



طرح عطاء البيع رقم (2/2020/7)

بيع وحدات توليد بخارية خارجة عن الخدمة – محطة
العقبة الحرارية

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1. الشركة: شركة توليد الكهرباء المركزية
2. اللجنة: لجنة العطاءات المختصة (الثانية)
3. المزاد: الجهة التي تشتري وثائق العطاء وتقوم بتقديم عرض، سواء كانت شركة محلية أو أجنبية أو أية شخصية اعتبارية.
4. المتعهد/المشتري: هي الجهة التي احيل عليها عطاء المزادة ضمن الشروط والاحكام سواء كانت شركة محلية أو أجنبية أو أية شخصية اعتبارية.

ختم وتوقيع المزاد

ختم الشركة

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1. دعوة العطاء

تدعو شركة توليد الكهرباء المركزية السادة المسجلين بوزارة الصناعة والتجارة والتي تنطبق عليهم شروط العطاء (مؤهلات المزاود) تقديم عرضهم لشراء

وحدات توليد كهربائية بخارية مستعملة ومضخات وبولدرات وتوربينات ومولدات ومحطة الغاز

والتوربين المائي مع ملحقات ومعدات ومواد وقطع ومستلزمات مختلفة مرتبطة بالوحدات موضوع البيع ويمكن لأصحاب الاختصاص المسجلين بوزارة الصناعة والتجارة والذين لديهم رخص مهن سارية المفعول وراغبين بشراء المعدات اعلاه التقدم بشراء نسخة العطاء ومعاينة المعدات في الموقع وتقديم عرض اسعار شامل لجميع المعدات المعروضة، وبناءً على التعليمات والشروط العامة والفنية والجداول الموضحة بوثائق العطاء ومرفقانه ان وجدت وعلى النماذج المقررة لذلك. على المزاودين تعبئة نماذج العطاء والجداول المرفقة وتقديم وثائق العطاء كاملة وموقعة ومختومة والعرض المالي والفني حسب الأصول باليد لأمين سر لجان العطاءات في موعد أقصاه الساعة الثالثة من بعد ظهر يوم الإثنين الموافق 2021/9/6 على العنوان التالي:

شركة توليد الكهرباء المركزية،

خلداء - امتداد شارع وصفي التل

حي الخالدين - شارع الحكم بن عمرو

هاتف رقم: (0096265340008) فاكس رقم: (0096265340800)

ص.ب (2564) عمان 11953 - الاردن

2. مؤهلات المزاود:

يجب ان تتوفر بالمزاود الشروط التالية بالإضافة الى أي شروط اخرى تم الإشارة لها في وثائق العطاء:

2.1 ان يكون المزاود مسجلاً في وزارة الصناعة والتجارة.

2.2 لدى المزاود رخص مهن سارية المفعول وصادرة في مدة لا تتجاوز الشهر.

2.3 لدى المزاود خبرة في مجال فك وإزالة منشآت صناعية مشابهة وتقديم ما يثبت ذلك.

2.4 رامن المال المصرح به لا يقل عن 10 آلاف دينار أردني.

3. بيانات المزاود:

- 3.1 اسم الشركة وعنوانها المعتمد للمراسلات:
- 3.2 الاسم:
- 3.3 العنوان:
- 3.4 اسم الشخص المموض بالتبعية:
- 3.5 التوقيع والختم:

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4. شراء نسخ العطاء:

- 4.1 ثمن نسخة وثائق العطاء (500) دينار أردني غير مستردة يضاف اليها 16% ضريبة مبيعات.
- 4.2 كفالة دخول العطاء (5%) من قيمة العرض المقدم ويجب ان تكون الكفالة صادرة بنفس اسم المزاد المشترك بالعطاء ومن بنك محلي. ولا يقبل لهذه الغاية الشيكات.
- 4.3 آخر موعد لإيداع العروض في صندوق العطاءات الساعة الثالثة من بعد ظهر يوم (الاثنين) الموافق 2021/9/6

5. التعليمات والشروط التي تحكم مرحلة معاينة المواد المعروضة للبيع:

- 5.1 سيتم معاينة المواد المراد بيعها من قبل المزاديين المشتركين بالعطاء بإشراف لجنة مؤلفة من ممثلي شركة توليد الكهرباء المركزية وبحضور المزاديين المشتركين لنسخة العطاء او من يمثلهم بتفويض خطي من المشتري للعطاء مختوم بختم الشركة.
- 5.2 تتم المعاينة وفق برنامج زمني يحدد من قبل الشركة وسيتم تبليغ المزاديين به خطياً، والتي سيتم على ضوئها تقديم عروض الشراء.
- 5.3 للمزاد الحق بطلب إيضاحات عن العطاء بشرط أن تكون خطية وأن تقدم قبل تاريخ موعد الإغلاق ب (10) أيام وبالطريق الرسمي ويتم الرد عليها خطياً قبل موعد الإغلاق.
- 5.4 ستتم المعاينة في الموقع من قبل الاشخاص المفوضين فقط ووفقاً لشروط العطاء، ولن يسمح بدخول الموقع لغير المفوضين.
- 5.5 يجب تعبئة نموذج المعاينة المرفق في وثائق العطاء وتوقيعه من المزاد أو من يفوضه حسب الأصول بعد إنتهاء الزيارة مباشرة.
- 5.6 في حال تخلف المشترك في العطاء عن الحضور في الموعد المحدد للزيارة من قبل الشركة يتحمل كافة المسؤولية عن تخلفه ولا يحق له الزيارة لاحقاً إلا بموافقة الشركة.
- 5.7 لا يحق لمن لم يشتري نسخة العطاء معاينة المواد ودخول الموقع أو المشاركة في تقديم عرض الأسعار وسيتم استبعاد أي عرض مقدم منه.
- 5.8 تعتبر معاينة المزاد واطلاعه على واقع الحال في الموقع بمثابة موافقة على المواد المعروضة للبيع وكمياتها وأوصافها، ولا يحق له الاعتراض لاحقاً على أية تفاصيل تخص المواد المعروضة للبيع من حيث الكم والعدد والنوع وفي الموقع المحدد والشروط الواردة في نسخة العطاء.
- 5.9 لا تتحمل الشركة اية مسؤولية عن المزاديين او مراقبيهم اثناء معاينة المواد المراد بيعها بالموقع وبالتالي يطلب من المزاديين أو مراقبيهم الإلتزام بشروط السلامة العامة في الموقع.
- 5.10 يمثل المزاد شخص واحد مفوض رسمياً بتفويض خطي مصادق عليه من البنك وحاملاً لختم المزاد وله اصطحاب مختصين بما لا يزيد عن اثنان خلال عملية المعاينة المشار لها ويتم توثيق عملية المعاينة بحضور مندوب الشركة وحسب النموذج المعد ويوقع عليه المزاد و/او المفوض.

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5.11 تكون فترة معاينة المواد أثناء ساعات الدوام الرسمي للشركة.

5.12 يحق للمزاود تصوير المواد المعروضة للبيع للاستئناس وتحت إشراف اللجنة المكلفة بمرافقة المزاودين أثناء المعاينة ولا تعتمد هذه الصور للبت بأي خلاف قد ينشأ لاحقاً.

6. التعليمات والشروط التي تحكم مراحل طرح العطاء وتقديم العروض.

يتواجد في محطة العقبة الحرارية وحدات توليد بخارية عدد 2 معروضة للبيع حسب الأوصاف والشروط المذكورة في وثائق العطاء تنوي الشركة بيعها بالظرف المختوم

يمكن للمزاود الذي ينطبق عليه الشروط، والراغب بشراء هذه المواد معاينتها على أرض الواقع، وكما هو موضح في دعوة العطاء صفحة رقم 3 من قبل جميع المزاودين المشتركين بالعطاء وحسب الشروط والتعليمات التالية:

6.1 يتم شراء نسخة العطاء والمختومة بختم الشركة الرسمي ويقدم عرض الأسعار من الشخص المفوض من المزاود رسمياً وخطياً وكما هو موضح مسبقاً ومرفقاً اثبات شخصية وهو الجهة المسؤولة أمام الشركة لكامل الغايات سواء داخل أو خارج الشركة.

6.2 يتم تقديم الأسعار وفقاً للمواد التي تمت معاينتها والمذكورة أوصافها في نسخة العطاء شاملة تنظيف الموقع من المواد المباعة وفي هذه الحالة يتم تنظيف الموقع من المواد موضوع البيع، وأن الأسعار المقدمة تعتمد على تقديراته الفعلية وزيارته للموقع وحسب واقع الحال ووفقاً للموجودات والمعدات المعلن عنها للبيع فقط والمثبتة في نسخة العطاء وملحقاته.

6.3 يلتزم المزاود بتقديم عرض الشراء بموجب الشروط والتعليمات الواردة في وثائق العطاء ووفقاً للمنهجية التالية:

6.3.1 العرض المالي: ويشمل قيمة الشراء الإجمالية وتعتبر مستحقة بشكل كامل للشركة وتدفع مقدماً خلال أسبوعين من تاريخ إحالة العطاء.

6.3.2 العرض الفني: ويتضمن على سبيل المثال لا الحصر اليات العمل، أسلوب الفك، طريقة الهدم للأبنية إن تطلب الأمر ذلك، تقييم المخاطر لكل مرحلة، إمكانيات المزاود من حيث السلامة العامة كالأليات والطاقات وادوات السلامة الأخرى اللازمة للعمل، واعداد العاملين التقريبي، والوثائق الثبوتية والشهادات التي تثبت كفاءة الكادر العامل... الخ.

6.4 يجب أن تقدم العروض مطبوعة فقط بصورة واضحة خالية من المحو أو التعديل أو الإضافة وعلى ورق يحمل شعار واسم الشركة المزاودة والمشاركة بالعطاء، ويحق للشركة رفض العروض المكتوبة بخط اليد أو غير الموقعة حسب الأصول أو التي ترد متأخرة أو العروض الناقصة.

6.5 أن نوضح القيم والأسعار رقماً وكتابةً بالإضافة لنوع العملة.

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- 6.6 للشركة الحق باستبعاد اي عرض غير واضح او يحتمل أكثر من تفسير او غير ملتزم بشروط العطاء وباي وقت او مرحله من مراحل العطاء.
- 6.7 يجب ان يتم تقديم شهادة سجل تجاري بتاريخ حديث لا يتجاوز الشهر من تاريخ تقديم العرض ورخصة مهن سارية المفعول مع العرض المقدم.
- 6.8 تقدم العروض بالظرف المختوم على عنوان الشركة، ويكتب عليه: عطاء رقم (2/2020/7) واسم المزاد ورقم الهاتف، مرفقاً مع العرض كفالة بنكية من بنك محلي بقيمة (5%) من قيمة العرض كتأمين للدخول في العطاء في موعد أقصاه الساعة الثالثة عصراً من بعد ظهر يوم الإثنين الموافق 2021/9/6 ("تاريخ الإغلاق")، ويلتزم المزادون/الشركات بصلاحيه هذه الاسعار لمدة (120) يوماً من تاريخ الاغلاق. ولا تقبل اية شيكات مكتوبة او بنكية غير مصدقة. تقبل الشيكات البنكية المصدقة بشرط كتابة اسم الشركة المزادة ورقم العطاء وعنوانه.
- 6.9 لا يحق للمزاد الانسحاب من العطاء بعد تاريخ الإغلاق. وفي حال قرر أي من المزاديين الانسحاب بعد تاريخ الإغلاق فان انسحابه يعتبر تنازلاً عن قيمة كفالة الدخول في العطاء وتفويضاً للشركة لا رجعة فيه بمصادرة هذه الكفالة وإبراء عاماً وتاماً وشاملاً للشركة بخصوص ذلك المبلغ دون الحاجة للرجوع إلى حكم قضائي.
- 6.10 عند تقديم عرض سعر الشراء من أي من المزاديين؛ فإن ذلك يعني حكماً موافقة المتقدم على كامل شروط العطاء دون إستثناء والتزامه التام بالتبعات القانونية والمادية والمعنوية لهذه الشروط.
- 6.11 لا تعتبر وثائق العطاء رسمية ولا يحق للمزاد إستخدامها في حال لم يتم ختمها بختم الشركة الرسمي.
- 6.12 يحق للشركة ألا تعتمد عرض الأسعار في حال لم يتم إرفاق وثائق العطاء كافة مع عرض الأسعار وفي حال لم يتم ختمها بختم المزاد الرسمي وتوقيع المفوض.
- 6.13 يعتبر السعر المقدم من المزاد ملزماً له ولا يجوز العودة عنه بأي حال من الأحوال بغض النظر عن تذبذب أسعار المعادن أو تحمل المزاد أي تكاليف وإختلاف أسعار العملة ويقبل المتعهد المحال عليه العطاء بالمواد كما هي دون الرجوع للشركة بأية مطالبات او تعويض عن فرق اسعار نتيجة لتغير اسعار السوق وتعتبر الشركة غير مسؤوله بعد الاحالة عن أي تعويض او خسارة تلحق بالمتعهد مهما كانت الاسباب.
- 6.14 لا يحق للمتعهد المطالبة بأية فروقات أو مستحقات مستقبلاً نتيجة تقديراته لقيمة المواد او كمياتها.
- 6.15 يجب ان تتضمن العروض المقدمة تحديد فترة سحب كامل مواد العطاء المباعة وتنظيف الموقع كاملاً بما فيها على سبيل المثال لا الحصر الحصول على موافقة الدوائر الحكومية المختلفة في حال

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كان ذلك مطلوباً للتخلص من بعض المواد وفقاً للتشريعات المعمول بها ، وان يتضمن العرض تسليم الموقع نظيفاً للشركة ("تاريخ انتهاء الأعمال") وبحيث لا يتجاوز تاريخ انتهاء الأعمال ولا بأي حال من الأحوال 12 شهر تالية لتاريخ صدور قرار الإحالة ، وللشركة متفرقة النظر بأي طلب من المشتري بخصوص مدة التنفيذ هذه في ضوء تقدم سير العمل ورؤية الشركة.

6.16 على المزاد أن يبين في عرضه عنواناً ثابتاً يرسل عليه جميع المراسلات المتعلقة بالعطاء وعليه أن يبلغ الشركة عن أي تغيير أو تعديل في عنوانه، وإلا فإن الشركة غير ملزمة بمراعاة هذا التغيير أو التعديل وتعتبر جميع المراسلات التي تترك له في المحل المذكور أو ترسل بالبريد المسجل وكأنها وصلت فعلاً وسامت في حبثها وملزمة له.

6.17 يعتبر ختم المزاد على صفحات وثائق العطاء بمثابة قبول والتزام تام بالشروط الواردة فيه.

7. التعليمات والشروط التي تحكم مراحل فتح العروض والتقييم والإحالة:

7.1 يتم فض العروض من خلال لجنة العطاءات في الشركة، ولجنة الحق في اعلان نتيجة فض العروض من عدمه، كما ويحق للشركة اعتماد معايير لتقييم العروض واختيار انسبها.

7.2 يحق للشركة إلغاء العطاء أو إعادة طرحه في حال عدم تقديم المزاديين بأسعار مناسبة أو نتيجة لعدم التزامهم بأي من شروط العطاء أو بناءً على تقدير الشركة المنفرد ودون الحاجة لبيان الأسباب، وفي هذه الحالة لا يكون لأي من المزاديين الحق بالاعتراض على قرار الشركة، ولا يترتب على الشركة اية تبعات مالية أو قضائية قد تنشأ عن قرارها. وللمزاد الحق باسترجاع ثمن نسخة العطاء وكفالة الدخول بالعطاء.

7.3 على المزاد تقديم بيانات تثبت خبرته ومقدرته الفنية والمالية للتأكد من قدرته على الوفاء بالتزامات ومتطلبات العطاء، وعليه تقديم ذلك ضمن نسخة عرض الاسعار، وبخلاف ذلك يحق للشركة استبعاد العرض المقدم منه إذا ارتأت ذلك.

7.4 للشركة الحق في أن ترفض كل أو بعض العروض المقدمة إليها دون أن يكون لأي من المزاديين الحق في الرجوع عليها بأية خسارة أو ضرر ناشئ عن تقديم عرضه، كما أنها لا تلتزم بالإحالة على أعلى الأسعار إذا تبين لها أن صاحب أعلى الاسعار مخالف لأي من شروط العطاء.

7.5 يحق للشركة الإحالة على صاحب أعلى الاسعار الاجمالية لكافة المواد، وتصدر الإحالة حسب اسم المزاد المبين في العرض المقدم منه.

7.6 تعاد كفالات الدخول في العطاء إلى مقدميها من المزاديين وفقاً لما يلي:

7.6.1 الذين لم تتم الإحالة عليهم بعد صدور كتاب الإحالة ويستثنى من ذلك صاحب العرض الثاني من حيث الترتيب والذي يتم إعادة تأمين دخول العطاء له بعد قيام المزاد الذي تمت إحالة العطاء عليه بتسليم الشركة كفالة حسن التنفيذ.

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- 7.6.2. الذين انتهت مدة سريان عروضهم قبل الإحالة ولم يرغبوا بتمديدتها بناء على طلبهم الخطي.
- 7.6.3. الذين تمت الإحالة عليهم بعد تقديم كفالة حسن التنفيذ.
- 7.7. يوافق المزاد الذي يرسو عليه العطاء على أن الإحالة تشكل مع وثائق العطاء عقدا ملزما لكلا الطرفين.
- 7.8. تعتبر الأوزان والكميات وأنواع المعادن المذكورة في العطاء وملاحقه للمعدات والمواد المشمولة في البيع تقديرية ولغايات إسترشادية؛ وعليه لا يحق للمزاد/المقاول الذي يحال عليه العطاء بأي شكل من الأشكال الرجوع على الشركة بأي طلب تعويض ناتج عن أي إختلاف ويقبل بها كما هي على أرض الواقع على أساس دكمة.
8. التعليمات والشروط التي تحكم مرحلة تنفيذ الإحالة للعطاء:
- 8.1. في حال استنكف المتعهد عن تنفيذ إحالة العطاء لأي سبب كان أو لم يلتزم بالجدول الزمني المقدم منه أو لم يلتزم بشروط الإحالة فإن للشركة الحق في مصادرة الكفالات واثامينات المقدمة على هذا العطاء وبيع المواد بالطريقة والسعر الذي تراه مناسباً، ولا يحق للمتعهد الاعتراض على هذا الاجراء و (أو) طلب أي تعويض مادي أو معنوي.
- 8.2. يحق للشركة مصادرة كفالة الدخول في العطاء في حالة الإخلال بأي شرط من شروط العطاء و (أو) الإحالة ولا يحق للمزاد الاعتراض أو رفع دعاوي نتيجة ذلك.
- 8.3. تخضع الإحالة لقانون الرسوم والطوابع، بحيث يلتزم المتعهد الذي صدر له قرار الإحالة بدفع قيمة هذه الرسوم والطوابع إلى صندوق وزارة المالية خلال (عشرة ايام) من استلامه كتاب الإحالة وبخلاف ذلك سيتم تغريم المتعهد حسب قانون رسوم الطوابع والواردات رقم (20) لعام 2001 وعلى أن يتم تزويد الشركة بصورة عن وصل رسوم الطوابع.
- 8.4. يلتزم المتعهد المحال عليه العطاء بتقديم كفالة حسن تنفيذ بقيمة (مليون وخمسمائة ألف دينار أردني) وذلك خلال (10) ايام من تاريخ صدور كتاب الإحالة ويترتب على عدم تقديم هذه الكفالة إلغاء قرار الإحالة ومصادرة كفالة الدخول في العطاء.
- 8.5. لا يجوز بأي حال من الاحوال تجزئة الدفعات المستحقة حيث يجب ان يسدد المشتري كامل قيمة الاحالة ولكافة المواد للشركة خلال أسبوعين من تاريخ الإحالة مالم يتم الإتفاق على غير ذلك من كلا الطرفين.
- 8.6. يتوجب على المتعهد تزويد الشركة برخصة من وزارة البيئة وسلطة منطقة العقبة الاقتصادية الخاصة، للتخلص من النفايات الخطرة في حال وجودها في مواد العطاء وحسب متطلبات التشريعات النازمة للبيئة ، ولا يتم تسليم اية مواد خطرة الا بعد ابراز هذه الرخصة (الموافقة)، وفي حال عدم استطاعة المتعهد الحصول على هذه الرخصة فلا يحق له العودة على الشركة بالمطالبة بقيمة المواد التي تحتاج الى رخصه، ويحق للشركة بعد انقضاء مدة التسليم المحددة في الاحالة التخلص من هذه المواد عن طريق الجهات المعنية وعلى نفقة المتعهد صاحب الاحالة وبما فيها اية رسوم او ضرائب او مصاريف متعلقة بذلك .

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- 8.7 يلتزم المتعهد باستلام كافة المواد المحالة عليه وسحبها من الموقع واستكمال عملية التنظيف الكامل وفقاً لمتطلبات الشركة وشروط العطاء الإحالة قبل حلول تاريخ انتهاء الأعمال وبخلاف ذلك يترتب على المتعهد غرامة تأخير بواقع (500 دينار) خمسمائة ديناراً مضافاً له ضريبة المبيعات المستحقة بموجب القانون عن كل يوم تأخير نالي لتاريخ انتهاء الأعمال.
- 8.8 يحق للشركة إنهاء الإحالة في حال تجاوزت مدة التأخير 60 يوماً بعد تاريخ إنهاء الأعمال، ويكون ذلك دون الرجوع إلى المزاد أو أي جهة أخرى، وبذلك يصبح المتعهد فاقداً لحقه في المواد المتبقية في الموقع موضوع البيع ولا يحق له المطالبة بقيمتها أو أي عوض عن ذلك كما ويحق للشركة مصادرة كفالة حسن التنفيذ وتصبح حقاً للشركة. ويحق للشركة بعد هذه المدة إكمال الأعمال المتبقية وعلى نفقة المتعهد ومطالبتة في حال لم تغطي قيمة كفالة حسن التنفيذ إكمال الأعمال المتبقية.
- 8.9 يتولى المتعهد وضع جدول لعمليات سحب المواد موضوع الاحالة بحيث يتم سحب المواد على مراحل متتالية وفق الجدول المعد من قبل المتعهد بعد موافقة الشركة عليه بحيث لا يتنقل المتعهد من مرحلة الى اخرى الا بموافقة الشركة. ولا يجوز فرزها بتحميل اجزاء منها قبل غيرها، بحيث يتم تنظيف الموقع من جميع المواد المخصصة للبيع وفقاً لهذا الجدول.
- 8.10 لا يجوز استلام المواد إلا من قبل المتعهد أو من يفوضه تفويضاً رسمياً مصادق على صحته توقيعاً من أحد البنوك المحلية، كما لا يجوز للمتعهد أن يقوم بالتنازل عن العطاء أو أي جزء منه لشخص آخر الا بموافقة الشركة الخطية ولا تقر الشركة تحت اي ظرف بالتعامل مع اي جهة أياً كانت غير تلك الجهة التي قدمت العرض رسمياً والتزمت بتنفيذ العطاء.
- 8.11 يلتزم المقاول بتقديم كشف أسماء العاملين بالموقع وأخذ الموافقة المسبقة من الشركة وذلك بإصدار نصاريح دخول للموقع ولن يسمح لأي شخص لا يحمل تصريح دخول بالدخول للموقع.
- 8.12 يجب على المقاول بالإضافة الى الالتزامات المحددة في وثائق العطاء و/او مرفقاته وملاحقه و/او كتاب الاحالة أو أي التزامات اخرى أينما وردت تأمين البنود التالية وقبل بدء العمل:
- 8.12.1 تأمين وسائل الاطفاء المناسبة والتي تقبل بها الشركة ويكون قبولها خطياً
- 8.12.2 توفير ثلاثة مهندسين ذوي خبرات تقبل بهم الشركة (ميكانيك، كهرباء، سلامة عامة) بالإضافة إلى مدير مشروع متفرغ بحيث يكونوا وسيلة الاتصال الوحيدة مع الشركة لغايات تنفيذ أمر الاحالة والحصول على موافقة الشركة على أذونات العمل اليومية.
- 8.12.3 تأمين الكهرباء والماء ودورات مياه متنقلة.
- 8.12.4 متطلبات ومواد السلامة العامة اثناء فك وقص المواد وفق تعليمات الشركة الداخلية بهذا الخصوص و (أو) الدفاع المدني.
- 8.12.5 إصدار بوليصة تأمين تتضمن التأمين على كادر المتعهد ومعداته ومعدات وكادر الغير وخسائر إنقطاع الأعمال.
- 8.13 تنظم أذونات العمل يومياً وقبل مباشرة الاعمال ويجب التأكد أن أماكن العمل معزولة خاصة على سبيل المثال لا الحصر الكوابل الكهربائية.

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- 8.14 يجب على المتعهد الالتزام التام بقوانين السلامة العامة المتبعة بالشركة وسيتم إيقاف الاعمال عند مخالفة هذه التعليمات اثناء سحب واستلام المواد ولا يترتب على الشركة أية تبعات مالية أو قانونية وتعتبر فترة التوقيف من ضمن فترة تنفيذ المشروع ولا يحق للمتعهد المطالبة بتمديد مدة التنفيذ تعويضاً عن فترة التوقيف كما أن عليه التقيد بالتعليمات حينما وردت وعلى سبيل المثال لا الحصر يتم تحميل المواد بالوضعية التي تكون عليها حيث لا يجوز إجراء عمليات فك أو قص وفصل أو فرز للمواد الا تحت اشراف الشركة ، وموافقها الخطية المسبقة مطلوبة في حال الانتقال من مرحلة الى اخرى ويكل الاحوال فان جميع الاعمال تكون تحت اشراف مختصين بالسلامة العامة ، ويتوجب اخذ موافقة الشركة عند اجراء عمليات القص او الفصل والالتزام بشروط السلامة المشار لها .
- 8.15 يلتزم المتعهد بقرارات لجنة التسليم المشكلة من الشركة وبالطريقة التي تقررها وفي حال وجود اية اعتراضات من قبل المتعهد أو في حال حدوث أي تأخير لسبب يعود على الشركة يلتزم المتعهد وخلال مدة لا تتجاوز (3) ثلاثة أيام عمل بالكتابة بذلك مباشرة لإدارة الشركة لحل اية اشكالات قد تنشأ اثناء عملية التسليم. ستقوم الشركة بالإجابة على الاعتراض أو على التأخير خلال مدة لا تتجاوز (3) ثلاثة أيام عمل ولا يحتسب اية فترات سماح بالتأخير باستلام وسحب المواد الا في حال تأخر الشركة في الإجابة الخطية على الاعتراض أو التأخير. يفقد المتعهد حقه بالاعتراض أو المطالبة بالتأخير الناتج عن الشركة إذا لم يتم مخاطبة الشركة خطياً خلال المدة المحددة في هذا البند.
- 8.16 إذا تخلف المتعهد عن تنظيف الموقع بعد الاستلام للمواد، تتولى الشركة تنظيف الموقع وعلى حساب المتعهد الذي يحال عليه العطاء، وتحتجز كفالة حسن التنفيذ لحين تسديد هذه المبالغ وفي حال تخلف المتعهد عن الدفع خلال مدة لا تزيد عن (30) ثلاثين يوماً من تاريخ تحقق التكلفة فللشركة الحق بمصادرة كفالة حسن التنفيذ كاملة لتغطية التكاليف التي تخلف المتعهد عن القيام بها ولا يحق للمتعهد المطالبة بكفالة حسن التنفيذ أو أي جزء منها.
- 8.17 يلتزم المتعهد بالأنظمة واجراءات وتعليمات السلامة العامة المعمول بها في الشركة وكما هو مبين في المرفق.
- 8.18 أوقات الدوام (5 ايام عمل في الاسبوع، وبمعدل 8 ساعات في اليوم) وللشركة بإرادتها المنفردة الموافقة على تجاوز ذلك بطلب خطي ومسبق من المتعهد.
- 8.19 لن يسمح للمتعهد مباشرة أعماله الا بعد الموافقة الخطية من مندوب الشركة المختص بالسلامة العامة. ويلتزم المتعهد بتواجد مندوب سلامة عامة توافق عليه الشركة في موقع العمل طوال فترات مراحل العمل بالإضافة الى الإلتزام بكامل شروط السلامة المرفقة.
- 8.20 يتحمل المتعهد نقل وتحميل المواد المباعة وتنظيف الموقع وأية رسوم أو مصاريف قد تترتب على شراء المواد بعد قيامه باستلامها من الموقع وبراعي في ذلك التشريعات الناظمة لعمليات النقل على الطرق.

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- 8.21 المتعهد مسؤول عن أية أضرار تلحق بموجودات الشركة أثناء قيامه بسحب المواد المباعة وكذلك عن سلامة العمال والعاملين لديه وأيضاً يكون مسؤول عن أية أضرار تلحق بالممتلكات العامة والخاصة المحيطة بالموقع.
- 8.22 الشركة غير مسؤولة عن أية أضرار قد يتعرض لها العاملون لدى المتعهد أو الآليات المستخدمة بتنفيذ العطاء.
- 8.23 الشركة غير مسؤولة بأي شكل من الأشكال عن أي أضرار يسببها المتعهد للغير سواء داخل أسوار المحطة أو/و خارجها ومهما كانت صفته الاعتبارية ولها أيضاً حق العودة على المتعهد للمطالبة بأي تبعات تترتب عليها نتيجة أي أضرار من أي نوع يسببها للغير سواء من خلال التصرف بالكفالة أو/والجوء إلى الطرق القانونية.
- 8.24 يخضع هذا العطاء للشروط والأنظمة والتعليمات المعمول بها في شركة توليد الكهرباء المركزية وما يجري عليها من تعديلات.
- 8.25 يخضع هذا العطاء للقوانين والأنظمة النافذة في المملكة الأردنية الهاشمية بما فيها تلك التي تتعلق ببيع المواد ولقانون دائرة الجمارك وأية رسوم أو ضريبة أو مستحقات مالية قد تفرض من قبل الحكومة.
- 8.26 أية أضرار بيئية أو سلامة عامة تنتج عن سوء استخدام هذه المواد تكون من مسؤولية المتعهد المحال عليه العطاء.
- 8.27 على المتعهد اخذ الموافقات اللازمة من الجهات الحكومية المختلفة ان لزم ذلك.
- 8.28 لن يسمح بدخول شركاء جدد مع المتعهد المحال عليه العطاء وسيكون التعامل فقط مع الشركة صاحبة العرض الاصيلي و/او الاشخاص المفوضين رسمياً منه.
- 8.29 يلتزم المتعهد بفك الوحدات التوليدية ومرفقاتها المشمولة في البيع وتحميلها ونقلها ضمن فترة التنفيذ وحسب الجدول المعد من طرف المتعهد والموافق عليه من قبل الشركة.
- 8.30 يتحمل المتعهد الذي يحال عليه العطاء مسؤولية تأمين الحماية للمواد المشمولة في البيع بعد تاريخ الإحالة وبذلك لا تتحمل شركة توليد الكهرباء المركزية أي مسؤولية في حال فقدان أي من المواد موضوع البيع أو أية أضرار تلحق بمعدات المتعهد. على أنه يتوجب أخذ موافقة الشركة على آلية الحماية التي يتم تأمينها من قبل المتعهد.
- 8.31 يتحمل المتعهد الذي يرسو عليه العطاء متابعة وتنفيذ أي إجراءات تتعلق بموافقات الجهات الحكومية والرسمية المرتبطة بعمليات الفك والقص ونقل المخلفات وتقديم أي كفالات أو ضمانات مرتبطة بهذه الإجراءات. ولا تتحمل الشركة أي مسؤولية مادية أو معنوية أو قانونية عن أي مخالفة.
- 8.32 تعتبر ملاحق العطاء جزء لا يتجزأ من شروط العطاء والاحالة وتقرأ كوحدة واحدة.
- 8.33 تخضع عملية البيع وإجراءات طرح العطاء للقوانين والأنظمة الناظمة لها سواء داخل الشركة أو خارجها.

9. التعليمات والشروط التي تحكم أعمال إصدار أذونات العمل:

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ختم الشركة

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الاردن، هاتف 5340008 فاكس 5340800
البريد الإلكتروني cecco@cecco.com.jo
(12/10)

- 9.1 يتوجب تنظيم أذونات عمل يومية لكل الأعمال التي تتم داخل الموقع من خلال كادر المتعهد.
- 9.2 يتوجب توثيق نطاق العمل المراد إنجازه وألية العمل والمخاطر المحتملة وإجراءات السلامة والكادر المنفذ ومدة التنفيذ وأية متطلبات أخرى على أذونات العمل.
- 9.3 يتوجب أخذ موافقة ممثلي شركة توليد الكهرباء على أذونات العمل.
- 9.4 يحق للشركة إلغاء أو إيقاف أذونات العمل في حال وجود مخالفات من قبل الكادر المنفذ للمتعهد.
- 9.5 يلتزم المتعهد بإغلاق إذن العمل وفقاً للمدة الزمنية المحددة له. وفي حال تطلب العمل تمديد المدة: تكون الموافقة من قبل الشركة.
- 9.6 يلتزم المتعهد بحفظ نسخة من أذونات العمل في موقع العمل وأن يكون متاحاً لممثلي الشركة.

10. الأسعار:

- 10.1 يعتبر السعر المقدم من المزاد نهائي ولا يحق له طلب تخفيض السعر بعد موعد الإغلاق.
- 10.2 عملية التسعير يجب أن تكون بالدينار الأردني ولن يقبل غير ذلك.
- 10.3 الأسعار المقدمة يجب أن تكون بنظام السعر الشامل ولا يقبل تقسيط أسعار المواد أو الأعمال.
- 10.4 البيع للمواد المحددة بعطاء البيع رقم 2/2020/7 ووفقاً لما تم معاينته.
- 10.5 البيع للمعدات المذكورة في نسخة العطاء وملحقاته وضمن الحدود المبينة في الموقع فقط والتي على ضوءها تم توقيع نموذج المعاينة للمواد
- 10.6 عرض السعر يكون بكتاب منفصل وفق احكام هذا العطاء.

11. المواد المستثناة من عملية البيع:

- 11.1 كما وردت في الملحق رقم رقم 7 و (أو) أي من وثائق العطاء.

12. المواد المراد بيعها:

- 12.1 البيع للمواد الواردة في وثائق العطاء ولا يشمل الأرض المقام عليها المواد وتلك المواد المستثناه في الملحق رقم (7) و (أو) أي من وثائق العطاء.

ختم وتوقيع المزاد

ختم الشركة

شركة توليد الكهرباء المركزية - ص.ب 2564 عمان 11953
الاردن، هاتف 5340008 فاكس 5340800
البريد الإلكتروني: cegeo@cegeo.com.jo
(12/11)

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة – محطة العقبة
الحرارية

ملحق رقم (1): نموذج كفالة الدخول في العطاء

كفالة دخول في العطاء رقم :

بنك:

كفالة رقم:

استحقاق:

السادة شركة توليد الكهرباء المركزية

نرجو العلم أن بنك

يكفل لأمركم السيد / السادة

مبلغ وقدره

(.....) ديناراً اردنياً

وذلك للسماح له بالتقدم بعرضه الخاص بالعطاء المشار إليه أعلاه.

تبقي هذه الكفالة سارية المفعول لمدة مائة وخمسون يوماً بعد التاريخ المحدد لفتح العطاء وهي قابلة للتمديد بناءً على طلبكم ودون أن يترتب عليكم أية فوائد أو رسوم بخصوص هذه الكفالة.

نتعهد نحن بنك بشكل نهائي وغير مشروط وغير قابل للنقض بدفع كامل قيمة هذه الكفالة لكم عند أول طلب ودون أي تأخير أو ممانعة ودون الحاجة لأي إنذار أو مطالبه فضائية وبالرغم من أي اعتراض يقدم من الجهة المكفولة.

واقبلوا الاحترام،،،،

بنك

الخاتم الرسمي

((يجب ان تكون الكفالة مثبت عليها رقم العطاء وصادرة بنفس اسم الشركة صاحبة نسخة العطاء وغير ذلك سيكون العرض

مرفوض))

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة – محطة العقبة الحرارية

ملحق رقم (2): نموذج كفالة حسن تنفيذ

بنك: فرع:

هي:

كفالة رقم:

استحقاق:

السادة شركة توليد الكهرباء المركزية المحترمين.

تحية واحتراماً ...

بإذنا على طلب السيد / السادة (المقاول اسمه / عنوانه)

نتعهد بشكل نهائية وغير قابل للتقضى وبدون أي شرط أن ندفع لكم أو لممثليكم القانونيين لدى أول طلب خطي منكم مبلغ:

المبلغ بالأرقام :-

المبلغ بالكلمات:-

وذلك كفالة لحسن تنفيذ عطاء رقم () .

ويتعهد بنك: بدفع المبلغ المبين أعلاه أو أي جزء منه إليكم أو لممثليكم المقوضين رغم أي معارضة من المكفول

و بدون الحاجة إلى توجيه أي اذار عدلي أو اتخاذ أي إجراء قضائي. وتجدد هذه الكفالة تلقائياً لمدة () شهراً ومن ثم تجدد لمدة أخرى

بماتلة متلاحقة وهكذا وإلى أن تعاد إلينا من قبلكم.

وتة ضلوا بقبول فائق الاحترام

بنك:

الخاتم الرسمي



نموذج استبيان السلامة والصحة والبيئة لمقاول شركة توليد الكهرباء المركزية

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة – محطة العقبة
الحرارية

ملحق رقم (3): نموذج استبيان السلامة والصحة والبيئة لمقاول شركة
توليد الكهرباء المركزية

التعليمات					
<ul style="list-style-type: none">• يتم تعبئة هذا الاستبيان من قبل إدارة المقاول.• يرجى ذكر (غير قابل للتطبيق) للنقاط غير قابلة للتطبيق .• يجب على المقاول تغطية جميع الأنشطة (بما في ذلك الداعمة) وليس فقط تلك التي تقوم بها شركة توليد الكهرباء المركزية .• إذا لزم الأمر، قد تكون هناك حاجة إلى مناقشة المتابعة مع إدارة المقاول.• لا تتردد في إضافة أي تعليقات واقتراحات في ورقة منفصلة تشير إلى رقم السؤال.					
اسم الشركة ونوع الخدمات المقدمة :-					
يرجى تقديم المعلومات التالية لكل من السنوات الثلاث الماضية والتي (تشير إلى التعاريف المستخدمة لحساب عدد الحسابات) :-					
متوسط عدد الموظفين	عدد ساعات العمل (خلال الفترة المذكورة)	عدد الإصابات البسيطة والإسعافات الأولية	عدد إصابات التي يحصل فيها تعيب عن العمل	عدد الحوادث البيئية	عدد الوفيات

الوصف	استبيان التقييم
	1. صف مياسة و دليل الصحة والسلامة والبيئة الخاص بشركتكم . يرجى إرفاق نسخة من جدول محتويات الدليل ونسخة من السياسة.
(i) _____ (ii) _____ (iii) _____	2. اذكر جدول أعمال ومحتويات اجتماعات الصحة والسلامة الخاصة بك. (i) كم مرة ؟ (ii) من يقوم بإدارة الاجتماعات وحضورها . (iii) اين تُعقد ؟
	3. اذكر أهداف إدارة السلامة والصحة والبيئة الخاصة بالمدرء والموظفين



نموذج استبيان السلامة والصحة والبيئة لمقاول شركة توليد الكهرباء المركزية

4.	صف المسؤوليات والإجراءات المتخذة للتقارير عن الحوادث / الحوادث العرضية والتحقيقات بما في ذلك الحوادث الوشبكة .
5.	صف المسؤوليات والإجراءات المتخذة لتحديد الجانب البيئي / الأثر وإجراء تقييم المخاطر.
6.	صف المسؤوليات والإجراءات المتخذة لمعالجة النفايات الخطرة وابتين يتم التخلص منها.
7.	هل شركتك مرخصة من قبل وزارة البيئة للمنشأة المذكورة اعلاه ؟
**	إذا كانت الإجابة بنعم ، قم بإرفاق الوثائق ذات الصلة .

8.	قم بوصف برنامج التوعية بالصحة والسلامة والبيئة وبرنامج صندوق الأدوات الخاص بك .
9.	هل لدى شركتك برنامج جائزة للسلامة والصحة والبيئة ؟ ** إذا كانت الإجابة بنعم ، يرجى إرفاق نسخة .
10.	صف كيف تقوم شركتك بعمليات التدقيق والتفتيش في مجال الصحة والسلامة والبيئة . (i) كم مرة ؟ (ii) من يقوم بعمليات المراجعة / التفتيش ؟ (iii) من يقوم بمراجعة عمليات التدقيق / التفتيش على الصحة والسلامة والبيئة ؟
11.	تقديم تفاصيل عن الشخص المسؤول عن أداء الصحة والسلامة والبيئة . (i) الاسم / المسمى الوظيفي : (ii) رقم الاتصال :
12.	قدم تفاصيل عن معدات الوقاية الشخصية التي تستخدمها مؤسستك (نوع معدات الحماية الشخصية، والعلامة التجارية المستخدمة، وما إلى ذلك)
13.	صف خطة الطوارئ والاستجابة للطوارئ لديكم .
14.	قدم تفاصيل برنامج التدريب على الصحة والسلامة والبيئة الخاص بك .
15.	هل تقوم شركتك بمراجعة نظام إدارة الصحة والسلامة والبيئة لمقاوليها بانتظام؟ ** إذا كانت الإجابة بنعم، يرجى إرفاق نموذج التدقيق.

يرجى تقديم اسم وعنوان الشخص في مؤسستك للاتصال بأية استفسارات أو متابعة فيما يتعلق بهذا الاستبيان .

الاسم: _____ المسمى الوظيفي: _____ الهاتف / الجوال: _____

يرجى تقديم اسم وعنوان الشخص الذي أجاب على هذا الاستبيان.

الاسم: _____ المسمى الوظيفي: _____ التوقيع: _____

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة – محطة العقبة الحرارية

ملحق رقم (4): نموذج معاينة المواد

اسم المزاد او المفوض عنه:

1. اقر واعترف بأنني قمت بمعاينة ومشاهدة المواد المنوي بيعها بالعطاء رقم 2/2020/7 والمتواجدة على ارض محطة العقبة الحرارية وتمت المعاينة بحضور لجنة المعاينة واقر واعترف بان البيع سيتم حسب شروط العطاء رقم 2/2020/7 وكتاب الاحالة والقوانين والأنظمة النافذة في المملكة الأردنية الهاشمية واتعهد بعدم العودة على الشركة باي تعويض نتيجة فرقي اسعار المعادن وتغيرات السوق
2. اقر واعترف بأن اتحمل ضريبة المبيعات واية رسوم وضرائب اخرى قد تنشأ نتيجة لشراء المواد موضوع العطاء رقم 2/2020/7
3. اقر واعترف بان اقوم بتوفير معدات السلامة العامة في حالة الاحالة على شركتي وتوفير معدات السلامة العامة لعمالي والالتزام بكافة تعليمات السلامة المتبعة في الشركة بشكل عام وتلك المرفقة بالعطاء.
4. اقر واعترف بان ما يلزم من خدمات كهرباء وماء اثناء عملية تنفيذ اعمال الفك وازالة وتحميل المواد من مسؤوليتي في حالة احالة العطاء علي.
5. اقر واعترف بالمواد التي تم اعلامي بانها مستثناة من عملية البيع في البند رقم 11 وملحق الإستثناءات وأي إستثناء ورد في وثائق وملاحق العطاء.
6. اقر واعترف في حالة احالة العطاء بان اقوم بدفع ثمن المواد المشتراة كاملة مقدما وغير قابلة للتجزئة لصندوق الشركة.
7. اقر واعترف وافوض الشركة في حال عدم التزامي بعرض الاسعار المقدم بمصادرة كفالة دخول العطاء المقدمة ودون الرجوع على الشركة باي تبعات قانونية او إنذارات عدلية.
8. اتعهد بعدم فك او ازالة اي جزء من انظمة الاطفاء في المحطة الا بعد الانتهاء من فك المعدات موضوع البيع نهائيا وأن التزم بمراحل الفك والقص والسحب للمواد موضوع البيع وفقاً للبرنامج المعد من شركة توليد الكهرباء المركزية
9. اتعهد بتطبيق تعليمات السلامة العامة عند عمليات قص المعادن بالأوكسجين وتأمين وسائل اطفاء يدوية حسب متطلبات شركة التوليد.
10. اقر واعترف بان الشركة أطلعتني على المواد المستثناة من البيع والتزم بعدم الإقتراب منها أو إيقاع أي ضرر بها أو جزء منها.
11. اقر بانني اطلعت على الخريطة التوضيحية المقدمة من الشركة والمرفقة بوثائق العطاء والتي تبين الحدود الجغرافية للمواد موضوع البيع والتزم بالعمل بموجبها.
12. اقر بانني اطلعت على مراحل تنفيذ الفك والسحب والهدم المعدة من الشركة والمرفقة بوثائق العطاء والتزم بالعمل بموجبها
13. اقر واعترف بأن أقوم بإستخدام معدات وأدوات مطابقة لشروط السلامة ومتطلبات الدفاع المدني.

وعليه اوقع

اسم المقاول:

التاريخ:

التوقيع:

الختم:

ملحق رقم (5)

شركة توليد الكهرباء المركزية ("الشركة")

عطاء البيع رقم 2/2020/7 - بيع معدات الوحدات الأولى والثانية في محطة العقبة

الحرارية.

خطة وإجراءات السلامة الملزمة للمقاول الذي يحال عليه العطاء

الفهرس

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1. إجراءات السلامة:

- 1.1 يجب أن يقوم المقاول بإعداد بيان طريقة العمل الآمنة (SWMS) لما سوف يقوم به من أعمال الهدم لكل الأنظمة الموجودة.
- 1.2 على المقاول الحصول على جميع التصاريح اللازمة للقيام بهذا العمل، وإعلام الشركة بها وإعلان هذه التصاريح في موقع العمل.
- 1.3 يجب على المقاول الامتثال لفوائين البيئة خاصة وأي تشريعات تتعلق بأي تصاريح أو ذات علاقة بالتخلص من المواد الخطرة أو التخلص من مخلفات الهدم أو أي إجراء آخر له علاقة بالمشروع.
- 1.4 اينما لزم أو بناء على طلب الشركة يتم انشاء الاسيجة المؤقتة بالشكل الذي تحدده الشركة.
- 1.5 قبل مباشرة أعمال الهدم على المقاول اجراء مسح هندسي للموقع متضمنا تحديد المخاطر على ان يتم المسح من جهة مرخص لها وبموافقة الشركة على نتائج المسح.
- 1.6 قبل الهدم تقوم الشركة بعزل وإغلاق جميع خطوط المرافق (بما في ذلك الكهرباء والماء وزيوت الوقود والديزل والهيدروجين و الغاز والصرف الصحي) في الموقع، ويقوم المقاول على نفقته الخاصة ببناء خزان مياه مؤقت متصل بخزان الصرف الصحي.
- 1.7 قبل الهدم يتم عقد اجتماع بين المقاول والشركة ويوثق الاجتماع خطياً.
- 1.8 يعقد اجتماعاً واحداً على الأقل كل اسبوع بين المشتري ولجنة التسليم في الموقع لمناقشة تقدم سير العمل والتنسيق لإزالة أي عوائق.
- 1.9 يجب ان لا تؤدي عمليات تنفيذ المشروع لأي اضرار على المجتمع المحلي أو تعطيل مصالحه ، ومنها على سبيل المثال لا الحصر التحكم بالغاز والعمل بساعات النهار العادية والمحددة من الساعة صباحاً حتى الرابعة عصراً وأي أعمال بعد هذا الوقت أو خلال العطل يتطلب موافقة الشركة المسبقة ويمنع منعاً باتاً العمل خلال ساعات الليل.
- 1.10 يلتزم المقاول بخطة الهدم المعدة من الشركة والتي منها على سبيل المثال لا الحصر الهدم الهيكلي من الاعلى الى الاسفل وبما يضمن عدم انهيار كامل للمبنى، جميع الأعمال اليدوية تنفذ على الأرض مثل فصل المواد حسب نوعها وان يتم ادخال أي الهات من خلال المدخل الذي تحدده الشركة مسبقاً.
- 1.11 بعد استكمال عملية الطم وتنسوية الأرض وبما تقبله الشركة تنقل جميع مخلفات البناء خارج الموقع باستخدام العربات المقطوعة و / أو المقطورات التجريبية وتنقل الى موقع ملائم بالتنسيق مع سلطة إقليم العقبة أو أي جهة تفع ضمن حدودها مكبات مخلفات الهدم، ودون أي يتربط على ذلك أي التزام مهما كان نوعه سواء التزام قانوني أو مالي ضد الشركة.
- 1.12 تنظيف موقع العمل يوميا قبل المغادرة وتأمينه وإغلاقه بعناية.
- 1.13 يجب على المقاول توفير ضابط مرور للأليات خلال القيام بأنشطة الهدم سواء أثناء تحميل أو تفريغ المعدات وشاحنات النقل، أو في بعض الأحيان عندما تتأثر حركة المرور المحيطة بالموقع بسبب أنشطة الهدم ، وعلى مراقب الحركة ارتداء سترة مرتبة عالية الدرجة من الفئة الثالثة؛ والتي يجب استخدامها من قبل جميع العاملين مع المقاول أو الزائرين وطوال فترة العمل اليومية.
- 1.14 جميع مضخات المواد الكيميائية وخطوطها يجب تنظيفها وفقاً لإجراءات التعامل مع هذه المواد الكيميائية في الشركة و/أو أي تشريعات ناظمة للتخلص من المواد الكيميائية.
- 1.15 على المقاول مسؤولية وضمان عدم تضرر السياج العازل بين الموقع والوحدات العاملة الثالثة والرابعة والخامسة، وللشركة الحق بأن تطلب من المقاول تنفيذ اجراءات وقائية اضافية ان لزم.
- 1.16 على المقاول ضمان عدم تضرر الوحدات العاملة الثالثة والرابعة والخامسة المجاورة للموقع من اجراءات الهدم أو القص أو أي اجراء آخر وعليه تحمل أي اضرار مادية يسببها للشركة المشار لها وبما تحدده الشركة المقضرة.
- 1.17 على المقاول تزويد مندوب السلامة العامة في الشركة بكشف يومي للأشخاص الجدد في موقع العمل يتضمن صورة عن هوية الأحوال الشخصية للأردنيين وتصريح عمل ساري لغير الأردنيين مع شهادة خلو أمراض.
- 1.18 على مندوب السلامة العامة العامل مع المقاول تقديم شرح عن الأخطار ومتطلبات السلامة Induction session لكل شخص يدخل الموقع لأول مرة وتقديم الإثبات لمندوب السلامة العامة في الشركة.
- 1.19 على المقاول توفير فريق سلامة عامة خاص به ويكون هذا الفريق مسؤول عن سلامة الأشخاص والأعمال والمعدات في الموقع بحيث يكون هناك مندوب سلامة عامة لكل 50 (خمسون) عاملاً في الموقع.

1.20 على المقاول أخذ موافقة مندوب السلامة العامة في الشركة قبل تعيين مندوب السلامة بحيث يكون الحق لمندوب السلامة العامة في الشركة الموافقة على تعيين مندوب المقاول الذي سيعمل في السلامة العامة بعد الإطلاع على شهادته وخبرته الشخصية.

1.21 على المقاول تقديم معلومات عن تاريخ شركته من حيث عدد الحوادث، وفيات العمل، إصابات العمل.

1.22 يحق للشركة إيقاف العمل في الموقع في حال لاحظت أن الأعمال داخل الموقع ستؤدي لحوادث خطيرة أو وفيات وعلى المقاول إيقاف العمل فوراً في هذه الحالة حتى تصويب الأوضاع وأخذ موافقة الشركة لبدء العمل، ولا يحق للمقاول طلب تعويض عن الإيقاف في هذه الأيام. وتعتبر مدة الإيقاف من فترة إنجاز المشروع ويتم تطبيق شرط غرامات التأخير عليها كون سبب الإيقاف يعود على المقاول من حيث التقصير في توفير متطلبات السلامة.

1.23 في حال الظروف الجوية السيئة كالأمطار الغزيرة على المقاول إيقاف العمل حتى تحسن هذه الظروف ولا تحسب مدة الإيقاف من فترة الإنجاز ولا يتم احتساب غرامات تأخير عليها وفقاً للتعاميم الصادرة عن وزارة الأشغال العامة والإسكان بخصوص الظروف الجوية.

2. الوقاية من الحريق:

- 2.1 في حالة إجراء أعمال ساخنة، يجب توفير جميع أجهزة التسخين وفقاً للوائح OSHA و NFPA إذا كان "تصريح العمل الساخن" مطلوباً، فهجب على المقاول طلب الإذن من الشركة قبل مباشرة العمل.
- 2.2 تأمين الكابلات المؤقتة التي يضعها المقاول لضمان عدم قطعها لأي سبب.
- 2.3 تحديد الأماكن التي يتم فيها استخدام اللحام بالتنسيق وموافقة الشركة.
- 2.4 يجب استخدام نظارات واقية والدرع لحماية العين من أي ضرر خلال كل مراحل الفص التي تتطلب ذلك ويتحدد من الشركة.
- 2.5 أي خطوط يتم انشائها يجب أن تكون محمية ويعيده عن أي مخاطر أي كانت وبموافقة من الشركة.
- 2.6 أدوات الحماية يجب أن تكون غير قابلة للحرق أو التلف أثناء العمل.
- 2.7 التأكد أن أدوات الإطفاء عاملة وجاهزة قبل أي عمليات قص أو لحام...الخ.
- 2.8 عمليات القص يجب أن تكون في مواقع مفتوحة قدر الإمكان.
- 2.9 يعين شخص أو عدة أشخاص متفرغون أثناء العمل الذي يتطلب ذلك باسم "مراقبة الحريق".

3. الاعمال اليومية:

- 3.1 تخزين المواد بطريقة آمنة وغير معرضة للسقوط أو مخاطر الانسكاب.
- 3.2 إزالة مخلفات العمل اليومي يوماًياً كما كانت ونقلها إلى الحاويات و/أو سيارات النقل...الخ.
- 3.3 يجب عدم ترك أي مواد في الممرات الداخلية أو الخارجية وعلى ممثل الشركة القيام بجولات يومية ودورية للتأكد من ذلك.

4. الحماية الشخصية:

- 4.1 يجب ارتداء معدات الوقاية الشخصية عند الضرورة لاستكمال هذا المشروع بأمان.
- 4.2 يجب على العاملين اللجوء إلى مشرف السلامة لشرح أو تدريبهم على استخدامات أدوات السلامة وعلى المشرف أيضاً المبادرة بذلك.
- 4.3 يجب استخدام نظارات واقية ودروع للوجه وخوذات وغيرها من المعدات المماثلة لتلائم احتياجات حماية العين والوجه لكل موظف على حدة.
- 4.4 المقبعات المستخدمة من المقاول أو العاملين معه يجب أن تكون معتمدة من قبل ANSI، وأحذية اصبع القدم الصلبة، نظارات السلامة والسترات معتمدة من (HSVS).
- 4.5 سيتم ارتداء القمصان ذات الأكمام الطويلة وقمصان اللحام و/أو السترات حسب الطلب.
- 4.6 قفازات حسب الضرورة.
- 4.7 الأحذية ذات الأصابع الصلبة في هذا المشروع تكون وفق مواصفات ANSI.
- 4.8 تستخدم حماية الجهاز التنفسي كوقاية ضد الأدخنة الخطرة.

- 4.9 أوراق بيانات سلامة المواد (MSDS) موجودة في موقع العمل في كل وقت. يتم تجميع المجلدات MSDS على أساس المواد المخزنة في مقطورة العمل والشاحنات في الموقع. إذا تم تسليم المواد الجديدة في أي وقت سيتم إدراج نماذج MSDS
- 4.10 مطلوب استخدام أحزمة جسم كامل عند العمل على أعمال مرتفعة..
- 4.11 يجب ارتداء حماية الأذن أثناء تشغيل المعدات الثقيلة وتلك التي تصدر أصوات مزعجة وذات تأثير على الأذن/السمع.
- 4.12 يجب على المقاول الالتزام بلوائح الصحة والسلامة المطبقة في الشركة وإجراءاتها والتشريعات المحلية.
- 4.13 يجب على المقاول توفير وسائل اتصال مناسبة لجميع عمال البناء لتسهيل الاتصال بين العاملين وادارتهم أياً كانت.
- 4.14 يلتزم المقاول بتوفير معدات الوقاية الشخصية حسب المواصفات أعلاه لجميع العاملين معه.

5. خطوط الغاز الطبيعي:

حماية هذه الخطوط اثناء عمليات الهدم ومناولة الالبيات حيث هذه الخطوط تحتوي على الغاز الطبيعي الذي يسبب في تعرضه للطرق او الكسر لخطر الانفجار والحريق.

6. حاملات الكوابل الكهربائية المجدية للمرحلة الثانية:

تمر معظمها من الوحدات 2و1 وعليه يجب حمايتها اثناء اعمال الفك والمناولة وكذلك نظام مشترك الوحدات 2و1.

7. الهدم الميكانيكي:

يتضمن الهدم الميكانيكي استخدام محطة متنقلة تعمل بالطاقة، مثل الحفارات والرافعات والجرافات. فبد يكون هناك مزيج من طرق الهدم اليدوية والميكانيكية المطبقة ، ويجب ان تقدم شهادات اعتماد لهذه الآليات وان تكون انظمة الحماية بها كافية ووفق المتطلبات، واي هياكل تستخدم في عمليات الهدم يجب ان تكون وفقاً للمعايير المناسبة التي تقضي على المخاطر أو تقللها، بقدر ما يمكن عملياً كالحماية من التدهرج وما يترتب عليه من اضرار او سقوط الاجسام الصلبة والضخيج.

8. الأماكن المحصورة:

يحتوي الموقع على العديد من المساحات الضيقة وسيطلب الدخول إلى أي من هذه الأماكن الإلتزام ببرنامج دخول الاماكن المحصورة وإتباع تعليمات السلامة العامة المتعلقة بها من فحص الغازات وتوفير كشف دخول وخروج للأشخاص العاملين في الأماكن المحصورة وتوفير شخص لمراقبة دخول وخروج الأشخاص من هذه الأماكن.

9. الآليات والمركبات داخل الموقع:

- 9.1 على مندوب السلامة العامة التابع للمقاول التأكد من أن جميع المركبات والآليات التي ستعمل في الموقع لديها رخصة سارية المفعول من دائرة السير والمركبات ومؤمن عليها.
- 9.2 على مندوب السلامة العامة التابع للمقاول عمل فحص للمركبات للتأكد من صلاحيتها للعمل في المشروع وفق النموذج الذي سيزوده به مندوب السلامة في الشركة.
- 9.3 على مندوب السلامة العامة التابع للمقاول إصدار تصاريح خاصة للمركبات العاملة في الموقع بعد إتخاذ الإجراءات 1، 2 أعلاه لتسهيل دخول هذه المركبات للموقع من قبل الحراسات.
- 9.4 على المقاول توفير ضابط مرور للآليات داخل الموقع لمنع التصادم بين هذه الآليات.

10. معدات الرفع:

- 10.1 جميع الآليات التي ستستخدم في عمليات رفع وتنازل المواد (الكرين، الونشات) يجب أن تكون حاصلة على شهادة فحص طرف ثالث (Third party) وأن تكون شهادة الفحص سارية المفعول.
- 10.2 جميع معدات الرفع التي ستستخدم في عمليات رفع وتنازل المواد (بلانكو ، جنازير ، حلقات وصل أحمال / الخ) يجب أن تكون حاصلة على شهادة فحص طرف ثالث (Third party) وأن تكون شهادة الفحص سارية المفعول.
- 10.3 على المقاول والعاملين معه فحص الآليات ومعدات الرفع يومها قبل الإستخدام.

- 10.4 في حال لاحظ مندوب السلامة العامة في الشركة اي معدات رفع تالفة على المقاتول التخلص منها فوراً.
10.5 على المقاتول تزويد الشركة بخطة رفع عند القيام بعمليات رفع خطيرة وعدم القيام بالرفع قبل موافقة الشركة.

11. أذونات العمل وتنسيق الأعمال:

- 11.1 على المقاتول توفير شخص يقوم بتنسيق الأعمال في الموقع وإصدار أذونات العمل في الموقع على أن يحتفظ بنسخ من هذه الأذونات لديه.
11.2 قبل البدء اليومي في العمل على مسؤول كل فريق شرح الأعمال لعماله وإجراءات السلامة المطلوبة.

12. سلامة المعدات والسلامة الكهربائية:

- 12.1 يحق لمندوب السلامة في الشركة بعد التنسيق مع مندوب السلامة لدى المقاتول إستبعاد أي معدات غير آمنة من الموقع.
12.2 على المقاتول توفير خزانات ووصلات وأسلاك كهربائية آمنة، ويحق لمندوب السلامة في الشركة بعد التنسيق مع مندوب السلامة لدى المقاتول إستبعاد أي معدات كهربائية غير آمنة من الموقع.
12.3 على المقاتول توفير الوصلات والكوابل الكهربائية بما يتناسب مع الجهد الكهربائي للمعدة.

13. الحراسات والأمن: على المقاتول توفير الحراسات المطلوبة وتأمين معداته وأدواته والشركة غير مسؤولة عن أي سرقة أو فقد لأي من معداته في الموقع.

14. الترتيب والنظافة في الموقع:

- 14.1 على المقاتول ترتيب وتنظيف أي منطقة عمل يوميا بحيث لا يكون هناك تكديس للمواد في الموقع.
14.2 على المقاتول التخلص من النفايات أسبوعيا وعدم تكديسها في الموقع.
14.3 على المقاتول توفير مياه صالحة للشرب للعاملين معه وتوفير دورات مياه وتوفير مكان مناسب لتناول الطعام للعاملين معه.

15. إجراءات الطوارئ: عند حدوث حالة طوارئ، يجب على المقاتول:

- 15.1 تأمين المنطقة بإحكام وبسرعة ويتمثل ذلك بحصر المنطقة التي تتخللها حالة الطوارئ.
15.2 إخراج كافة العمالة والمعدات العاملة من المنطقة موضوع حالة الطوارئ.
15.3 إيقاف كافة مصادر الطاقة وإبعادها من المنطقة موضوع حالة الطوارئ.
15.4 يتوجب على ممثل الشركة و/ أو المقاتول الاتصال بأرقام هواتف الطوارئ ذات الأهمية (911).
15.5 يتوجب على ممثل الشركة اعلام الشركة فور حدوث أي طارئ او حادث.
15.6 التعرف على المراكز الطبية القريبة من الموقع هي مسؤولية المقاتول.

16. إجراءات الصريق:

- 16.1 التأكيد من وجود طفايات الحريق في المكان المناسب والتأكد من صلاحيتها.
16.2 التأكيد من أن جميع العاملين على دراية بمواقع طفايات الحريق.
16.3 التأكيد من معرفة وفطرة العاملين على استخدام الطفاية المناسبة والمعرفة المناسبة بمكافحة الحريق.
16.4 تأمين المنطقة بإحكام وبسرعة ويتمثل ذلك بحصر المنطقة التي تتخللها حالة الطوارئ.
16.5 إخراج كافة العمالة والمعدات العاملة من المنطقة موضوع حالة الطوارئ.
16.6 إيقاف كافة مصادر الطاقة وإبعادها من المنطقة موضوع حالة الطوارئ.
16.7 الاتصال مع الدفاع المدني.

17. فك نظام الحريق يتم الفك لكل معدة بشكل منفصل لإبقاء النظام عامل و عند الانتهاء يتم فك الخطوط الرئيسية و عزله

- وكذلك نظام انذار الحريق.
18. خطة لعمليات الإنقاذ في الأماكن المحصورة والعمل على مرتفعات .
 19. خطة للسيطرة على ومعالجة الانسكابات .
 20. بيان الطريقة في جميع عمليات الرفع .
 21. تجهيز موقع مخصص لتخزين الأسطوانات المضغوطة حسب إجراءات السلامة.
 22. تجهيز موقع مخصص للمواد الكيميائية حسب إجراءات السلامة.
 23. تجهيز موقع مخصص للنفايات وحاويات للنفايات الخطرة حسب إجراءات السلامة.
 24. استخدام الأجهزة المعايير للكشف عن الغازات واستخدام الانارة المخصص للأماكن المحصورة حسب إجراءات السلامة.
 25. توفير مواد اسعافات أولية ومسعفين مدربين .
 26. الالتزام في إجراءات مكافحة فايروس كورونا وتشمل الحصول على المطعم كاملاً وبيان الحالة الصحية لفريق العمل .
 27. توفير أقفال وصناديق لتطبيق اجراء عزل مصادر الخطر.
 28. الإبلاغ الفوري عن أي حادثة تحدث اثناء تنفيذ العمل.
 29. توفير جميع المعدات والأدوات لخطة الإنقاذ والانسكاب والرفع ومكافحة الحريق.
 30. توفير عمال متخصصه في بناء السقالات ومفتشين للسقالات يحملون شهادات تمهولهم بذلك .
 31. إضافة تصنيف النفايات الخطرة حسب إجراءات الشركة وكيفية تخزينها والتخلص منها من قبل المقاول .
 32. إضافة خطة لمكافحة انسكاب المواد الكيميائية والزيوت خاصه بالمقاول .
 33. إضافة خطة طوارئ خاصة بالمقاول .

ملاحظة: سيتم إعداد قائمة بأرقام هواتف الطوارئ ذات الصلة وتوزيعها على عدة مناطق في موقع المشروع.

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة - محطة العقبة الحرارية

ملحق رقم (6): نموذج وثيقة تعهد والتزام المزاد أو (و) المتعهد/المشتري

عطوفة الرئيس التنفيذي لشركة توليد الكهرباء المركزية

عمان - الأردن

تحية وبعد ...

1. بناء على دعوة عطاء البيع رقم (2/2020/7) والتي تعتبر جزء من هذه الوثيقة وبعد الاطلاع على الشروط العامة والخاصة نتعهد نحن الموقعين أدناه بتنفيذ الأعمال المطلوبة وذلك حسب الشروط والتعليمات العامة المذكورة في كافة وثائق العطاء وملحقاته واي مراسلات خطية تمت بين الطرفين واقرت بها الشركة خطياً، وذلك وفقاً للأسعار المبينة في عرضنا.
2. في حالة الاحالة علينا نتعهد ببدء العمل خلال اسبوع كحد اقصى من تاريخ استلام قرار الاحالة.
3. تبقى أسعارنا سارية المفعول وغير جائز الرجوع عنها لمدة (120) يوماً من تاريخ الإغلاق المعرف في التعليمات والشروط العامة والخاصة الواردة في نسخة العطاء.
4. تعتبر هذه الوثيقة ووثائق العطاء وملحقاته بالإضافة إلى كتاب الإحالة وأي مراسلات خطية بين الطرفين اقرت بها الشركة خطياً عقداً ملزماً للشركة والمتعهد/المشتري.
5. انعهد بتفديم كفالة حسن تنفيذ بمقدار (1,000,000.00) مليون ديناراً اردنياً خلال مدة لا تتجاوز (10) أيام تالية لصدور كتاب الإحالة وحسب النموذج المرفق.
6. اتعهد ان تكون كفالة حسن التنفيذ صادرة بنفس اسم المتعهد/المشتري صاحب العرض وبخلاف ذلك وبالرغم من أي نص اينما ورد بما فيها على سبيل المثال لا الحصر قرار الاحالة فاني افوض الشركة تفويضاً لا رجعة فيه بمصادرة كفالة دخول العطاء وللشركة الحق منفردة الغاء الإحالة ودون الحاجة لأي اشعار أو قرار قضائي ولا يحق للمتعهد المشتري الاعتراض على ذلك ولا يستحق أي تعويض مادي أو معنوي نتيجة المصادرة لكفالة الدخول في العطاء أو الإلغاء للإحالة
7. نيين فيما يلي الرقم الوطني الضريبي هو () .

التوقيع :

المخول بالتوقيع نيابة عن :

المشتري/المتعهد

العنوان :

المهنة :

الهاتف :

التاريخ : / / 2021

شركة توليد الكهرباء المركزية
عطاء البيع رقم 2/2020/7
بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة
محطة العقبة الحرارية

ملحق رقم (7): المواد المستثناة من البيع

1. غرفة المراقبة والتحكم الرئيسية وغرفة المرحلات
2. الكوابل ومسارات الكوابل ومحتوياتها وملحقاتها
3. جميع ما هو تحت الأرض وتشمل على سبيل المثال لا الحصر الكوابل بأنواعها كهرباء اتصالات انترنت، خطوط البحر، خطوط الحريق
4. غرفة الزيوت المشتركة ومضخات التصفية وغرفة الكهرباء المشترك في مبنى التوربين الطابق الأرضي
5. جميع المباني والمواد المتعلقة بخدمات المباني وتشمل على سبيل المثال لا الحصر الإنارة والتكييف والتوصيلات الكهربائية والروافع الرأسية والهياكل المعدنية، والشبك المعدني في صالة التوربينات
6. مدخنة الوحدة الأولى والثانية
7. اعمال الهدم كافة، وفك الأجزاء المستهدفة في البيع بأسلوب ميكانيكي هندسي
8. نظام الحريق المغذي لمعدات المرحلة الأولى
9. المبنى المتواجدة فيه قطع الغيار المشمولة في البيع وما تحويه من هيكل معدني ورفوف
10. الأرض
11. أي مواد لم تذكر في قائمة المواد المشمولة في البيع

ملحق رقم (8): المستزمات والمواد والقطع المختلفة بالوحدة المشمولة في البيع.

#	Equipment Description	Qty	rated Unit	W/mated	Total Weir	material	TYPE OF METAL
1	Motor for CW P/P	1	17,000		17,000	metal	Copper+steel
2	TRANSF.(TS) 450/400V 6000VA MODEL 51E595	1	60		60	metal	Copper+steel
3	ROTOR FOR MAIN GEN. STAGE 1 1412A 0.1563	1	40,000		40,000	metal	Copper+steel
4	MOTOR 6.6KV 200A 2MW 1450RPM TYPE F4K8-H	1	7,000		7,000	metal	Copper+steel
5	MOTOR 6.6KV 58A 520KW 740RPM TYPE F4K7-H	1	5,300		5,300	metal	Copper+steel
6	(950)KW,6600V,985RPM,MOTOR FOR FORCED DR	1	6,000		6,000	metal	Copper+steel
7	DC MOTOR 250VDC 37A 7.2KW 2500RPM TYPE D	1	295		295	metal	Copper+steel
8	MOTOR 415V 53.4A 26KW 970RPM 6POLE WOUND	1	567		567	metal	Copper+steel
9	MOTOR 415V 111A 62KW 970RPM 6POLE WOUNDE	1	689		689	metal	Copper+steel
10	MOTOR 250VDC 84A 15KW 3000RPM	1	300		300	metal	Copper+steel
11	MOTOR 200V 81A 22KW 1460RPM 4POLE TYPE S	1	250		250	metal	Copper+steel
12	STATOR(STATIONARY FIELD) EXCITOR WINDING	1	250		250	metal	Copper+steel
13	ROTOR AE AC THREE PHASE EXCITER ARMATURE	1	250		250	metal	Copper+steel
14	BALLAST FOR MERCURY LAMP 1000W 250V 50HZ	1	10		10	metal	Copper+steel
15	TRANSF. 3X400/6X0-44 VAC 29.5/308A 50HZ	1	400		400	metal	Copper+steel
16	TRANSFORMER 415/240VAC 2.42/4.2A 10KVA E	1	21		21	metal	Copper+steel
17	WELDING ROD 4MM ELECTRODE E.6019	230	1		230	metal	steel
18	WELDING ROD 4MM ELECTRODE E.7010-A1	240	1		240	metal	steel
19	WELDING ROD 4MM ELECTRODE E.7018	600	1		600	metal	steel
20	WELDING ROD 4.8MM ELECTRODE E.8018-B2E90	350	1		350	metal	steel
21	WELDING ROD MONEL 187/1/8" ECU NI 3.2MM	170	1		170	metal	steel
22	WELDING ELECTRODE 3.25MM E 9015-B3	180	1		180	metal	steel
23	WELDING ELECTRODE E-7015-A1 4.0/350MM.	100	1		100	metal	steel
24	HEX. BOLT 22X175MM (BLACK+YELLOW)	96	0		27	metal	steel
25	ELBOW 4" SCH.40 A234 WPB B.W 90 DEG.	100	4		400	metal	steel
26	ELBOW 4" SCH.40 A234 WPB B.W 45 DEG. S.R	50	2		100	metal	steel
27	TEE 4" SCH.40 A234 WPB B.W	60	5		270	metal	steel
28	STUD BOLT 30X207MM C.5 WITH NUTS & WASHE	649	1		630	metal	steel
29	STUD BOLT 27X180MM A193 WITH NUTS & WASH	390	1		270	metal	steel
30	STUD BOLT 22X150MM WITH NUTS & WASHERS	146	0		56	metal	steel
31	STUD BOLT 20X125MM WITH NUTS & WASHERS	460	0		118	metal	steel
32	PIPE 14" SCH.140 A 106-C L5MR SMLS	5	1,243		6,215	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

33	PIPE 4" DUCTILE IRON	165	110	18,150	metal	steel
34	PIPE 8" DUCTILE IRON	28	231	6,468	metal	steel
35	PIPE 12" DUCTILE IRON	50	421	21,050	metal	steel
36	ELBOW 14" DUCTILE IRON 45 DEG.	25	82	2,050	metal	steel
37	T BOLT 20X090MM C.S WITH NUT	3262	0	1,304	metal	steel
38	GLOBE V/V 3/4" 600LB A105 S.W	20	4	80	metal	steel
39	SHAFT	1	15	15	metal	steel
40	BALL V/V 1" 300LB WCB FLANGED F.B	8	5	40	metal	steel
41	BALL V/V 2" 300LB WCB FLANGED F.B	6	12	72	metal	steel
42	PIPE 14" SCH.160 A153 L2160MM	4	600	2,400	metal	steel
43	SPHERE PICKER FOR NO. 2 F.O.	1	13	13	metal	steel
44	REDUCER 6X8" DUCTILE IRON	50	26	1,300	metal	steel
45	SWING CHECK V/V 5" 300LB WCB FLANGED	3	90	270	metal	steel
46	BALL V/V 6" 300LB 216 WCB FLANGED (G.P.R	5	100	500	metal	steel
47	BALL V/V 5" 300LB C.S FLANGED	7	54	380	metal	steel
48	BALL V/V 8" 150LB WCB B.W WITH ARM	6	70	420	metal	steel
49	SWING CHECK V/V 18" 300LB WCB FLANGED	2	750	1,500	metal	steel
50	PIPE 18" SCH STD API 5L-GR. B L12000MM	5	1,239	6,195	metal	steel
51	GLOBE V/V 1/2" 600LB A105 S.W	20	2	40	metal	steel
52	ELBOW 3/4" 9000 316 S.W 90 DEG.	35	2	53	metal	steel
53	ELBOW 1 1/2" 3000 A105 S.W 90 DEG.	60	1	53	metal	steel
54	HALF COUPLING 1" 6000 A105 S.W	60	1	59	metal	steel
55	COUPLING 1 1/2" 3000 A105 S.W	110	1	56	metal	steel
56	TEE 1 1/2" 3000 A105 S.W	50	1	70	metal	steel
57	COUPLING 2" SCH.80 A105 S.W	80	1	88	metal	steel
58	ELBOW 2" 9000 A105 S.W 90 DEG.	20	4	86	metal	steel
59	ELBOW 1 1/2" 9000 A105 S.W 90 DEG.	35	3	94	metal	steel
60	FLANGE S.O 1" 150LB A105	120	3	408	metal	steel
61	PIPE 2" SCH.40 A53 B (STPG42) L5500MM	153	29	4,437	metal	steel
62	PIPE CARBON ST. A 106B 1 1/2" SCH.40	465	4	1,849	metal	steel
63	ELBOW 1 1/2" 9000 F22 S.W 90 DEG.	20	3	58	metal	steel
64	ELBOW 16" SCH.40 A234 WPB B.W 90 DEG. L.	4	125	500	metal	steel
65	ELBOW 14" DUCTILE CAST IRON 22 1/2 DEG.	11	106	1,166	metal	steel

66	ELBOW 6" DUCTILE CAST IRON 90 DEG.	55	25	1,375	metal	steel
67	ELBOW 8" DUCTILE CAST IRON 90 DEG.	30	46	1,380	metal	steel
68	TEE 350X250MM DUCTILE CAST IRON	7	120	840	metal	steel
69	DUCTILE CAST IRON FLANGE 4" TRIANGLE	400	1	300	metal	steel
70	DUCTILE CAST IRON FLANGE 200MM	80	3	240	metal	steel
71	DUCTILE CAST IRON FLANGE 150MM	100	3	250	metal	steel
72	DUCTILE CAST IRON FLANGE 350MM	69	10	690	metal	steel
73	ELBOW 4" DUCTILE CAST IRON 90 DEG.	30	9	270	metal	steel
74	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 1.30 MM	36.96	1	37	metal	COPPER
75	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 1.32 MM	41.9	1	42	metal	COPPER
76	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 2.25 MM	527.25	1	527	metal	COPPER
77	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 1.65 MM	300.85	1	301	metal	COPPER
78	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 1.70 MM	273.95	1	274	metal	COPPER
79	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.25 MM	38.605	1	39	metal	COPPER
80	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.28 MM	38	1	38	metal	COPPER
81	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.30 MM	22.035	1	22	metal	COPPER
82	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.315 MM	35.28	1	35	metal	COPPER
83	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.335 MM	53.44	1	53	metal	COPPER
84	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.40 MM	26.53	1	27	metal	COPPER
85	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 1.12 MM	80.18	1	80	metal	COPPER
86	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 1.18 MM	146.019	1	146	metal	COPPER
87	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 1.25 MM	130	1	130	metal	COPPER
88	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 1.60 MM	124.45	1	124	metal	COPPER
89	ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 2.00 MM	476.7	1	477	metal	COPPER
90	cables	500	0	11	metal	copper
91	cables	2300	0	82	metal	copper
92	cables	150	4	667	metal	copper
93	cables	290	3	929	metal	copper
94	cables	150	1	135	metal	copper
95	cables	100	0	25	metal	copper
96	cables	150	0	60	metal	copper
97	cables	390	1	250	metal	copper
98	cables	491	1	420	metal	copper

99		cables	230	2	491	metal	copper
100		cables	500	1	356	metal	copper
101		cables	25	0	2	metal	copper
102		cables	430	0	19	metal	copper
103		ENAMELLED CU CONDUCTOR FOR MOTOR WINDING (0.200)MM	62.12	1	62	metal	COPPER
104		ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.80 MM	40.214	1	40	metal	COPPER
105		ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.85 MM	140.741	1	141	metal	COPPER
106		ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.90 MM	48.375	1	48	metal	COPPER
107		ENAMELLED CU CONDUCTOR FOR MOTOR WINDING (0.100)MM	77.665	1	78	metal	COPPER
108		ENAMELLED CU CONDUCTOR FOR MOTOR WINDING 0.60 MM	45.265	1	45	metal	steel
109		ROUND HEAD SCREW 10X20MM S.S	2500	0	62	metal	stainless steel
110		HEX. BOLT 2X3/4"	316	0	77	metal	steel
111		HEX. BOLT 2X7/8" WITH NUT	400	0	128	metal	steel
112		HEX. BOLT 16X150MM	190	0	50	metal	steel
113		HEX. BOLT 16X220MM	250	0	90	metal	steel
114		HEX. BOLT 16X220MM طول 50 x 16	1345	0	128	metal	steel
115		HEX. SCREW 6.4X019MM WITH WASHER	37000	0	200	metal	steel
116		HEX. BOLT 3X7/8" WITH NUT	169	0	73	metal	steel
117		HEX. BOLT 3/4X2 1/4" GLV. WITH NUT & WAS	600	0	174	metal	steel
118		HEX. BOLT 7/8"X048MM C.S WITH NUT	450	0	135	metal	steel
119		HEX. BOLT 7/8"X063MM GLV.	700	0	203	metal	steel
120		NUT 7/8" GLV.	612	0	76	metal	steel
121		NUT 20MM	5800	0	406	metal	steel
122		FLANGE 2 1/2" OD. 188MM THK. 40MM CC.142	10	7	70	metal	steel
123		BALL V/V 3/4" 316L NPTF	40	1	36	metal	stainless steel
124		MANIFOLD V/V 1/2" 6000 DSS3 NPT 5V/V	21	3	63	metal	steel
125		MANIFOLD V/V 1/2" 6000 DM35 NPT 5V/V	18	3	54	metal	steel
126		MANIFOLD V/V 1/2" 6000 LMS3 NPT 5V/V	13	3	39	metal	steel
127		GLOBE V/V 1/2" 2500 F316 B.W NIPPLES	51	2	97	metal	stainless steel
128		COUPLING 1/2" 9000 F316L S.W	90	0	28	metal	stainless steel
129		COUPLING 1/2" 6000 F316L S.W	160	0	30	metal	stainless steel
130		CONCENTRIC REDUCER 1"X1/2" SCH.160 316L	160	0	54	metal	stainless steel
131		AIR SUPPLY DISTRIBUTION POT 10-OUTS 1/2"	30	4	114	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

132		cables	740	0	0	20	metal	copper
133		cables	742	0	0	50	metal	copper
134		CAP 2" 3000 A105 S.W	60	1	1	60	metal	steel
135		ELBOW 2" 3000 A105 S.W 45 DEG.	25	1	1	35	metal	steel
136		ELBOW 1 1/2" 3000 A105N S.W 90 DEG.	600	0	0	144	metal	steel
137		ELBOW 1" 3000 A105N S.W 90 DEG.	271	0	0	122	metal	steel
138		ELBOW 1 1/2" 3000 A105N S.W 90 DEG.	50	1	1	47	metal	steel
139		ELBOW 1 1/2" 6000 A105 S.W 90 DEG.	340	0	0	139	metal	steel
140		TEE 1/2" 3000 A105 S.W	150	0	0	48	metal	steel
141		TEE 3/4" 3000 A105 S.W	221	0	0	88	metal	steel
142		TEE 1" 3000 A105 S.W	280	1	1	168	metal	steel
143		TEE 1 1/2" 3000 A105N S.W	220	1	1	264	metal	steel
144		TEE 2" 3000 A105N S.W	170	2	2	384	metal	steel
145		REDUCER TEE 1"X1/2" 6000 A105N S.W	90	2	2	135	metal	steel
146		REDUCER TEE 1"X3/4" A105 S.W	80	1	1	92	metal	steel
147		REDUCER TEE 1"X1/2" 3000 A105N S.W	350	1	1	245	metal	steel
148		REDUCER TEE 1 1/2"X3/4" 3000 A105N S.W	90	2	2	144	metal	steel
149		REDUCER TEE 2"X3/4" 3000 A105N S.W	60	3	3	150	metal	steel
150		REDUCER TEE 2"X1" 3000 A105N S.W	100	3	3	250	metal	steel
151		CAP 10" STD WP8 B.W	20	9	9	180	metal	steel
152		ELBOW 3" STD WP8 B.W 45 DEG.	65	1	1	71	metal	steel
153		ELBOW 4" STD WP8 B.W 45 DEG. S.R	50	2	2	100	metal	steel
154		ELBOW 6" STD WP8 B.W 45 DEG.	40	5	5	196	metal	steel
155		ELBOW 6" STD WP8 B.W 90 DEG. L.R	40	10	10	388	metal	steel
156		CONCENTRIC REDUCER 10"X8" STD WP8 B.W	5	9	9	45	metal	steel
157		ECCENTRIC REDUCER 6"X4" SCH.XXS WP8 B.W	6	9	9	55	metal	steel
158		TEE 3" STD WP8 B.W	50	3	3	150	metal	steel
159		TEE 8" SCH 40 A234 WP8 B.W	4	13	13	52	metal	steel
160		REDUCER TEE 4"X3" STD WP8 B.W	20	4	4	85	metal	steel
161		ELBOW 2" SCH.XXS WP22 B.W 90 DEG.	50	2	2	83	metal	steel
162		ELBOW 1 1/2" 3000 316L S.W 90 DEG.	120	1	1	96	metal	stainless steel
163		TEE 2" 3000 F304L S.W	40	2	2	72	metal	stainless steel
164		REDUCER TEE 2"X1/2" 3000 F304L S.W	25	3	3	67	metal	stainless steel

ملحق رقم (8): المستويات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

165	REDUCER TEE 2"x3/4" 3000 304L S.W	20	3	3	54	metal	stainless steel
166	REDUCER TEE 2"x1" 3000 F304L S.W	13	3	3	33	metal	stainless steel
167	REDUCER 2"x 1/2" 3000 F304L S.W	85	1	1	106	metal	stainless steel
168	NIPPLE 3/4"x100MM SCH.80 304L NPT/M	390	0	0	74	metal	stainless steel
169	ELBOW 6" 105 304L WP B.W 90 DEG.	17	6	6	102	metal	stainless steel
170	FLANGE S.W 1" 150LB A105N SCH.XS RF	70	1	1	42	metal	steel
171	FLANGE S.W 1 1/2" 150LB A105N STD RF	35	1	1	52	metal	steel
172	FLANGE S.W 2" 150LB A105N STD RF	40	2	2	88	metal	steel
173	BLIND FLANGE 6" 300LB A105N RF	6	21	21	126	metal	steel
174	BLIND FLANGE 8" 300LB A105N RF	8	34	34	274	metal	steel
175	FLANGE W.N 3" 150LB A105N STD RF	70	5	5	350	metal	steel
176	FLANGE W.N 4" 150LB A105N STD RF	50	7	7	350	metal	steel
177	FLANGE W.N 4" 300LB A105N SCH.40 RF	27	11	11	302	metal	steel
178	FLANGE W.N 5" 300LB A105N SCH.40	27	15	15	405	metal	steel
179	FLANGE W.N 6" 300LB A105N STD	31	19	19	589	metal	steel
180	FLANGE W.N 8" 300LB A105N STD RF	2	30	30	60	metal	steel
181	FLANGE W.N 12" 300LB A105N SCH.40 RF	8	62	62	494	metal	steel
182	STUD BOLT 1"x142MM C.S WITH NUTS	120	1	1	102	metal	steel
183	STUD BOLT 1"x147MM C.S WITH NUTS	70	1	1	58	metal	steel
184	STUD BOLT 1"x170MM C.S WITH NUTS	145	1	1	134	metal	steel
185	STUD BOLT 5/8"x090MM BRONZE WITH NUTS	600	0	0	69	metal	steel
186	BALL V/V 2" 150LB A105 FLANGED F.B	14	13	13	186	metal	steel
187	GLOBE V/V 3/4" 800LB F22 S.W	20	3	3	66	metal	steel
188	ANGLE GLOBE V/V 1 1/2" 1500 F11 S.W	5	25	25	124	metal	steel
189	GLOBE V/V 2" 150LB NAL BRONZE FLANGED	34	10	10	353	metal	COPPER
190	FLANGE S.O 2" 150LB A105 RF	40	2	2	88	metal	steel
191	GATE V/V 4" 300LB WCB FLANGED	6	70	70	420	metal	steel
192	GLOBE V/V 1/4" 800LB A105N S.W	100	3	3	320	metal	steel
193	ELBOW 2" 3000 A105N NPTF 45 DEG.	60	2	2	144	metal	steel
194	ELBOW 1" 3000 A105 NPTF 90 DEG.	70	1	1	77	metal	steel
195	ELBOW 1 1/4" 3000 A105N NPTF 90 DEG.	105	1	1	143	metal	steel
196	ELBOW 1 1/2" 3000 A105N NPTF 90 DEG.	65	2	2	159	metal	steel
197	ELBOW 2" 3000 A105N NPTF 90 DEG.	50	3	3	125	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشغولة في البيع.

198	TEE 1 1/2" 3000 A10SN NPTF	20	3	60	metal	steel
199	ELBOW 1 1/2" 6000 A10S S.W 90 DEG.	120	3	312	metal	steel
200	ELBOW 2" 6000 A10S S.W 45 DEG.	45	3	124	metal	steel
201	ELBOW 1 1/2" 6000 A10S S.W 45 DEG.	65	2	130	metal	steel
202	ELBOW 3/4" 6000 A10S S.W 45 DEG.	55	1	30	metal	steel
203	ELBOW 2 1/2" SCH.80 WPB B.W 90 DEG.	35	2	61	metal	steel
204	REDUCER TEE 2"x3/4" 6000 A10S S.W	80	4	340	metal	steel
205	ELBOW 2" SCH.XXS WPB B.W 90 DEG. L.R	75	2	131	metal	steel
206	ELBOW 2" SCH.160 WPB B.W 90 DEG. S,R	260	1	338	metal	steel
207	REDUCER TEE 2"x1" 6000 A10S S.W	150	4	627	metal	steel
208	TEE 1/2" 3000 316L NPTF	250	1	137	metal	stainless steel
209	SOCKET 1 1/4"x1" 3000 A10SN NPTM	30	1	30	metal	steel
210	SOCKET 1 1/2"x1" 3000 A10SN NPTM	30	1	39	metal	steel
211	ELBOW 1 1/2" SCH.160 WPB B.W 90 DEG.	115	1	95	metal	steel
212	ELBOW 1" SCH.160 WPB B.W 90 DEG.	140	0	39	metal	steel
213	ELBOW 1" SCH.160 316L WP B.W 90 DEG.	130	0	33	metal	stainless steel
214	ELBOW 1" SCH.XXS WPB B.W 90 DEG.	95	0	30	metal	steel
215	RED TEE 4X2" SCH.40 WPB	15	5	69	metal	steel
216	ELBOW 1" 6000 A10SN S.W 90 DEG.	180	1	198	metal	steel
217	ELBOW 3/4" 3000 304L NPTF 90 DEG.	340	1	216	metal	stainless steel
218	REDUCER TEE 4"x3" 3000 A10SN NPTF	7	19	135	metal	steel
219	REDUCER TEE 3"x1 1/2" 3000 A10SN NPTF	6	11	77	metal	steel
220	CONCENTRIC SWAGE NIPPLE 2"x1 1/2" SCH.80	90	1	99	metal	steel
221	CONCENTRIC SWAGE NIPPLE 2"x3/4" SCH.80 A	25	165	4,125	metal	steel
222	ELBOW 18" SCH.40 WPB B.W 90 DEG. L.R	7	82	574	metal	steel
223	ELBOW 18" SCH.40 WPB B.W 45 DEG. L.R	5	79	395	metal	steel
224	TEE 18" SCH.40 A234 GR.WPB B.W	2	166	332	metal	steel
225	ELBOW 3" 40S 316/316L WP B.W 90 DEG.	30	2	57	metal	stainless steel
226	ELBOW 2 1/2" SCH.XXS WP22 B.W 90 DEG.	15	3	45	metal	steel
227	STUD BOLT 27X190MM C.S WITH NUT& WASHERS	70	1	80	metal	steel
228	FLANGE S.O 4" 150LB PN20 A10SN RF	12	5	55	metal	steel
229	FLANGE W.N 18" 300LB A10S RF	17	131	2,227	metal	steel
230						

231	FLANGE W.N 14" 300LB A105 RF	4	85	340	metal	steel
232	BLIND FLANGE 18" 300LB A105 ANSI B16.5 R	2	175	350	metal	steel
233	BLIND FLANGE 14" 300LB A105 ANSI B16.5 R	4	105	420	metal	steel
234	BLIND FLANGE 12" 300LB A105 ANSI B16.5 R	8	79	630	metal	steel
235	BLIND FLANGE 5" 300LB RF A105 ANSI B16.5	6	16	94	metal	steel
236	BLIND FLANGE 4" 300LB A105 ANSI B16.5 RF	4	12	46	metal	steel
237	FLANGE S.O 24" 150LB A105N RF	4	87	348	metal	steel
238	ELBOW 2 1/2" SCH.160 WP.1 B.W 90 DEG.	20	2	44	metal	steel
239	REDUCER TEE 2 1/2"x2" SCH.160 WPB B.W	12	4	45	metal	steel
240	UNION 1" 3000 A105N S.W	450	1	328	metal	steel
241	UNION 3/4" 3000 F304L NPTF	350	1	199	metal	stainless steel
242	PIPE, 18" MM, A106-B MAT, SCH STD LB, SEAMLESS TYPE	812	103	83,872	metal	steel
243	PIPE 3" SCH.40 A106B	450	11	4,991	metal	steel
244	PIPE 6" SCH.160 SA335 P12	37	66	2,455	metal	steel
245	PIPE 2 1/2" SCH.160 C.S	230	15	3,370	metal	steel
246	PIPE 3" SCH.160 A106B	40	21	850	metal	steel
247	PIPE C.S OD127MM THK1.2MM	17	31	534	metal	steel
248	PIPE 14" SCH.40 A106B	69	93	6,407	metal	steel
249	PIPE 14" SCH.STD A106B	46	80	3,674	metal	steel
250	PIPE 14" SCH.XS A106B	30	105	3,164	metal	steel
251	PIPE 8" SCH.80 A106B	74	63	4,698	metal	steel
252	PIPE 8" SCH.40 A335 P11	51	42	2,131	metal	steel
253	PIPE 18" SCH.STD A106B	31	103	3,202	metal	steel
254	PIPE 16" SCH.40 A106	81	119	9,650	metal	steel
255	PIPE 8" SCH.40 A106B	136	42	5,683	metal	steel
256	PIPE 1" SCH.40 A106-B SMLS	893	2	2,195	metal	steel
257	HAUF COUPLING 2" 6000 A105 S.W OD. 82MM	30	2	45	metal	steel
258	cables	50	0	5	metal	copper
259	cables	965	0	26	metal	copper
260	cables	165	0	1	metal	copper
261	cables	430	0	8	metal	copper
262	cables	1535	0	656	metal	copper
263	cables	400	0	107	metal	copper

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

264	TELEPHONE CABLE	400	0	0	71	metal	copper
265	cables	170	0	0	27	metal	copper
266	cables	790	0	0	37	metal	copper
267	cables	200	0	0	53	metal	copper
268	cables	450	0	0	192	metal	copper
269	cables	175	0	0	40	metal	copper
270	cables	354	0	0	85	metal	copper
271	cables	1130	0	0	181	metal	copper
272	cables	100	0	0	48	metal	copper
273	cables	100	0	0	30	metal	copper
274	cables	600	0	0	13	metal	copper
275	cables	350	0	0	9	metal	copper
276	cables	100	0	0	43	metal	copper
277	cables	20	1	1	25	metal	copper
278	cables	400	2	2	726	metal	copper
279	cables	100	0	0	36	metal	copper
280	cables	200	0	0	11	metal	copper
281	SEAL STRIPS LOCKING STRIPS - COMPL.	1	10	10	10	metal	stainless steel
282	A COMPLETE SEAL STRIPS (FIXED AND ROTAT	1	11	11	11	metal	steel
283	SEAL LOCKING STRIPS A COMPLETE	1	58	58	58	metal	steel
284	A COMPLETE SEAL STRIPS	1	60	60	60	metal	steel
285	A COMPLETE SEAL STRIPS	1	4	4	4	metal	steel
286	ALEN KEY BOLT 22X300MM	4	1	1	3	metal	steel
287	NUT 1 3/4" C.S	4	1	1	3	metal	steel
288	INTERMEDIATE BALANCE PISTON SEAL RING	3	6	6	17	metal	steel
289	HP-IP BALANCE PISTON SEAL RING ASSY	5	9	9	45	metal	steel
290	2.ND STAGE IP BALANCE SEAL STRIPS (SMALL	1	7	7	7	metal	steel
291	SHOE (BABBITT FACED)	3	5	5	14	metal	stainless steel
292	BASE RING (LOWER HALF)	4	17	17	68	metal	steel
293	SHAFT OIL SEAL RING (THRUST BRG)	1	1	1	1	metal	copper
294	CAGE LINER (UPPER HALF)	4	5	5	20	metal	steel
295	OIL SEAL RING (SPECIAL)	2	1	1	2	metal	copper
296	SEAL STRIP	84	0	0	38	metal	steel

363	SHAFT PROTECTION SLEEVE	1	3	3	3	metal	steel
364	PUMP SHAFT	1	35	35	35	metal	stainless steel
365	SHAFT NUT PART NO. 160/4 C.S (SPECIAL)	5	200	1,000	1,000	metal	steel
366	SLEEVE NUT (M68X1.5) S.S (SPECIAL)	7	1	4	4	metal	copper
367	DOUBLE ENTRY IMPELLER	3	25	75	75	metal	copper
368	STUD BOLT 22X175MM	170	0	77	77	metal	steel
369	NUT 22MM	326	0	24	24	metal	steel
370	TUBES 19.05 D=1.24 MM	270	2	630	630	metal	copper
371	COOLING WATER TUBE 7/8 INCH 18 BWG	900	6	5,030	5,030	metal	copper
372	COOLING WATER TUBE 7/8 INCH 18 BWG	96	6	537	537	metal	copper
373	HEX. BOLT 36X100MM C.S	210	1	252	252	metal	steel
374	STUD BOLT 36X132MM BRASS	216	1	216	216	metal	copper
375	STUD BOLT 36X177MM COPPER W.8 TUBE PLATE	256	1	351	351	metal	bronze
376	HEX. BOLT 20X050MM COPPER	61	0	12	12	metal	copper
377	HEX. BOLT 20X055MM COPPER	64	0	13	13	metal	copper
378	JACK BOLT 22X080MM	132	0	17	17	metal	steel
379	NUT 36MM COPPER	864	0	302	302	metal	copper
380	COW NUT 36MM COPPER	256	126	32,169	32,169	metal	bronze
381	NUT 36MM	854	0	384	384	metal	steel
382	NUT 36MM COPPER	216	1	151	151	metal	copper
383	COMPLETE RECIRC PUMP	2	130	260	260	metal	steel
384	SHAFT	1	4	4	4	metal	steel
385	IMPELLER	1	6	6	6	metal	steel
386	SQUARE HEAD BOLT 1 1/8" X4" COPPER	14	1	15	15	metal	copper
387	FRONT BEARING	1	7	7	7	metal	steel
388	SUCTION VALVE 1-STAGE 174 R1 COMPLETE	8	3	22	22	metal	steel
389	DISCHARGE V/V 1-STAGE 174 R1 COMPLETE	6	4	23	23	metal	steel
390	SUCTION VALVE 2 STAGE 174 R1 COMPLETE	6	6	35	35	metal	steel
391	SUCTION VALVE CAGE 1 STAGE	2	3	7	7	metal	steel
392	PISTON 1-STAGE	1	12	12	12	metal	steel
393	PISTON 2-STAGE	2	6	12	12	metal	steel
394	PISTON ROD 1-2-STAGE	3	7	21	21	metal	stainless steel
395	COVER AIR PACKING GOOGLES	5	3	15	15	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدة المشغولة في الحج.

396	VALVE UNLOADING (FORK)	17	0	5	5	metal	steel
397	OIL SCRAPER GOOGLES.	10	1	6	6	metal	steel
398	CROSS HEAD LINER	4	5	19	19	metal	steel
399	CROSS HEAD	4	4	15	15	metal	steel
400	CROSS HEAD PIN D50/34X99 WITH LOCKING CI	6	1	5	5	metal	steel
401	CROSS HEAD BUSHING P.14	12	0	4	4	metal	copper
402	CRANK BEARING	6	1	6	6	metal	steel
403	MAIN OIL PUMP NGRI-D 45/135	1	5	5	5	metal	steel
404	MAIN VALVE (CHANGE OVER VALVE)	1	34	34	34	metal	steel
405	INCLINED SEAT GATE VALVE 1.5"	2	2	4	4	metal	steel
406	SILENCER R1 1/2 INCH	2	1	1	1	metal	aluminium
407	DESSICANT ACIVATED-ALUMINO	750	1	760	760	silica gel	silica gel
408	AXIAL PISTON PUMP	2	2	4	4	metal	aluminium
409	CASING FOR MAIN CHECK VALVE COMPLETE	4	14	57	57	metal	steel
410	SPECIAL STUD FOR VALVE UNLOADING LA CO	22	0	2	2	metal	steel
411	THROTTLER V/V DV 12-1.0/O-P 350 BAR	1	1	1	1	metal	steel
412	PRESSURE RELIEF V/V DBDSTOK11/2008 NG10	2	1	1	1	metal	steel
413	TOP SEAL	1	11	11	11	RUBBER	RUBBER
414	SIDE SEAL RIGHT HAND	1	11	11	11	RUBBER	RUBBER
415	BOTTOM SEAL	1	11	11	11	RUBBER	RUBBER
416	TOP SEAL	1	11	11	11	RUBBER	RUBBER
417	SIDE SEAL RIGHT HAND	1	11	11	11	RUBBER	RUBBER
418	SIDE SEAL LEFT HAND	1	11	11	11	RUBBER	RUBBER
419	BOTTOM SEAL	1	11	11	11	RUBBER	RUBBER
420	TOP SEAL	1	11	11	11	RUBBER	RUBBER
421	SIDE SEAL LEFT HAND	1	11	11	11	RUBBER	RUBBER
422	BOTTOM SEAL	1	11	11	11	RUBBER	RUBBER
423	DRIVE CHAIN	1	11	11	11	RUBBER	RUBBER
424	STUD BOLT 39X120MM	1	4	4	4	metal	steel
425	STUD BOLT 39X175MM	60	1	83	83	metal	steel
426	ALLEN KEY BOLT 16X045MM LAG SCREW	26	16	416	416	metal	steel
427	BRAKE BAND ASS	13	1	10	10	metal	steel
428	JET 6MM ORIFICE	1	9	9	9	metal	steel
		5	0	2	2	metal	stainless steel

429	BEARING (EXPANSION TYPE)	2	4	4	8	metal	stainless steel
430	BEARING (FIXED TYPE)	2	4	4	9	metal	stainless steel
431	CASING WEARING RING 175X161 MM	7	1	1	5	metal	steel
432	CASING WEARING RING 206X192 MM	4	1	1	3	metal	copper
433	DRIVING SHAFT	1	19	19	19	metal	stainless steel
434	DIAPHRAGM COUPLING O.D.143XSHAFT54/32X128	1	10	10	10	metal	steel
435	BEARING BUSHING 60X72X50 MM	3	1	1	2	metal	copper
436	WATER FILTR BASKET 316 5/16 1/8" PERES 185	3	2	2	5	metal	stainless steel
437	VALVE PLATE	2	1	1	1	metal	steel
438	GASKET PAPER 100X129X0.1MM FOR FRONT-COV	4	1	1	4	metal	steel
439	UPPER CASING	1	4,880	4,880	4,880	metal	bronze
440	IMPELLER WEARING RING (BOTTOM)	8	560	4,480	4,480	metal	steel
441	IMPELLER WEARING RING (TOP)	8	65	520	520	metal	stainless steel
442	INTERMEDIATE GUIDE SLEEVE BEARING	4	12	49	49	metal	stainless steel
443	SHAFT SLEEVE - LOWER	4	45	180	180	metal	bronze
444	SHAFT SLEEVE - INTERMEDIATE	4	40	160	160	metal	bronze
445	TWO ROWS SPHERICAL ROLLER BEARING SKF 22	1	38	38	38	metal	steel
446	HALF RIGID COUPLING	1	279	279	279	metal	steel
447	TOLLOK TLK 200 LOCKING ASSEMBL COUPLING	18	5	97	97	metal	steel
448	THRUST DISC MOTOR PIN PUSH COUPLING O.D2	1	11	11	11	metal	steel
449	ALLEN KEY BOLT 24X075MM	8	0	3	3	metal	steel
450	COUPLING STUDS NUTS AND WASHERS	10	3	30	30	metal	steel
451	TECNOLOGIETTI 9014S-LOCKING ASSEMBLY	2	2	3	3	metal	steel
452	PUMP SHAFT	1	4	4	4	metal	stainless steel
453	BEARING HOUSING	2	15	30	30	metal	steel
454	REAR-WEAR PLATE	2	6	11	11	metal	steel
455	MANUAL ACTUATOR COMPLETE	1	29	29	29	metal	steel
456	STUD BOLT 30X165MM (33X165)	8	1	7	7	metal	steel
457	SUPPORT BUSHING 1.D55XO.D65XH40 SAME AS	2	1	1	1	metal	steel
458	SUPPORT BUSHING 1.D55XO.D65XH40	2	1	1	1	metal	steel
459	NUT 27MM	12	0	3	3	metal	steel
460	BOLT D.90X1020	2	50	100	100	metal	steel
461	CENTER LOW STEM SERC RING	1	8	8	8	metal	stainless steel

ملحق رقم (8): المستويات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

462	CENTER LOW THREADED LOCKING RING	1	5	5	5	metal	steel
463	LATERAL STEAM SEAL RING LOW&UPPER	4	4	17	metal	stainless steel	
464	CAULKING WIRE FOR SEALS STRIP 1 TO 31 RO	97	0	20	metal	steel	
465	LATERAL THREADED LOCKING RING LOW & UPPE	4	2	9	metal	steel	
466	COMP. ELECTROLYT FILTER REG.OD75XH147XNP	1	2	2	metal	steel	
467	UPPER PLATE (VALVE HEAD)	1	110	110	metal	steel	
468	DIAPHRAGM PACK DIAM.500/3/15 (1SET=9PC.)	9	1	5	metal	stainless steel	
469	PRESSURE PLATE	1	30	30	metal	steel	
470	PISTON	1	7	7	metal	steel	
471	PISTON BUSHING	1	8	8	metal	steel	
472	DRIVING LINK	1	4	4	metal	steel	
473	PIN PUSH COUPLING O.D225XSHAFT49X45XL180	4	25	100	metal	steel	
474	FLYWHEEL	1	80	80	metal	steel	
475	DRESSURE PLATE	1	10	10	metal	steel	
476	UPPER PLATE (VALVE HEAD)	1	60	60	metal	steel	
477	GUIDE	4	0	1	metal	steel	
478	PISTON	1	7	7	metal	steel	
479	BUSHING	1	6	6	metal	steel	
480	CRANKSHAFT	2	11	22	metal	steel	
481	FLYWHEEL	1	80	80	metal	steel	
482	ALEN KEY BOLT 27X145MM LAG SCREW	17	1	10	metal	stainless steel	
483	ALEN KEY BOLT 27X090MM LAG SCREW	13	0	6	metal	steel	
484	SEAL RING (1 SET = 8 EA)	32	15	467	metal	steel	
485	CALIBRATE STUD BOLT D70X320 (64X320)	3	8	24	metal	steel	
486	CALIBRATE STUD BOLT D64X305 (60X305)	4	6	25	metal	steel	
487	STUD BOLT 39X250MM (SPECIAL)	3	2	5	metal	stainless steel	
488	STUD BOLT 39X315MM (SPECIAL)	3	2	6	metal	steel	
489	CALIBRATED STUD BOLT 45X500MM (SPECIAL)	2	4	7	metal	steel	
490	WICKET GATE BEARING	12	0	3	metal	steel	
491	MECHANICAL SEAL	3	70	209	metal	stainless steel	
492	LOCKING RING	24	1	13	metal	steel	
493	THRUST BEARING PAD	26	1	13	metal	steel	
494	JORNAL BEARING PAD	12	4	51	metal	steel	

495	SEAL RING	1	360	360	metal	stainless steel
496	IMPELLER	1	5	5	metal	steel
497	MECHANICAL SEAL HOUSING	1	2	2	metal	stainless steel
498	WEAR PLATE	3	8	24	metal	steel
499	SHAFT	1	19	19	metal	stainless steel
500	MECHANICAL SEAL	5	1	5	metal	stainless steel
501	JAW COUPLING O.D.140XSHAFT55/48X1295MM	1	12	12	metal	steel
502	PUMP BODY	1	4	4	metal	stainless steel
503	JAW COUPLING O.D.55XSHAFT23/22XL77MM	2	1	1	metal	steel
504	OIL COOLING COIL DWG. NO: B-3308	1	25	25	metal	copper
505	BUSHING 35X48X54MM	4	0	2	metal	steel
506	STUD BOLT 27X110MM	6	0	2	metal	steel
507	BUSHING 35X48X45MM	7	0	2	metal	stainless steel
508	COMP. SPRING WIRE 25XO.D231XL800MM 12 CO	1	30	30	metal	steel
509	SPHERICAL WASHERS (MALE AND FEMALE) M64	12	1	12	metal	steel
510	VALVE STEM INNER BUSHING	4	8	32	metal	steel
511	VAVE STEM EXTENSION (SPRING SEAT GUIDE)	3	12	36	metal	steel
512	GUIDE BUSHING	4	8	32	metal	steel
513	VALVE SEAT	1	60	60	metal	steel
514	VALVE PLUG	1	2	2	metal	stainless steel
515	VALVE NUT	1	4	4	metal	stainless steel
516	COMPRESSION SPRING WIRE DIA.18XO.D119XL2	6	9	54	metal	steel
517	VALVE STEM BUSHING	4	26	102	metal	stainless steel
518	NUT 33MM (SAME AS 2606875)	6	0	2	metal	stainless steel
519	STUD BOLT 35X225MM (SPECIAL)	13	1	14	metal	stainless steel
520	VALVE STEM	1	30	30	metal	steel
521	VALVE BONNET	3	90	270	metal	steel
522	GUIDE BUSHING	4	4	16	metal	steel
523	CROSSHAD PIN Q	6	4	25	metal	stainless steel
524	CROSS HEAD	10	11	110	metal	steel
525	COMPRESSION SPRING WIRE DIA.45XO.D305XL5	2	70	140	metal	steel
526	BUSHING DIA. 76X115X42L	4	2	7	metal	steel
527	BUSHING 75.60X115.20	1	2	2	metal	steel

528	COMPRESSION SPRING WIRE DIA.26X0.D252X1.6	1	30	30	30	metal	steel
529	ROD BUSHING	3	1	3	3	metal	steel
530	BUSHING 104X115X40 L	4	1	3	3	metal	steel
531	SHAFT BUSHING (LONG)	4	1	3	3	metal	steel
532	SHAFT BUSHING (SHORT) 90X76X65 L	3	1	3	3	metal	steel
533	NUT 45MM (SPECIAL)	4	1	3	3	metal	steel
534	SHAFT	4	34	136	3	metal	steel
535	KEY DOUBLE ROUND END 16X16X118MM S.S	7	0	2	2	metal	steel
536	BUSHING D. 90X76X115 L	3	2	6	6	metal	steel
537	BUSHING 90X76X125 L	2	2	4	4	metal	stainless steel
538	MALE AND FEMAL WASHER D33	12	0	2	2	metal	steel
539	NUT 33MM(SPECIAL)	18	0	6	6	metal	stainless steel
540	STUD BOLT 33X190MM (MEASURING AND UPPER	9	1	8	3	metal	stainless steel
541	KEY DOUBLE ROUND END 16X16X165MM S.S	4	0	1	1	metal	stainless steel
542	NUT 36MM (SPECIAL)	30	0	14	14	metal	steel
543	SPHARICAL WASHER (MALE AND FEMALE) M36	26	0	6	6	metal	steel
544	STUD BOLT 36X235MM (MEASURING AND UPPER	23	1	30	30	metal	steel
545	BUSHING 39X65X48 L	5	1	4	4	metal	steel
546	DISK SEAT (VALVE PLUG)	4	18	72	4	metal	steel
547	SCREW D20X75 L S.S (SPECIAL)	6	0	1	1	metal	stainless steel
548	VALVE PLUG	4	255	1,020	1	metal	steel
549	STEM LOCK RING	2	9	18	18	metal	steel
550	STEAM STRAINER	1	95	95	95	metal	steel
551	VALVE BUSHING	2	88	176	2	metal	steel
552	RETAINING PIN 20X77MM	8	0	2	2	metal	stainless steel
553	GASKET METAL 62X657X1.5MM	3	1	2	2	metal	steel
554	MALE WASHER D45	8	0	1	1	metal	stainless steel
555	NUT 45MM	44	1	42	42	metal	stainless steel
556	STUD BOLT 45X320MM (UPPER DOWEL)	66	3	201	201	metal	stainless steel
557	VALVE STEM	3	30	90	90	metal	steel
558	FEMALE WASHER D. 90	2	3	5	5	metal	steel
559	MALE WASHER D. 90	2	3	6	6	metal	steel
560	SPRING STEM COUPLING SPECIAL	2	32	64	64	metal	steel

ملحق رقم (8): المستويات والمعدات والقطع المعالجة بالوحدة المشغولة في النبع-

561	ADJUSTING BOLT 33X108MM WITH NUT AND CL	2	8	16	metal	steel
562	NUT 33MM (SAME AS 2606875)	3	0	1	metal	steel
563	EXTENSION NUT 45MM	42	2	81	metal	stainless steel
564	VALVE STEM GUIDE BUSHING	4	25	100	metal	steel
565	PRESSURE SEAL RING 787X817	4	3	10	metal	steel
566	RINGS IN-HALVES	4	10	40	metal	steel
567	STUD BOLT 45X255MM	15	3	38	metal	stainless steel
568	PRESSURE SEALING RING 644X662X0.54	3	3	8	metal	steel
569	BUSHING DIA. 63X50X60L	5	0	2	metal	copper
570	ENGAGING SHAFT	4	10	40	metal	steel
571	GASKET METAL 128X154.6X1.1MM	8	0	3	metal	steel
572	ADJUSTING LINER (THRUST COLLER)	4	0	2	metal	stainless steel
573	STUFFING BOX	1	1	1	metal	steel
574	SWING DISC	1	130	130	metal	steel
575	DISC SHAFT WITH KEY	1	4	4	metal	stainless steel
576	SWING DISC	1	32	32	metal	steel
577	COMPRESSION SPRING WIRE DIA.4.3X0.041X16	2	1	1	metal	steel
578	STUD BOLT 14X065MM	4	1	3	metal	stainless steel
579	BUSHING	3	4	12	metal	stainless steel
580	BUSHING 60X45X92L	2	2	4	metal	copper
581	GASKET COPPER 080X109X1.1MM	8	0	3	metal	copper
582	BUSHING I.D.44X0.075X41MM	3	1	3	metal	steel
583	BUSHING DIA. 43X35X36L	10	0	3	metal	stainless steel
584	VALVE DRIVING SHAFT	1	12	12	metal	stainless steel
585	GASKET METAL 079.6X104X1.1MM	24	0	6	metal	steel
586	THRUST COLLERS 66X35X5	4	1	3	metal	stainless steel
587	MAIN SHAFT	2	2	5	metal	steel
588	SUPPORT BUSHING I.D.36X0.065X437MM	2	1	1	metal	stainless steel
589	SPECIAL NUT 13MM ALLEN KEY	2	1	2	metal	stainless steel
590	SWING DISC	1	9	9	metal	steel
591	COMPRESSION SPRING WIRE DIA.4X0.034X150M	2	1	1	metal	steel
592	DISC	2	1	1	metal	stainless steel
593	VALVE PLUG	2	1	2	metal	steel

594	NUT 20MM	16	1	15	metal	steel
595	STUD BOLT 20X090MM	16	0	3	metal	steel
596	VALVE STEM	2	2	4	metal	steel
597	PIN 5X35MM	2	5	10	metal	stainless steel
598	CONNECTING PLECE	2	4	8	metal	steel
599	COMPRESSION SPRING WIRE DIA.14XO.D98X1.13	1	2	2	metal	steel
600	STUD BOLT 20X170MM (SPECIAL)	3	1	2	metal	steel
601	NUT 12MM	12	40	480	metal	steel
602	FLUID OPERATED CYLINDER TYPE TB2HT S23X3	1	4	4	metal	steel
603	PISTON ROD BUSHING	4	2	8	metal	steel
604	COMPLETE HYDRAULIC CYLINDER.	2	250	500	metal	stainless steel
605	COMPRESSION SPRING WIRE DIA.12XO.D115X1.4	2	4	8	metal	steel
606	PISTON	4	4	18	metal	copper
607	CYLINDER BUSHING I.D.148X120MM	6	8	48	metal	copper
608	OPERATING CYLINDER TYPE TB2 HT 523X25	1	4	4	metal	steel
609	TRIP SHAFT / SPACER BUSHING (PIN) 15X170	4	0	1	metal	steel
610	TRIPSHAFT LINK	247	0	17	metal	steel
611	TRIP TRIGGER (LEVER)	2	1	1	metal	steel
612	CUP VALVE	2	1	1	metal	steel
613	TRIP RELAY BUSHING	2	1	2	metal	steel
614	TURBINE LATCHING AIR CYLINDER	1	2	2	metal	steel
615	SUPPORT BUSHING	4	1	3	metal	steel
616	H2 MANUAL CONTROL VALVE 8SR (SPECIAL)	1	5	5	metal	steel
617	MIN LEVEL SWITCH	1	35	35	metal	steel
618	SHAFT Q80X185MM	1	800	800	metal	Bronze
619	SOCKET HEAD INNER HEX NUT D39	15	1	16	metal	steel
620	STEAM SEAL RING ITEM 1.1	1	10	10	metal	steel
621	STEAM SEAL RING ITEM 1.2	1	6	6	metal	steel
622	THRD.RING NUT FOR STEAM SEAL RING ITEM 1	1	5	5	metal	steel
623	THRD.RING NUT FOR STEAM SEAL RING ITEM 1	1	7	7	metal	steel
624	BUSHING ITEM 2.47	1	1	1	metal	steel
625	PLUG ITEM 2.69	1	14	14	metal	steel
626	PLUG O.D. 18X15X25	579	0	29	metal	steel

627	GUIDE BUSHING A11+BR	10	5	50	metal	steel
628	WASHER I.D.34 C61400 C.5	350	0	14	metal	steel
629	WASHER I.D.28MM/ C61400 COPPER	342	0	10	metal	copper
630	WASHEER M25 C61400	81	0	2	metal	steel
631	EXP. JOINT RUBBER 3"x145MM W/FLG RING 4H	2	8	16	RUBBER	RUBBER
632	DISTRIBUTOR A-536-60 THREE WAY WITH SIGH	1	30	30	metal	steel
633	GASKET METAL 093X165X4.6MM W/RUBBER	5	0	1	RUBBER	RUBBER
634	PLUG O.D 21X19X30	2203	0	2	metal	steel
635	PLUG O.D 16X10 X2020	436	0	9	metal	steel
636	PLUG O.D 16X13X25	620	0	14	metal	steel
637	PIPE FITTING	16	0	2	metal	steel
638	DRUM SCREEN TO STRUCTURE SEAL PLATE	48	7	336	metal	steel
639	S.W GASKET 5" 150LB OUTER RING ASB FILL	10	0	3	metal	steel
640	COMPLETE GEAR MOTOR TYPE VELOX 15/65	1	130	130	metal	steel
641	S.W. GASKET 5" 600LB OUTER RING ASB FILL	2	1	1	metal	steel
642	S.W GASKET 58.5X82.2X4.8MM GRAPHITE FILL	40	0	2	metal	steel
643	COMPRESSION SPRING WIRE DIA. 14XO.D.75X1.8	1	2	2	metal	steel
644	COMPLETE ACTUATOR FOR SCREEN	1	25	25	metal	steel
645	SHUT-OFF V/V 9080 ES PN400	2	1	1	metal	stainless steel
646	SAFETY V/V DN.15 200BAR 316L NPTM	1	4	4	metal	stainless steel
647	DISK HARDENER TO 50 HRC	4	0	1	metal	stainless steel
648	STRAINER SCREEN 1"x120MM	3	1	2	metal	stainless steel
649	COMPRESSION SPRING WIRE DIA.7.4XO.D.95X1.1	4	0	2	metal	stainless steel
650	STRAINER FOR TRAPS 1 1/2 INCH 600ANSI	2	5	10	metal	steel
651	STRAINER FOR TRAPS 2 1/2	2	12	24	metal	steel
652	COMPLETE SET OF ROTATING BLADES FOR 13TH	1	57	57	metal	steel
653	ROTOR CLOSING PLUGS	5	15	75	metal	stainless steel
654	GASKET COPPER 022X38X1.3MM	2	1	1	metal	copper
655	V-RING & O-RING	1	5	5	RUBBER	RUBBER
656	GOGGLES WITAOUT FLANGE.	5	1	7	metal	steel
657	REGULATING SCREW (SPECIAL)FOR H2 COMPRES	2	1	1	metal	steel
658	EXTENSION SPRING WIRE DIA.2.8XO.D.20.5X1.1	1	3	3	metal	copper
659	FEMALE WASHER 90MM	15	1	18	metal	steel

ملحق رقم (8) : المستلزمات والمعدات والقطع المتكاملة والوحدات المشمولة في البيع.

660	MALE WASHER 90MM	15	1	18	metal	steel
661	FLAT WASHER 76MM	5	1	4	metal	steel
662	FLAT WASHER 64MM	40	0	14	metal	steel
663	EXTENSION NUT D64	24	5	108	metal	steel
664	BOLT D90X1100	10	52	520	metal	steel
665	BOLT D64X550	6	11	66	metal	steel
666	FEMALE WASHER D85	4	1	5	metal	steel
667	MALE WASHER D76	9	1	7	metal	steel
668	FEMALE WASHER D76	9	1	9	metal	steel
669	EXTENSION NUT D90	16	10	160	metal	steel
670	EXTENSION NUT D85	7	8	56	metal	steel
671	EXTENSION NUT D76	15	7	105	metal	steel
672	STUD BOLT D90X715	3	29	87	metal	steel
673	STUD BOLT D76X660	3	20	60	metal	steel
674	MALE WASHER D60	15	0	5	metal	steel
675	FEMALE WASHER D60	15	0	6	metal	steel
676	MALE WASHER D52	8	0	2	metal	steel
677	FEMALE WASHER D52	8	0	2	metal	steel
678	MALE WASHER D39	15	0	1	metal	steel
679	FEMALE WASHER D39	15	0	2	metal	steel
680	EXTENSION NUT D60	10	4	35	metal	steel
681	EXTENSION NUT D52	5	3	14	metal	steel
682	EXTENSION NUT D39	3	1	4	metal	steel
683	STUD BOLT D60X560	5	10	50	metal	steel
684	FLAT WASHER D39	16	0	1	metal	steel
685	STUD BOLT 39X270MM	2	2	4	metal	steel
686	STUD BOLT 39X335MM	2	2	5	metal	steel
687	CAUBRATE STUD BOLT D45X375 (39X375)	3	3	9	metal	steel
688	NUT INNER HEX. Q : 27 (SPECIAL)	7	0	3	metal	steel
689	ACCUMULATOR PISTON COMPLETE	2	6	12	metal	aluminium
690	SHAFT PUMP T3SB-004-1R-00-4S	1	2	2	metal	steel
691	NUT 42MM (SPECIAL)	11	1	9	metal	steel
692	STUD BOLT 42X300MM	24	2	58	metal	steel

ملحق رقم (8): المستويات والمعدات والقطع المتعلقة بالوحدة المشمولة في البيع.

693	GAS V/V FOR BLADDER	4	2	2	6	metal	steel
694	POCKET PORT-ASSY (C)	1	4	4	4	metal	steel
695	FLAT WASHER D42	22	0	2	2	metal	steel
696	LOCK WASHER	2	1	2	2	metal	steel
697	BUSH BEARING	1	7	7	7	metal	steel
698	INSULATION CEMENT	1035	1	1,035	4	CEMENT	CEMENT
699	HYDRAULIC CYLINDER COMPLETE SEALS	20	0	4	4	RUBBER	RUBBER
700	HYDRAULIC CYLINDER COMPLETE SEAL RINGS	16	4	4	61	metal	steel
701	COMPRESSION SPRING WIRE DIA.11X0.D67X1.6	4	1	5	5	metal	steel
702	FEMALE WASHER D.64	5	1	3	3	metal	steel
703	A COMPLETE VALVE WITH ACTUATOR	1	28	28	28	metal	steel
704	PISTON ROD ASSEMBLY 117450 0004	2	1	3	3	metal	steel
705	CYLINDER 1E6463 3507	2	1	2	2	metal	stainless steel
706	COMPRESSION SPRING WIRE DIA.15X0.D75X1.6	2	2	4	4	metal	steel
707	RUBBER FOR STOP LOG	33	4	132	72	RUBBER	RUBBER
708	ACCUMULATORS	2	36	36	9	metal	steel
709	WATER THROWER TWO HALVES	1	9	9	9	metal	stainless steel
710	ELBOW 2 1/2" SCH.40 DTA A234 W/PB B.W 45	8	1	6	6	metal	steel
711	FLANGE 2.5" C.S.W CLASS 150	9	3	23	23	metal	steel
712	GATE V/V 1" 150LB FLANGED	3	6	18	18	metal	steel
713	CAUBRATED STUD BOLT D 76X650 (83X650)	2	20	40	40	metal	steel
714	CALIBRATED STUD BOLT D 76X905 (83X905)	2	26	52	52	metal	steel
715	STUD BOLT 64X255MM	6	5	30	30	metal	steel
716	BOLT D76X625	2	18	36	36	metal	steel
717	BOLT D76X755	3	21	63	63	metal	steel
718	BOLT D76X815	2	23	46	46	metal	steel
719	BOLT D76X880	2	25	50	50	metal	steel
720	CAUBRATED STUD BOLT D 90X1130 (96X1130)	2	46	93	93	metal	steel
721	CALIBRATED STUD BOLT D 76X680 (83X680)	2	21	42	42	metal	steel
722	STUD BOLT D90X675	3	28	84	84	metal	steel
723	STUD BOLT D90X1085	4	55	220	220	metal	steel
724	STUD BOLT 76X1020MM	1	29	29	29	metal	steel
725	STUD BOLT 76X760MM	1	23	23	23	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدة المشمولة في البيع.

726	STUD BOLT 76X890MM	1	25	25	metal	steel
727	STUD BOLT 76X475MM	1	14	14	metal	stainless steel
728	STUD BOLT D85X690	1	27	27	metal	steel
729	STUD BOLT D90X840	2	36	72	metal	steel
730	CALIBRATE STUD D83X705 (76X705)	1	21	21	metal	steel
731	CALIBRATE STUD D90X1090 (85X1090)	1	35	35	metal	steel
732	CALIBRATE STUD D96X10005 (90X1005)	2	42	85	metal	steel
733	1/2 SEALS STRIP FOR 1ST ROW D714X1205	4	1	4	metal	stainless steel
734	1/2 SEALS STRIP FOR 2ND ROW D727X1225	4	1	4	metal	stainless steel
735	1/2 SEALS STRIP FOR 3RD ROW D739X1245	4	1	4	metal	stainless steel
736	1/2 SEALS STRIP FOR 4TH ROW D752X1265	4	1	4	metal	stainless steel
737	1/2 SEALS STRIP FOR 5TH ROW D746X1283	4	1	4	metal	stainless steel
738	1/2 SEALS STRIP FOR 6TH ROW D777X1305	4	1	4	metal	stainless steel
739	1/2 SEALS STRIP FOR 7TH ROW D789X1322	4	1	4	metal	stainless steel
740	1/2 SEALS STRIP FOR 8TH ROW D802X1343	4	1	4	metal	stainless steel
741	1/2 SEALS STRIP FOR 9TH ROW D814X1362	4	1	4	metal	stainless steel
742	1/2 STEAM SEALING RING D827X1382	4	1	4	metal	stainless steel
743	1/2 SEALS STRIP FOR 11TH ROW D839X1401	4	1	4	metal	steel
744	1/2 SEALS STRIP FOR 12TH ROW D860X1432	4	1	4	metal	stainless steel
745	1/2 SEAL FOR 13TH ROW D879X1450	4	1	4	metal	stainless steel
746	1/2 SEAL FOR 14TH ROW D896X1480	4	1	4	metal	steel
747	1/2 SEAL FOR 15TH ROW D913X1505	4	1	4	metal	steel
748	1/2 SEAL FOR 16TH ROW D932X1535	4	1	4	metal	steel
749	1/2 SEAL FOR 17TH ROW D951X1565	4	1	4	metal	steel
750	1/2 SEAL FOR 18TH ROW D972X1600	4	1	4	metal	steel
751	1/2 SEAL FOR 19TH ROW D992X1630	4	1	4	metal	steel
752	1/2 SEAL FOR 21TH ROW D1041X1705	4	1	4	metal	steel
753	STUD BOLT D39X305	1	2	2	metal	stainless steel
754	STUD BOLT 52X400MM	2	3	5	metal	stainless steel
755	STUD BOLT D60X830	2	15	30	metal	stainless steel
756	STUD BOLT 60X330MM	1	6	6	metal	stainless steel
757	CALIBRATE STUD BOLT D57X440 (52X440)	1	6	6	metal	stainless steel
758	CALIBRATE STUD BOLT D64X870 (60X870)	1	17	17	metal	stainless steel

759	CALIBRATE STUD BOLT D64X605 (60X605)	2	10	20	metal	stainless steel
760	CALIBRATE STUD BOLT D64X465 (60X465)	1	9	9	metal	stainless steel
761	1/2 SEAL FOR 22TH ROW D1076X1760	5	1	4	metal	steel
762	1/2 SEAL FOR 23TH ROW D1105X1800	4	1	4	metal	steel
763	1/2 SEAL FOR 24TH ROW D1133X1850	4	1	4	metal	steel
764	1/2 SEAL FOR 25TH ROW D1162X1900	4	2	8	metal	steel
765	1/2 SEAL FOR 26TH ROW D1199X1950	8	1	8	metal	steel
766	1/2 SEAL FOR 27TH ROW D1239X2020	8	1	9	metal	steel
767	1/2 SEAL FOR 28TH ROW D1253X2045	9	1	9	metal	steel
768	1/2 SEAL FOR 29TH ROW D11301X2120	9	1	9	metal	steel
769	1/2 SEAL FOR 30TH ROW D1451X2200	9	1	8	metal	steel
770	1/2 SEAL FOR 31TH ROW D1427X2320	8	0	4	metal	steel
771	STUD BOLT 39X550MM	2	9	18	metal	steel
772	CALIBRATE STUD BOLT D30X200	2	1	2	metal	steel
773	VALVE CASING	3	80	240	metal	steel
774	VALVE ROD	3	6	19	metal	steel
775	NUT M27	10	0	1	metal	steel
776	NUT 20MM (SPECIAL)	10	0	2	metal	steel
777	GASKET METAL 164.5X216X1.1MM	8	0	1	metal	steel
778	BUSHING NUT 45MM (SPECIAL)	44	2	86	metal	steel
779	RELIEF V/V VR DIPLOMATIC 4-W1/G/20/N NPT	1	2	2	metal	steel
780	CARTR T3SB PUMP 004	1	1	1	metal	steel
781	AIR FILTER OD088XH151XNPTF30MM COMP.	3	1	4	metal	aluminum
782	AIR FILTER OD030XH162XNPTF19MM 250BAR CO	6	1	5	metal	copper
783	CONDENSATE DIVERTOR 2KR1/DN 25-MANKENBER	2	1	2	metal	aluminum
784	SAFETY V/V 1/2" 10BAR NPTM	1	1	1	metal	steel
785	COOLER SAFETY VALVE-0.4-2KG/CM2	1	1	1	metal	steel
786	SAFETY V/V 1 1/4" PE 7KG/CM2 BRASS NPTF	1	2	2	metal	copper
787	OIL FILTER OD135XD175XH250 MPAM 260-M125	3	2	5	metal	steel
788	OIL FILTER OD78XD140XH240MM DISCHARGE S.	5	1	7	metal	stainless steel
789	AUX-PUMP DISCHARGE FILTER CARTRIDGE TYPE	5	1	5	metal	steel
790	GLAND SEAL RING WITH SEAL STRIPS	2	3	5	metal	stainless steel
791	SEAL RING SPRING	12	0	2	metal	steel

ملحق رقم (8): المستويات والعمادات والقطع المتعلقة بالوحدة المشمولة في البيع.

792	ALLEN KEY BOLT 27X075MM LAG SCREW (SAME A	6	0	0	3	metal	steel
793	GLAND SEAL WITH SEAL STRIPS (INNER)	2	5	9	9	metal	stainless steel
794	GLAND SEAL RING SPRING	11	0	1	1	metal	steel
795	GLAND SEAL WITH SEAL STRIPS (OUTER)	2	4	9	9	metal	stainless steel
796	JOURNAL BEARING NO.1-COMplete	1	170	170	170	metal	steel
797	JOURNAL BEARING NO.2-COMplete	1	270	270	270	metal	steel
798	JOURNAL BEARING NO.3-COMplete	1	390	390	390	metal	steel
799	SEAL RING WITH SEAL STRIPS	2	4	8	8	metal	stainless steel
800	SEAL RING WITH SEAL STRIPS	1	8	8	8	metal	stainless steel
801	SEAL RING WITH SEAL STRIPS	1	8	8	8	metal	stainless steel
802	COMPLETE CONDENSER LEVEL GAUGE L=1285	2	16	32	32	metal	steel
803	COMPLETE LEVEL GAUGE 695/553	2	8	16	16	metal	steel
804	COMP. ELECTROLYT FILTER REG.OD77XH335REG	1	6	6	6	metal	steel
805	DEHYDRATOR	1	1,350	1,350	1,350	metal	steel
806	SUCTION V/V 117R1-2ND STAGE	9	0	4	4	metal	stainless steel
807	THRUST BEARING 6 PCS.	2	6	11	11	metal	steel
808	CYLINDER LINERS 300DIA-1ST STAGE	3	15	45	45	metal	steel
809	CYLINDER LINERS 180DIA-2ST STAGE	2	10	20	20	metal	steel
810	CYLINDRICAL ROLLER BEARING NJ 2317-ECP	2	7	13	13	metal	steel
811	STUD BOLT 30 X250MM	7	1	9	9	metal	steel
812	STUD BOLT 30 X255MM	10	1	11	11	metal	steel
813	UNLOADING FINER FOR SUCTION VALVE	6	3	16	16	metal	stainless steel
814	OIL FILTER (OD75XH330)MM (SPECIAL)	10	6	55	55	metal	steel
815	POPET V/V COMPL 49MM	2	3	7	7	metal	steel
816	POPET V/V COMPL 49MM	2	3	7	7	metal	steel
817	MAIN BEARING	1	2	2	2	metal	steel
818	CARTRIDGE ELEMENT TYPE 1/V 2050	6	1	4	4	metal	steel
819	TANK OIL LEVEL FLOATS	6	1	5	5	metal	stainless steel
820	FACE CARRIER AL. BRONZE	2	21	42	42	metal	bronze
821	RETAINING PLATE AL. BRONZE	2	1	3	3	metal	bronze
822	FACE CARBON	2	2	4	4	metal	stainless steel
823	SEAT NI-RESIST	2	2	4	4	metal	stainless steel
824	SEAT HOUSING AL. BRONZE	2	9	10	10	metal	bronze

825	SEAL HOUSING AL. BRONZE	1	29	29	metal	bronze
826	SPACER PLATE AL. BRONZE	4	20	80	metal	bronze
827	MOUNTING RING AL. BRONZE	2	17	34	metal	bronze
828	COMPLETE HYDRAULIC CYLINDER	2	50	100	metal	steel
829	CONTROL OIL COOLER MS 134 BI NDS	2	12	24	metal	steel
830	COMPL.PUMP	1	13	13	metal	steel
831	COPLTRAP DN 3/4 NPT	4	1	2	metal	stainless steel
832	(Y)STRAINER DN 4C INCH ANSI 600 SW	1	21	21	metal	steel
833	STRAINER DN1" 600 A105 Y TYPE S.W	1	2	2	metal	steel
834	STRAINER DN3/4" 150 A105 Y TYPE S.W	2	1	2	metal	steel
835	STEAM TRAP PM40 27BAR TYPE2011 NPTFS/4"	1	2	2	metal	stainless steel
836	HEX. BOLT 10X120MM 8.8	39	0	3	metal	steel
837	FLOAT	2	1	3	metal	stainless steel
838	PUMP BODY FOR HORIZONTAL CENTRIFUGAL PUM	1	200	200	metal	steel
839	CYLINDER HEAD COVER 1ST STAGE	1	45	45	metal	steel
840	CYLINDER HEAD COVER 2ND STAGE	1	40	40	metal	steel
841	VALVE CARBON STEEL 1/2 INCH	1	2	2	metal	steel
842	O-RING I.D. 1450XTHK.7MM DISCH. RING COVE	3	1	4	RUBBER	RUBBER
843	PUMP SUCTION FILTER CARTRIDGE	1	1	1	metal	steel
844	CAP SPRING DIA 180X92MM	16	1	20	metal	steel
845	EXTENTION NUT 18MM	4	0	1	metal	copper
846	JAW COUPLING FOR TURNING GEAR O.D135XSHA	5	12	60	metal	steel
847	ORIFICES DN 1 1/2 IN TD-RO-003%8	16	9	144	metal	steel
848	ORIFICES DN 1 1/2 IN TD-RO-001ABC	6	9	54	metal	steel
849	SAFETY V/V 1"X1 1/4" 190BAR TYPE VS-214/	4	2	8	metal	steel
850	IMPELLER	1	6	6	metal	stainless steel
851	COUPLING HOUSING O.D240MM	1	3	3	metal	aluminium
852	GASKET	4	25	100	metal	steel
853	GASKET	6	3	18	metal	steel
854	NUT (SPECIAL)	10	1	7	metal	copper
855	COUNTER SHUNK STEP SCREW M-39X120 L.G	10	2	22	metal	steel
856	SOCKET NUT DIAM 33 (SPECIAL)	2	1	2	metal	stainless steel
857	CALIBRATED STUD BOLT 38X355MM (SPECIAL)	2	2	3	metal	steel

858	STUD BOLT 27X270MM (SPECIAL)	2	1	2	metal	steel
859	BUSHING	1	3	3	metal	steel
860	HYD. PUMP T3SCB 017 004 2R** AS	3	26	77	metal	steel
861	VALVE PISTON DN 80	1	3	3	metal	steel
862	BUSHING	4	11	44	metal	steel
863	CYLINDER BUSHING I.D220XH240MM	3	12	36	metal	copper
864	HEATERS RS2B 1650W LG 645	1	1	1	metal	steel
865	TUBULLER SPANER 42 3.H.54	1	13	13	metal	steel
866	BOX SPANER 65 3.H.55	2	5	10	metal	steel
867	SPECIAL TOOL Q.34 LG 1200 MM 3.C.1	1	3	3	metal	steel
868	AIR HEAT W./VALVES 3.1.1	3	10	30	metal	steel
869	JAW COUPLING O.D80XSHAFT38/19X1.28MM	3	1	3	metal	aluminium
870	IMPELLER BALANCING MACHINE	1	330	330	metal	steel
871	MALE WASHER 64.P 51	5	1	3	metal	steel
872	MALE WASHER D 42	20	0	4	metal	steel
873	NON-RETURN V/V 14.5 PSI	2	1	1	metal	steel
874	MAX PRESSURE VALVE	1	4	4	metal	steel
875	SAFETY V/V 211BAR	1	5	5	metal	steel
876	ORIFICE 081006013	1	2	2	metal	steel
877	ALEN KEY BOLT 20X032MM LAG SCREW	15	0	2	metal	steel
878	ALEN KEY BOLT 33X085MM LAG SCREW	27	0	11	metal	steel
879	ALEN KEY BOLT 33X065MM	8	1	6	metal	steel
880	2ND STAGE EJECTOR	2	5	10	metal	stainless steel
881	CONNECTING PIPING	1	10	10	metal	steel
882	1ST STAGE EJECTOR	2	52	104	metal	stainless steel
883	FLANGE 3" CARBON STEEL SLIPON	4	3	12	metal	steel
884	CHEK V/V DN 65 PN 16 FLANGED BS 5153	1	20	20	metal	steel
885	ELBOW 2 1/2" SCH 40 A234 WPB B.W 90 DEG.	15	2	23	metal	steel
886	ELBOW 3/4" SCH.80 A234 WPB B.W 90 DEG. L	2	1	2	metal	steel
887	GATE V/V 1/2" 600LB S.W	2	6	12	metal	steel
888	GATE V/V 3/4" 800LB A105 WCB S.W	2	2	4	metal	steel
889	RUBBER PAD FOR COUPLING 43/35X27X31MM	56	0	11	RUBBER	RUBBER
890	EXP JOINT RUBBER 10"/13"X320MM	1	38	38	RUBBER	RUBBER

891	SUPPORT FOR ELEC.MOTOR	1	427	427	metal	steel
892	WORKING FLUID STEAM 243* 36.5 BAR	2	8	16	metal	copper
893	SEAL FACE ROTARY KEPRM080X33	4	0	1	metal	stainless steel
894	OIL FILTER 54X120MM	4	1	2	metal	stainless steel
895	وحدة حديدية بوزن 150كجم	1	7	7	metal	steel
896	IMPELLER 2ND STAGE	1	22	22	metal	stainless steel
897	IMPELLER 3RD STAGE	1	21	21	metal	stainless steel
898	IMPELLER 4TH STAGE	1	21	21	metal	stainless steel
899	SAFETY V/V 1" NPTMX1 1/2" NPTF WCC	4	14	56	metal	steel
900	SAFETY V/V 3/4"x1" 264 BAR A105 NPTF	2	11	22	metal	steel
901	COMPRESSION SPRING WIRE DIA.10X0.D85XL22	2	2	3	metal	steel
902	SAFETY V/V 3"(1300)X4"(150) WCB FLANGED 1	1	80	80	metal	steel
903	SAFETY V/V 2 1/2" (PN100)X4" (PN16) FLANGE	1	40	40	metal	steel
904	SPRING	2	2	5	metal	steel
905	NOZZLE (SEAT)3-52 OR	1	3	3	metal	stainless steel
906	SAFETY V/V 3/4"x1" A105 25 BAR NPTF	4	4	17	metal	steel
907	NOZZLE (SEAT)3-52L 150	1	5	5	metal	stainless steel
908	COMPRESSION SPRING WIRE DIA.12.5X0.D53XL	3	1	2	metal	steel
909	SAFETY V/V 1" NPTMX1 1/4" NPTF 25.3 BAR	1	5	5	metal	copper
910	GATE V/V 3" 150LB A350 GR.CF8 FLANGED	1	50	50	metal	steel
911	GATE V/V 6" 150LB WCB B.W	2	75	150	metal	steel
912	GATE V/V 8" 150LB WCB B.W	1	140	140	metal	steel
913	GATE V/V 10" 150LB WCB B.W	1	235	235	metal	steel
914	GATE V/V 2 1/2" 150LB WCB B.W	1	20	20	metal	steel
915	GATE V/V 5" 150LB WCB B.W	1	75	75	metal	steel
916	GATE V/V 12" 150LB WCB	1	320	320	metal	steel
917	GATE V/V 8" 150LB WCB B.W WITH OUT MOTOR	1	125	125	metal	steel
918	GATE V/V 6" 300LB WCB B.W	1	125	125	metal	steel
919	GATE V/V 10" 300LB WCB B.W WITH BY PASS	1	88	88	metal	steel
920	GATE V/V 12" 300LB WCB B.W WITH BY PASS	1	500	500	metal	steel
921	GATE V/V 6" 300LB WCB B.W WITH OUT MOTOR	1	125	125	metal	steel
922	GATE V/V 10" 300LB WCB B.W WITH OUT MOTO	2	300	600	metal	steel
923	GATE V/V 4" 300LB WCB B.W WITH OUT MOTOR	2	80	160	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتكاملة بالوحدات المقموعة في البيع.

924	GATE V/V 5" 600LB A105 B.W GEAR OPERATED	1	268	268	metal	steel
925	COMP PRESSURE SEAL GATE VALVE 6" ANSI 60	1	260	260	metal	steel
926	GATE V/V 10" 600LB WCB B.W GEAR OPERATED	1	5,030	5,030	metal	steel
927	GASKET PRESSURE SEAL 300X320X25MM	2	1	2	metal	steel
928	GASKET SOFT IRON 180X205X30MM PRESSURE 5	1	1	1	metal	steel
929	GATE V/V 6" 2500 WCB B.W WITH QUIT MOTOR	1	390	390	metal	steel
930	STEM	1	6	6	metal	steel
931	WEDGE+SPACER	1	9	9	metal	steel
932	GASKET SOFT IRON 530X570X48MM PRESSURE 5	2	7	14	metal	stainless steel
933	GATE V/V 8" 600LB WCB B.W WITH OUT MOTOR	1	453	453	metal	steel
934	GASKET SOFT IRON 305X340X20MM OCTAGONAL	2	5	10	metal	stainless steel
935	GATE V/V 2 1/2" 150LB WCB B.W	2	24	48	metal	steel
936	GATE V/V 5" 150LB WCB FLANGED	4	75	292	metal	steel
937	GATE V/V 1" 150 LB A105 FLANG	2	6	11	metal	steel
938	GATE V/V 1 1/2" 150LB A105 FLANGED WITH	2	11	22	metal	steel
939	GEAR BOX FOR GATE VALVE 20"	1	100	100	metal	steel
940	GLOBE V/V 3" 150LB WCB B.W	1	32	32	metal	steel
941	GLOBE V/V 5" 150LB WCB B.W	1	70	70	metal	steel
942	GLOBE V/V 2 1/2" 150LB WCB B.W	1	23	23	metal	steel
943	GLOBE Y V/V 1" 800LB A105 NPTF	1	5	5	metal	steel
944	GLOBE Y V/V 2" 600LB A105 S.W	5	12	60	metal	steel
945	GLOBE Y V/V 3/4" 600LB A105 NPTF	2	2	5	metal	steel
946	GLOBE Y V/V 3/4" 600LB F11 NPTF	1	2	2	metal	steel
947	GLOBE Y V/V 1 1/2" 600LB A105 S.W	7	9	63	metal	steel
948	GLOBE Y V/V 3/4" 600LB A105 NPTF	1	2	2	metal	steel
949	GLOBE Y V/V 1 1/2" 600LB A105 S.W WITH L	2	10	20	metal	steel
950	GLOBE Y V/V 1 1/2" 600LB SMO 18.8 S.W/12.5	1	3	3	metal	steel
951	GLOBE Y V/V 1" 600LB A105 S.W WITH LIMIT	2	5	9	metal	steel
952	GLOBE Y V/V 3/4" 200LB SMO 18.8 S.W	3	8	24	metal	steel
953	GLOBE Y V/V 1" 200LB SMO 18.8 S.W	1	4	4	metal	steel
954	GLOBE Y V/V 2" 200LB SMO 18.8 S.W SCH.31	1	12	12	metal	steel
955	GLOBE Y V/V 1/2" 600LB A105 S.W	4	2	10	metal	steel
956	GLOBE Y V/V 2" 600LB A105 S.W	2	12	24	metal	steel

957	GLOBE V/V 2" 600LB SMO 18.8 S.W SCH 31	1	12		12	metal	steel
958	GLOBE V/V 1" 600LB A105 S.W WITH PACKI	1	5		5	metal	steel
959	GLOBE V/V 2" 600LB A105 S.W WITH LEAK	1	13		13	metal	steel
960	GLOBE V/V 3" 300LB WCB B.W	2	50		100	metal	steel
961	GLOBE V/V 4" 300LB WCB B.W	11	57		627	metal	steel
962	GLOBE V/V 4" 150LB WCB B.W	2	55		110	metal	steel
963	GLOBE V/V 8" PN25 WCB B.W	2	170		340	metal	steel
964	COMPLETE VALVE DN 3 INCH FLANGED	2	15		30	metal	stainless steel
965	BALL V/V 3/4" A105 NPTF	11	14		154	metal	steel
966	BUTTERFLY V/V 6" 150LB WCB LUG TYP GEAR	1	40		40	metal	steel
967	BUTTERFLY V/V 10" 150LB WCB LUG TYPE GEA	1	46		46	metal	steel
968	BUTTERFLY V/V 2" 150LB A148-9D WAFER TYP	2	8		16	metal	steel
969	BUTTERFLY V/V ANSI 150	2	9		18	metal	steel
970	RESILIENT SEAT	4	1		2	RUBBER	RUBBER
971	UPPER STEM	4	1		2	metal	steel
972	COMPLETE V/V DN 80MM FLANGED	1	20		20	metal	steel
973	SEAT RING FOR ET3**2" 7/8	2	27		54	metal	steel
974	CONTROL V/V 6" 150LB CF8M FLG. 667-ET WI	1	180		180	metal	steel
975	PLUG FOR ET 6**7" NB	6	11		66	metal	stainless steel
976	SEAT RING FOR ET 6**7" NB	2	1		2	metal	stainless steel
977	STEM 3/4" FOR 6**7" NB.	2	1		2	metal	stainless steel
978	CONTROL V/V 6" 300LB WCB FLGD. 667-ET WI	1	185		185	metal	steel
979	CONTROL V/V 1" 600LB SCH 40 WCB WITH OUT	1	12		12	metal	steel
980	PLUGS MOD.667-ED NB.4"	2	3		6	metal	stainless steel
981	CONTROL GLOBE V/V 4" 300LB WCB B.W 667-E	1	70		70	metal	steel
982	PLUGS MOD 667-ED NB.6"	2	3		6	metal	stainless steel
983	SEATS MOD.667-ED NB.6" BW	2	12		24	metal	steel
984	CONTROL V/V 8" 150LB B.W WITH OUT ACTUAT	1	275		275	metal	steel
985	SEATS MOD.667EWT NB.8" BW	2	4		8	metal	stainless steel
986	TRIMS MOD.667-EWT NB.8" BW	2	1		2	metal	stainless steel
987	CONTROL V/V 3" 300LB CF8M FLG WITH OUT A	1	43		43	metal	steel
988	CONTROL V/V 1" 600LB CS S.W WITH OUT ACT	1	12		12	metal	steel
989	CONTROL V/V 2" 600LB WCB B.W WITH OUT AC	1	22		22	metal	steel

ملحق رقم (8): المستزمات والقطع المتعلقة بالوحدات المشغولة في الموقع.

990	PLUG FOR ES 3" *2" 5/16 NB	2	1	2	2	metal	stainless steel
991	STEM FOR ES 3" *2" 5/16 NB.	2	2	3	metal	stainless steel	
992	PLUG FOR ET 4" *4" 3/8	2	3	6	metal	stainless steel	
993	VALVE ET 4" *2 7/8" -150 LBS	1	26	62	metal	steel	
994	CONTROL V/V 4" 600LB WCB B.W WITH OUT AC	1	62	110	metal	steel	
995	TILT CHECK V/V 8" 150LB WCB B.W	1	110	110	metal	steel	
996	PLUG FOR ET-ED3" *2" 5/16	2	2	3	metal	steel	
997	TILT CHECK V/V 10" 300LB WCB B.W	1	257	257	metal	steel	
998	VEE NOTCH FOR V100-6"NB.	2	4	8	metal	stainless steel	
999	CONTROL GLOBE V/V 1" 600LB WCB S.W ITEM	1	15	15	metal	steel	
1000	PISTON V CHECK V/V 2" 600LB A105 S.W SCH	1	9	9	metal	steel	
1001	BUTTERFLY V/V 5" 150LB A351 CF8 FLANGED	1	19	19	metal	steel	
1002	CHECK V/V 4" 150LB FLANGED WAFER TYPE	2	16	32	metal	steel	
1003	VACUUM PRIMING V/V 3/4" X5/16" NPT	2	22	44	metal	steel	
1004	FLOAT ASSY	4	1	3	metal	copper	
1005	3 WAY BALL V/V 1/2" X3/4" PN16 S.S NPT/FL	1	7	7	metal	stainless steel	
1006	BALL FOR 3 WAY BALL V/V	5	0	2	metal	steel	
1007	ANGLE V/V 4" PN40 WITH MOTOR	2	118	235	metal	steel	
1008	STEM	1	2	2	metal	steel	
1009	DISC NUT C.S (SPECIAL)	1	2	2	metal	steel	
1010	CONTROL V/V 10" 150LB WCB WITH OUT ACTUA	1	84	84	metal	steel	
1011	VEE NOTCH FOR V100 10" *10" NB	2	16	32	metal	stainless steel	
1012	SAFETY V/V 3"(150)X4"(150) WCB FLANGED P	4	25	100	metal	steel	
1013	SPRING	2	3	6	metal	steel	
1014	VEE NOTCH FOR V100) 4" *4" NB.	2	2	4	metal	stainless steel	
1015	CONTROL V/V 4" 150LB MONEL WAFER V/V W/O	1	11	11	metal	steel	
1016	VALVE V100 4X4 " - 150 LBS	1	40	40	metal	steel	
1017	SEAT RING FOR ET 8" *7" NB.	2	1	2	metal	stainless steel	
1018	FITTING NB 1/2" NPT(SYPHONS)	10	1	8	metal	steel	
1019	VALVE V100 4X4 " - 150 LBS	1	60	60	metal	steel	
1020	PLUG WITH STEM FOR CONTROL VALVE TYPE 10	2	3	5	metal	stainless steel	
1021	DISC	4	0	1	metal	steel	
1022	SPRING	2	3	7	metal	steel	

1023	GLOBE V/V 1/2" 800LB A105N S.W	1	2	2	2	metal	steel
1024	PACKLESS DIA.GLOBE VALVE R42X3W	13	6	78	metal	steel	
1025	BONNET	5	0	1	metal	aluminum	
1026	GATE V/V 3" 125LB FLANGED	1	29	29	metal	steel	
1027	GATE V/V 2 1/2" 125LB FLANGED	2	24	48	metal	steel	
1028	FLOAT GLOBE V/V 1" BRONZE NPTF WITH OUT	1	4	4	metal	copper	
1029	FLOAT GLOBE V/V 1 1/4" BRONZE NPTF	1	6	6	metal	copper	
1030	TILT CHECK V/V 3" 300LB WCB B.W	1	26	26	metal	steel	
1031	PISTON CHECK V/V 1/2" 800LB A105N S.W	4	1	5	metal	steel	
1032	ACTUATOR SPRING	1	2	2	metal	steel	
1033	STEM 3/4" FOR ET-ED 4" 3/8	2	1	2	metal	stainless steel	
1034	PLUG FOR ED 4" 3/8 NB	2	3	6	metal	stainless steel	
1035	GEAR FOR ELECTRIC ACTUATOR BIPFI	1	210	210	metal	steel	
1036	GEAR WITH ELEC.ACTUATOR (OVM 200/05C)	1	62	62	metal	steel	
1037	GEAR WITH ELEC. ACTUATOR (OVM 200/05C) T	1	62	62	metal	steel	
1038	COMPL. ACTUATOR	1	10	10	metal	steel	
1039	COMPL. ACTUATOR	1	5	5	metal	steel	
1040	BALL V/V 2" MONEL NPTF F.B	2	8	16	metal	steel	
1041	COMPLETE VALVE NB (1)INCH NPT	2	3	6	metal	stainless steel	
1042	BALL V/V 1 1/2" MONEL NPTF F.B	1	5	5	metal	steel	
1043	THREE WAY V/V 1" S.S NPTF	2	2	3	metal	stainless steel	
1044	GLOBE V/V 3/4" PN25 B.W TYPE 200.2	4	4	16	metal	steel	
1045	VALVE TYPE 316.281	2	1	2	metal	stainless steel	
1046	GUIDE BUSHING D=190X210X110 MM	12	5	60	metal	steel	
1047	SWING CHECK V/V 3" 150LB S.S FLANGED	1	23	23	metal	stainless steel	
1048	PISTON CHECK V/V 1 1/2" 800LB MONEL NPTF	1	4	4	metal	stainless steel	
1049	GUIDE BUSHING DIA 145/160X120MM	4	4	14	metal	bronze	
1050	THRUST BEARING DIA 128/178X5MM	4	0	2	metal	steel	
1051	THRUST BEARING DIA 110/160X5MM	4	0	2	metal	steel	
1052	PISTON RING DIA 200MM	16	0	4	metal	steel	
1053	GUIDE BUSHING DIA 145/160X120MM	16	3	48	metal	bronze	
1054	THRUST BEARING D=120X178X5 MM	4	0	2	metal	copper	
1055	GUIDE BUSHING DIA 50/58X50	8	0	2	metal	copper	

1056	GLOBE V/V/ 1" 600LB A105 S.W FIG.6011/7	3		3		10	metal	steel
1057	BUTTERFLY V/V/ 20" 316L FLANGED WITH OUT	3	205		615		metal	steel
1058	SAFETY V/V/ 1"X1 1/2" PN16 GG25 FLANGED	2	9		18		metal	steel
1059	SAFETY V/V/ 1 1/4" NPTMX1 1/2" NPTF 3.5 B	3	5		15		metal	steel
1060	BASE	4	1		3		metal	stainless steel
1061	GUIDE	1	3		3		metal	steel
1062	SAFETY V/V/ 1"X1" PN40 GG25 FLANGED	1	7		7		metal	steel
1063	SAFETY V/V/ 1 1/2"X2 1/2" PN16 GG25 FLANG	1	16		16		metal	steel
1064	UNION TEE 3/4" BLACK	2	1		1		metal	steel
1065	NEEDLE V/V/ DN17 PN160 W.TUBE ENDS	3	3		9		metal	steel
1066	NEEDLE V/V/ DN12 PN100 W.TUBE ENDS	3	1		4		metal	steel
1067	OIL LEVEL INDICATOR VALVE	1	4		4		metal	steel
1068	BELLEVILLE SPRING O.D125X1.D64MM	12	0		3		metal	steel
1069	BUSHING.	4	1		5		metal	stainless steel
1070	BUSHING I.D50XO.D60XH51	4	1		2		metal	stainless steel
1071	SEAL GLAND BUSHING (SPECIAL)	4	1		2		metal	stainless steel
1072	STUD BOLT 33X175MM (SPECIAL)	11	1		12		metal	stainless steel
1073	MALE WASHER DIA.33	39	0		3		metal	stainless steel
1074	FEMALE WASHER DIA.33	39	0		2		metal	stainless steel
1075	NUT 33MM (SAME AS 2606875)	11	0		4		metal	stainless steel
1076	STUD BOLT 22X100MM (SPECIAL)	4	0		1		metal	stainless steel
1077	STUD BOLT 18X086MM	20	0		3		metal	stainless steel
1078	SECTOR SEAL RING.	3	15		45		metal	steel
1079	HEX. BOLT 33X130MM	38	23		874		metal	steel
1080	CALIBRATE STUD BOLT D38X460 (33X460)	2	2		5		metal	stainless steel
1081	CALIBRATE STUD BOLT D38X650 (33X650)	2	3		6		metal	stainless steel
1082	STUD BOLT D60X265	2	6		11		metal	stainless steel
1083	EXTENSION NUT D60	7	3		22		metal	stainless steel
1084	STUD BOLT D33X445	2	3		5		metal	stainless steel
1085	STUD BOLT D33X215	2	1		3		metal	stainless steel
1086	EXTENSION NUT D33	15	1		13		metal	stainless steel
1087	STUD BOLT D33X635	2	4		8		metal	stainless steel
1088	EXTENSION NUT D64	13	5		70		metal	stainless steel

1089	STUD BOLT D64X275	2	7	14	metal	stainless steel
1090	ALLEN KEY BOLT 16X035MM	14	1	12	metal	steel
1091	FLEXIBLE HOSE - LG 727 WITH FITTINGS	1	4	4	metal	steel
1092	FLEXIBLE HOSE - LG 784 WITH FITTINGS	1	4	4	metal	steel
1093	SPACER RING	2	1	1	metal	stainless steel
1094	OIL SEAL RING 155X175X26MM (SPECIAL)	6	1	7	metal	steel
1095	RETAINING NUT OF PUMP WHEEL (SPECIAL)	1	29	29	metal	stainless steel
1096	KEY BEARING SPECIAL TOOLS	1	6	6	metal	stainless steel
1097	KEY BEARING LINER-SOURNAL BEARING NO 3 5	1	10	10	metal	stainless steel
1098	DIAPHRAGM	1	29	29	metal	steel
1099	LOWER V/V FOR H.P. HEATER NO. 6 LEVEL GA	5	2	8	metal	steel
1100	UPPER V/V FOR H.P. HEATER NO. 6 LEVEL GA	3	3	9	metal	steel
1101	INTEGRAL V/V FOR LEVEL GAUGE FOR OIL SYS	2	2	4	metal	steel
1102	REDUCER 38X22MM COPPER	5	2	8	metal	copper
1103	TEE 1 1/2" MM COPPER B.W	6	0	2	metal	copper
1104	ELBOW 3" STD WPB B.W 45 DEG.	1	1	1	metal	steel
1105	ELBOW 5" STD WPB B.W 45 DEG. S.R	1	4	4	metal	steel
1106	ELBOW 2 1/2" STD WPB B.W 90 DEG.	4	1	6	metal	steel
1107	ELBOW 4" STD WPB B.W 90 DEG. LR	8	4	33	metal	steel
1108	REDUCER TEE 5"X2 1/2" STD WPB B.W	1	8	8	metal	steel
1109	REDUCER TEE 5"X3" STD WPB B.W	1	7	7	metal	steel
1110	REDUCER TEE 6"X5" STD WPB B.W	1	11	11	metal	steel
1111	CAP 5" STD WPB B.W	1	2	2	metal	steel
1112	CAP 6" STD WPB B.W	1	3	3	metal	steel
1113	REDUCER 5"X4" STD WPB B.W	1	3	3	metal	steel
1114	NIPPLE 3/4"X100MM SCH.80 A106B NPTM WELD	18	0	4	metal	steel
1115	NIPPLE 1 1/2"X100MM SCH.80 A106B NPTM WE	3	2	5	metal	steel
1116	ELBOW 3/4" 3000 A105 S.W 90 DEG.	7	0	2	metal	steel
1117	ELBOW 2" 3000 A105N S.W 90 DEG.	3	0	1	metal	steel
1118	ELBOW 1 1/2" 3000 A105N S.W 45 DEG.	1	1	1	metal	steel
1119	ELBOW 2" 3000 A105N S.W 45 DEG.	1	2	2	metal	steel
1120	TEE 3/4" 3000 WPB B.W	8	3	24	metal	steel
1121	REDUCER TEE 1 1/2"X1" 3000 A105 S.W	1	2	2	metal	steel

ملحق رقم (8): المستويات والمعدات والقطع المتصلة بالوحدة المشغولة في البيع.

1155	REDUCER 2"x1 1/4" CUNI 90/10 NPTM	1	1	1	1	1	metal	copper
1156	PIPE 4" SCH 10S MAT. CUNI 90/10	6	8	48	metal	copper		
1157	ELBOW 4" CUNI 90/10 B.W 90 DEG. L.R	2	1	3	metal	copper		
1158	FLANGE S.O 4" 150LB ASTM 402 FF	3	6	19	metal	steel		
1159	ELBOW 4" CUNI 90/10 B.W 45 DEG. S.R	1	1	1	metal	copper		
1160	CONCENTRIC REDUCER ADAPTER CUNI 114 B.W	1	2	2	metal	copper		
1161	FLANGE S.O 6" 150LB CUNI 90/10 OD.180XID	1	13	13	metal	steel		
1162	PIPE 6" THHK. 4.0MM MAT. CUNI	6	14	86	metal	copper		
1163	ELBOW 1 1/2" 3000 F11 S.W 90 DEG.	2	1	2	metal	steel		
1164	TEE 1 1/2" 3000 F11 S.W	1	1	1	metal	steel		
1165	COPPER PIPE 1/2"XS.5X5500MM	66	1	37	metal	copper		
1166	PIPE OD 28.1XTHK 1.85MM COPPER	15	1	20	metal	copper		
1167	PIPE 6" SCH.10S 304 A312TP SM1S	11	16	176	metal	stainless steel		
1168	ELBOW 89MM XTHK.3MM B.W 90 DEG. L.R	1	1	1	metal	stainless steel		
1169	REDUCER TEE 3"x2" SCH.10 304L WP B.W	1	2	2	metal	stainless steel		
1170	REDUCER TEE 4"x2" SCH.10 WP 304L B.W	1	2	2	metal	stainless steel		
1171	CAP 6" 10S 304 B.W	3	2	5	metal	stainless steel		
1172	REDUCER 4"x2" SCH.10 304L WP B.W	1	1	1	metal	stainless steel		
1173	REDUCER 8"x4" SCH.10S 304 WP B.W	1	2	2	metal	stainless steel		
1174	REDUCER 6"XS" SCH.10 304 WP B.W	1	2	2	metal	stainless steel		
1175	PIPE 3" SCH.10S MAT. CUNI 90/10	6	5	31	metal	copper		
1176	FLANGE S.O 6" 150LB OD.180XID 90MM C/C2	1	15	15	metal	stainless steel		
1177	FLANGE S.O 3" 150LB F304 B16.5	1	4	4	metal	stainless steel		
1178	FLANGE S.O 4" 150LB F304 B16.5 FF	1	6	6	metal	stainless steel		
1179	REDUCER 2"x1" COPPER	3	0	1	metal	copper		
1180	COUPLING 2" COPPER WELDELD	7	0	1	metal	copper		
1181	UNION 2" COPPER NPTM S.W	1	1	1	metal	copper		
1182	ELBOW 1" 3000 F22 S.W 90 DEG.	14	0	6	metal	steel		
1183	ELBOW 1" 3000 F11 S.W 45 DEG.	9	0	3	metal	steel		
1184	TEE 1" 9000 F22	1	2	2	metal	steel		
1185	LOOSE FLANGE 1 1/2" A105	1	2	2	metal	steel		
1186	LOOSE FLANGE 2" A105	1	2	2	metal	steel		
1187	LOOSE FLANGE 3" A105 FAD	1	4	4	metal	steel		

1188	LOOSE FLANGE 4" A10S	1		5		5	metal	steel
1189	LOOSE FLANGE 6" A10S	1		7		7	metal	steel
1190	PIPE O.D. 12MMXTHK.2.0MM 316	6		1		3	metal	stainless steel
1191	PIPE O.D. 12MMXTHK.1.2MM 304	6		0		2	metal	stainless steel
1192	PIPE 1" SCH 40 A51321	6		3		15	metal	stainless steel
1193	FLANGE S.O 3" 150LB ASTM B151 CUNI 90/10	3		4		12	metal	Copper
1194	REDUCER 6"X3" 8466 C70600 CUNI COAXIAL S	1		3		3	metal	Copper
1195	ELBOW 3" 40S CUNI B.W 90 DEG. L.R	1		3		3	metal	Copper
1196	PIPE 1 1/2"XTHK 3.7MM B466 C70600	6		4		21	RTR	RTR
1197	NUT 20MM B98 C65100 COPPER	2		2		4	metal	Copper
1198	BLIND FLANGE 2" 150LB A105N F64 B16.5	5		19		95	metal	steel
1199	STUD BOLT 1/2"X075MM UNC2A MAT F468 ALLO	26		0		8	metal	steel
1200	GASKET RUBBER 143X228X3.15MM	5		2		10	RUBBER	RUBBER
1201	STUD BOLT 1"X148MM C.S WITH NUTS	5		1		4	metal	steel
1202	HEX. BOLT 1"X075MM C.S	46		0		20	metal	steel
1203	HEX. BOLT 1"X070MM C.S	10		0		4	metal	steel
1204	STUD BOLT 1 1/8"X158MM C.S WITH NUTS	7		1		9	metal	steel
1205	SQUARE HEAD BOLT 1 1/2" X145MM 89ALLOY651	60		2		117	metal	Copper
1206	SQUARE HEAD BOLT 1 1/2"X125MM 89-ALLOY65	44		2		79	metal	Copper
1207	SQUARE HEAD BOLT 1 1/2"X300MM 89-ALLOY65	16		3		54	metal	Copper
1208	SQUARE HEAD BOLT 1 1/2"X160MM 89-ALLOY 6	16		3		40	metal	Copper
1209	SQUARE HEAD BOLT 1 1/2"X255MM 89-ALLOY 6	36		3		106	metal	Copper
1210	SQUARE HEAD BOLT 1 1/2"X175MM 89-ALLOY 6	6		2		14	metal	Copper
1211	SQUARE HEAD BOLT 1 1/2"X195MM 89-ALLOY 6	6		5		31	metal	Copper
1212	SQUARE HEAD BOLT 1 1/8"X125MM 89-ALLOY 6	8		1		8	metal	Copper
1213	SQUARE HEAD BOLT 1 1/8"X110MM 89-ALLOY 6	12		1		10	metal	Copper
1214	SQUARE HEAD BOLT 1 1/8"X130MM 89-ALLOY 6	3		2		7	metal	Copper
1215	SQUARE HEAD BOLT 1 1/8"X115MM 89-ALLOY 6	3		1		2	metal	Copper
1216	SQUARE HEAD BOLT 1 1/8"X160MM 89-ALLOY 6	8		1		10	metal	Copper
1217	STUD BOLT 1 3/4"X200MM LGT 898 ALLOY	6		3		17	metal	Copper
1218	GASKET FIBER 213X240X1.7MM WITH OUT HOLE	4		1		3	metal	Copper
1219	SQUARE HEAD BOLT 1 1/2"X160MM COPPER	2		2		5	metal	Copper
1220	STUD BOLT 7/8"X185MM B7 GL.V. WITH NUTS &	3		1		3	metal	steel

1221	INVERTED BUCKET STEAM TRAP TYPE 313 1"NB	1	21	21	21	metal	steel
1222	TRAP TYPE BK 212 640PM	1	13	13	13	metal	steel
1223	STRAINER FOR TRAP(3/4)INCH NB.150 ANSI A	2	2	3	3	metal	steel
1224	STRAINER TYPE (Y) NB(1/2)"SW. ANSI 600	1	28	28	28	metal	steel
1225	STRAINER TYPE (Y)NB (4)INCH SW. ANSI 600	1	21	21	21	metal	steel
1226	TRAPS FLOAT MECHANISM NB.2 1/2 IN NPT ST	1	2	2	2	metal	stainless steel
1227	EXP. JOINT METAL END PIPE 6"x400MM NB.S.	2	15	30	30	metal	steel
1228	FLEXIBLE JOIN METAL DOUBLE HINGE W.FLG.	2	100	200	200	metal	steel
1229	EXP. JOINT METAL END PIPE 6"x400MM NB ,A	3	18	54	54	metal	steel
1230	EXP JOINT RUBBER 5"x170MM WITH FLANGE R	1	12	12	12	RUBBER	RUBBER
1231	FLOW WINDOW TYPE N-T-N , (20) INCH NB. (	1	8	8	8	metal	steel
1232	GLAND	2	1	2	2	metal	copper
1233	COMPRESSION SPRING WIRE DIA.20XO.D19DXLS	2	17	34	34	metal	steel
1234	SHUT-OFF V/V 1/2" PN 640 NPTM	2	2	4	4	metal	steel
1235	ANGLE SHUT OFF V/V 8MM PN400 316	4	1	2	2	metal	stainless steel
1236	CRANKSHAFT	1	10	10	10	metal	steel
1237	DISC FOR MSV_901	2	1	2	2	metal	stainless steel
1238	STEM	1	6	6	6	metal	steel
1239	DISC HOLDER	1	9	9	9	metal	stainless steel
1240	STEM	1	3	3	3	metal	steel
1241	HEAD VALVE COMPLETE	5	17	85	85	metal	steel
1242	WORM SHAFT	2	2	3	3	metal	steel
1243	WORM	2	2	4	4	metal	steel
1244	GEAR	2	1	3	3	metal	steel
1245	DIFFERENTIAL GEAR ASSY	2	4	8	8	metal	steel
1246	WORM WHEEL SHAFT	1	2	2	2	metal	stainless steel
1247	WORM WHEEL	1	4	4	4	metal	copper
1248	TORQUE LIMITOR ASSY TSUBAKIMOTO COMPANY	1	1	1	1	metal	stainless steel
1249	HOUSING	2	11	22	22	metal	aluminium
1250	SPINDLE	2	6	12	12	metal	steel
1251	WORM WHEEL	1	2	2	2	metal	copper
1252	SPINDLE BEARING	3	1	2	2	metal	bronze
1253	SPINDLE BEARING	3	1	2	2	metal	bronze

1254	WORM	1	1	1	1	metal	steel
1255	AIR MOTOR COMPLETE WITHOUT MANYALE HANDL	2	30	60	metal	steel	
1256	BEARING CAP	2	1	2	metal	steel	
1257	SIDE ROLLER BRACKET	6	1	5	metal	steel	
1258	CLUTCH	2	1	2	metal	steel	
1259	SPROCKET	1	2	2	metal	steel	
1260	SPROCKET	1	1	1	metal	steel	
1261	SPROCKET	1	1	1	metal	steel	
1262	JACK SHAFT ASSY (IDLER)COMPLETE	2	8	16	metal	steel	
1263	IDLER SHAFT	1	1	1	metal	steel	
1264	SPROCKET	3	1	3	metal	steel	
1265	SPROCKET	3	1	3	metal	steel	
1266	VALVE OPERATOR ASSY COMPLETE	1	12	12	metal	steel	
1267	COMPRESSION SPRING WIRE DIA.4XO.D39XLL104	7	0	1	metal	steel	
1268	ROLLER LANCE BEARING ASSY COMPLETE	1	17	17	metal	steel	
1269	ROLLER	6	3	16	metal	steel	
1270	ROLLER SHAFT	1	2	2	metal	steel	
1271	LANCE TUBE ASSY COMPLETE	1	136	136	metal	stainless steel	
1272	ROLLER CHAIN OUTER LINK (2080)	12	0	1	metal	steel	
1273	FEED PIPE COMPLETE	1	58	58	metal	steel	
1274	FLANGE	1	5	5	metal	steel	
1275	OIL ATOMIZER WRT-P COMPLETE	7	15	105	metal	steel	
1276	STATIONARY UNION	11	17	187	metal	steel	
1277	SPRAY PLATE	17	0	1	metal	steel	
1278	BACK CROSS PLATE	17	0	3	metal	stainless steel	
1279	OIL ATOMIZER ASSY	3	1	4	metal	steel	
1280	DUST REMOVAL FAN COMPLETE	2	630	1,260	metal	steel	
1281	CASING	4	738	2,952	metal	steel	
1282	SUCTION CONE	2	225	450	metal	steel	
1283	OIL RING 280X300X18MM	12	1	11	metal	steel	
1284	HALF GEAR COUPLING O.D325XSHAFT138XLL170M	2	45	90	metal	steel	
1285	CASING	4	1,958	7,830	metal	steel	
1286	SUCTION	2	90	180	metal	steel	

1287	SEAL AIR BOX	2	70	140	metal	steel
1288	COOLING WHEEL	1	19	19	metal	steel
1289	FREE SIDE BEARING HOUSING COMP. WITH BAG	1	355	355	metal	steel
1290	BACK METAL	1	84	84	metal	steel
1291	OIL-RING	8	1	7	metal	steel
1292	GEAR COUPLING O.D290XSHAFT148X1138MM WIT	2	24	48	metal	steel
1293	SUCTION DAMPER	2	1,400	2,800	metal	steel
1294	SHAFT COUPLING GUARD	1	10	10	metal	steel
1295	RAIN COVER	2	10	20	metal	steel
1296	COOLING WHEEL GUARD	2	23	46	metal	steel
1297	TURNING APPARATUS WITH SPROCKET AND MOTO	1	800	800	metal	steel
1298	THRUST SPHERICAL ROLLER BEARING 29488 E	1	455	455	metal	steel
1299	GUIDE TRUNNION	2	100	200	metal	stainless steel
1300	ROCKING CAP T=25	6	3	18	metal	steel
1301	AIR SEAL COVER	1	65	65	metal	steel
1302	AIR MOTOR COMPLETE KSM-3R-500-SFC	1	30	30	metal	steel
1303	ROTOR POST SEAL HOT END (CRIS).	98	0	29	metal	steel
1304	ROTOR POST SEAL COLD END (CRIS).	84	0	17	metal	steel
1305	RADIAL SEAL INNER (HOT END) (CRIS+SK-5).	60	3	175	metal	steel
1306	RADIAL SEAL INTER MEDIA (HOT END) (CRIS+SK-5).	61	35	2,135	metal	steel
1307	RADIAL SEAL OUTER (HOT END) (CRIS+SK-5).	59	1	71	metal	steel
1308	RADIAL SEAL OUTER (HOT END) (CRIS+SK-5)	60	1	39	metal	steel
1309	RADIAL SEAL INNER (COLD END) CRIS.	82	2	180	metal	steel
1310	RADIAL SEAL INTER MEDIA (COLD END) CRIS.	82	4	295	metal	steel
1311	RADIAL SEAL OUTER (COLD END) CRIS.	78	2	164	metal	steel
1312	OUTER SEALING TAB (COLD END) CRIS.	121	1	157	metal	steel
1313	HOLDER STRIP INNER (HOT END) CRIS.	60	4	225	metal	stainless steel
1314	HOLDER STRIP INTER MEDIA (HOT END) CRIS.	60	2	129	metal	steel
1315	HOLDER STRIP OUTER (HOT END) CRIS.	60	1	81	metal	steel
1316	HOLDER STRIP INNER (COLD END) CRIS.	82	1	115	metal	steel
1317	HOLDER STRIP INTER MEDIA (COLD END) CRIS	83	2	178	metal	steel
1318	HOLDER STRIP OUTER (COLD END) CRIS.	78	1	109	metal	steel
1319	AXIAL SEAL LEAF (COLD END) CRIS.	53	1	32	metal	steel

1320	AXIAL SEAL LEAF (HOT END) CRLS.	96	2	170	metal	steel
1321	AXIAL SEAL LEAF (COLD END) CRLS.	107	9	963	metal	steel
1322	AXIAL SEAL LEAF (HOT END) CRLS.	98	9	882	metal	steel
1323	HOLDER BAR (COLD END) CRLS.	22	2	33	metal	steel
1324	HOLDER BAR (HOT END) CRLS.	84	5	378	metal	steel
1325	SEAL HOLDER (HOT & COLD END) CRLS.	384	35	13,440	metal	steel
1326	CIRCUM SEAL (HOT & COLD END) CRLS.	272	1	136	metal	steel
1327	CIRCUM SEAL (HOT & COLD END) CRLS.	1062	2	1,864	metal	steel
1328	CIRCUM RUBBING SEAL HOT END (CRLS+SK-5)	66	1	33	metal	steel
1329	CIRCUM RUBBING SEAL HOT END (CRLS+SK-5)	224	0	60	metal	steel
1330	HOLDING BAR (HOT & COLD END) CRLS.	75	1	60	metal	steel
1331	HOLDING BAR (HOT & COLD END) CRLS.	520	35	18,200	metal	steel
1332	OVER RUNNING CLUTCH TYPE FSO-400/750/ RO	1	3	3	metal	stainless steel
1333	LUBE OIL PUMP FOR G.A.H-A (TOP 210-HBVB	1	5	5	metal	steel
1334	O-RING I.D 0089XTHK.3MM	3	12	36	metal	steel
1335	IMPELLER	1	400	400	metal	steel
1336	SHAFT	1	520	520	metal	steel
1337	IMPELLER FOR AC FLAME SCANNER FAN SP-D-N	2	50	100	metal	steel
1338	DISCHARGE DAMPER -DC FLAME SCANNER FAN	1	13	13	metal	steel
1339	IMPELLER FOR AC TV COOLING AIR FAN SP-D-	1	55	55	metal	steel
1340	DISCHARGE DAMPER -AC TV FAN	1	15	15	metal	steel
1341	IMPELLER FOR IGNITOR AIR FAN AF-GD-NO. 6	1	25	25	metal	steel
1342	SHAFT	1	10	10	metal	stainless steel
1343	SHAFT	1	5	5	metal	stainless steel
1344	BEARING BOX ASSEMBLY	1	35	35	metal	steel
1345	BEARING BOX ASSEMBLY	1	55	55	metal	steel
1346	SIGHT FLOW BOX	3	5	14	metal	steel
1347	SLEEVE BEARING	2	3	6	metal	steel
1348	SLEEVE BEARING (FREE SIDE)	2	3	6	metal	stainless steel
1349	CASING COVER (FREE SIDE)	1	425	425	metal	steel
1350	BEARING BOX BRACKET	1	41	41	metal	steel
1351	BEARING BOX BRACKET	1	37	37	metal	steel
1352	THRUST COLLAR	3	2	6	metal	copper

1353	THRUST COLLAR NUT C.S (SPECIAL)	3	0	1	1	metal	steel
1354	SHAFT SLEEVE	2	2	4	4	metal	stainless steel
1355	SLEEVE NUT C.S (SPECIAL)	9	1	8	8	metal	stainless steel
1356	SLEEVE NUT C.S (SPECIAL)	11	1	9	9	metal	stainless steel
1357	BALANCING SLEEVE	1	3	3	3	metal	steel
1358	SPLIT RING	12	0	2	2	metal	steel
1359	DEFLECTOR	6	1	7	7	metal	stainless steel
1360	DEFLECTOR	7	1	7	7	metal	steel
1361	DEFLECTOR	6	1	6	6	metal	stainless steel
1362	CASING RING (2 ND+3 RD+4 TH) STAGES	6	2	9	9	metal	copper
1363	CASING RING (5TH - 7TH STAGE)	6	1	3	3	metal	steel
1364	INTERSTAGE (IMPELLER) BUSHING (CENTER)	4	7	28	28	metal	steel
1365	INTERSTAGE (IMPELLER) BUSHING (2ND+3RD S	4	1	6	6	metal	steel
1366	INTERSTAGE (IMPELLER) BUSHING (4TH+5TH	4	1	6	6	metal	copper
1367	BALANCING BUSHING	2	2	4	4	metal	copper
1368	BALANCING BUSHING	2	4	7	7	metal	stainless steel
1369	HOUSING RING	1	1	1	1	metal	steel
1370	SEAL RING	3	1	3	3	metal	copper
1371	SEAL RING	4	1	4	4	metal	copper
1372	SEAL RING	2	1	2	2	metal	copper
1373	LOCATING RING (INNER CASING)	2	2	4	4	metal	steel
1374	TAKE OFF TUBE	5	0	2	2	metal	stainless steel
1375	SLEEVE RETAINER	7	2	16	16	metal	aluminium
1376	SEALING NUT C.S (SPECIAL)	7	0	3	3	metal	stainless steel
1377	MECH.SEAL COMPLETE ASSY WITH OUT SEAL CA	1	19	19	19	metal	steel
1378	DIAPHRAGM COUPLING O.D225XSHAFT74/68X340	2	11	22	22	metal	steel
1379	COUPLING NUT	4	1	3	3	metal	steel
1380	CAP NUT 2"	16	2	29	29	metal	steel
1381	KEY FLAT 17X22.5X72MM	5	0	1	1	metal	stainless steel
1382	BEARING BOX	1	48	48	48	metal	steel
1383	CASING COVER	3	60	180	180	metal	steel
1384	BEARING BOX COVER	1	2	2	2	metal	steel
1385	BEARING BOX COVER	1	4	4	4	metal	steel

1386	PACKING SLEEVE	2	1	2	2	metal	steel
1387	CASING RING	4	1	4	4	metal	stainless steel
1388	JACKET COVER	1	4	4	4	metal	stainless steel
1389	JACKET COVER	1	2	2	2	metal	steel
1390	SCOPE TUBE WITH PISTON FOR CW - ROTATIO	1	7	7	7	metal	steel
1391	TRAY	4	12	48	48	metal	steel
1392	DIAPHRAGM COUPLING O.D.130X1.150MM W/O HUB	1	5	5	5	metal	steel
1393	DIAPHRAGM COUPLING O.D.135XSHAF48/48X270	1	10	10	10	metal	stainless steel
1394	MAIN SHAFT	1	9	9	9	metal	stainless steel
1395	FOLLOWER SHAFT	1	7	7	7	metal	steel
1396	IMPELLER	2	1	3	3	metal	steel
1397	MOUTH RING	4	1	2	2	metal	steel
1398	SHAFT	1	2	2	2	metal	stainless steel
1399	POWER ROTOR	1	15	15	15	metal	steel
1400	IDLER ROTOR	2	3	7	7	metal	steel
1401	BALANCE PISTON	4	0	1	1	metal	steel
1402	THRUST SEAT	6	0	1	1	metal	steel
1403	MECHANICAL SEAL TYPE P/MC3-D/F9 SIZE 65 DI	4	1	4	4	metal	stainless steel
1404	VALVE FOR RELIEF V/V OF MAIN PUMP	1	2	2	2	metal	steel
1405	COMPRESSION SPRING WIRE DIA.13.8XO.D72XL	1	2	2	2	metal	steel
1406	PACKING METAL 12.5X12.5MMX13.6MR-P1-416	3	4	12	12	metal	lead
1407	IMPELLER WITH IMP WEARING RING	4	1	5	5	metal	copper
1408	IMPELLER WITH IMP WEARING RING	1	1	1	1	metal	copper
1409	BEARING HOUSING	1	3	3	3	metal	steel
1410	SEAL BOX	2	3	7	7	metal	steel
1411	CASING WEARING RING	12	0	1	1	metal	copper
1412	IMPELLER WEARING RING	12	0	1	1	metal	copper
1413	COMPLETE PUMP WITHOUT MOTOR INCLUDING ST	1	200	200	200	metal	steel
1414	PLUNGER	4	0	1	1	metal	stainless steel
1415	RELIEF & COMPRISE VALVE	3	3	9	9	metal	steel
1416	VALVE SEAT FOR RELIEF VALVE	14	0	3	3	metal	steel
1417	COMPRESSION SPRING WIRE DIA.3.10XO.D15XL3	10	0	1	1	metal	steel
1418	SPINDLE	10	0	2	2	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتباعدة والوحدات المشمولة في البيع.

1419	IMPROVED BUSHING (INNER CASING)	2	4	4	8	metal	steel
1420	VALVE DISC	2	2	3	metal	steel	
1421	SAFETY V/V 2 1/2" 1548BAR FOR SUPERHEATER	1	260	260	metal	steel	
1422	VALVE DISC	1	2	2	metal	steel	
1423	VALVE DISC (MAIN DISC)	2	3	5	metal	steel	
1424	VALVE DISC	1	4	4	metal	steel	
1425	VALVE DISC	2	4	7	metal	steel	
1426	DISC	1	5	5	metal	steel	
1427	VALVE DISC	2	1	1	metal	steel	
1428	VALVE DISC	3	2	5	metal	steel	
1429	LOAD CHAIN (5.5M)	1	5	5	metal	steel	
1430	LOAD CHAIN (11M)	1	12	12	metal	steel	
1431	GEAR ROLLER WITH BALL BEARING 6207-2	4	1	3	metal	steel	
1432	RATCHET DISC ASSEMBLY	2	1	3	metal	steel	
1433	LOAD CHAIN (25M)	1	62	62	metal	steel	
1434	PLAIN ROLLER	2	1	2	metal	steel	
1435	GEAR ROLLER	2	1	2	metal	steel	
1436	RATCHET ASSEMBLY	1	1	1	metal	steel	
1437	LOAD CHAIN	1	33	33	metal	steel	
1438	LOAD CHAIN	1	6	6	metal	steel	
1439	PIN COUPLING O.D136XSHAFT 47X112MM	1	5	5	metal	steel	
1440	RATCHET DISK ASSY	2	2	3	metal	steel	
1441	LOAD CHAIN	1	64	64	metal	steel	
1442	GEAR ROLLER WITH BALL BEARING 6207-2	8	4	30	metal	steel	
1443	RATCHET DISC ASSY	2	2	3	metal	steel	
1444	BAR SHAFT PUMP 0.4M3/MINX16.0MXX3000RPM	1	20	20	metal	stainless steel	
1445	EXPANSION E-39 (CHIMNEY) WITH REPAIR KIT	1	35	35	RUBBER	RUBBER	
1446	TUBE OD 45.0XTHK. 4.1MM SA 210-A1 L5MR S	23	21	483	metal	steel	
1447	TUBE OD 42.7XTHK. 4.1MM SA 210-A1 L5MR	25	20	500	metal	steel	
1448	EC.TUBES (U-BEND) D45X14.1X42LX230P	12	5	60	metal	steel	
1449	PUMP WITH MOTOR	1	40	40	metal	steel	
1450	TUBE OD 63.5XTHK. 6.2MM SA 210 A1 L5MR S	26	44	1,144	metal	steel	
1451	FRONT WALL TUBES (90 BEND) SA 210-A1 D63	12	16	192	metal	steel	

1452	BURNER TUBE PANELS WITH ROD SA 210-A1 D	2		53	106	metal	steel
1453	TUBE OD 127.0XTHK 11.5MM A 106-C LSMR	6	164		982	metal	steel
1454	RISER TUBE (90 DEGREE BEND) SA 106-C D12	12	41		492	metal	steel
1455	PIPE 3" THK 9.5MM SA210-A1	448	0		83	metal	steel
1456	TUBE OD 57.1XTHK 5.2MM SA 210-A1 LSMR	15	34		510	metal	steel
1457	TUBE OD 63.5XTHK 7.3MM SA 210-A1 LSMR	15	51		765	metal	steel
1458	90 DEGREE BEND TUBES SA210-A1 D57.1X75.2	12	8		96	metal	steel
1459	90 DEGREE BEND TUBES SA210-A1 D63.5X77.3	12	12		144	metal	steel
1460	SUPPORT BEARING HOUSING PIPE 4" 114X118	7	2		14	metal	steel
1461	TUBE OD 42.7XTHK 5.5MM SA 213-T22 LSMR	26	25		650	metal	steel
1462	TUBE OD 42.9XTHK 3.9MM SA 213-T22 LSMR	26	19		494	metal	steel
1463	TUBE OD 38.1XTHK 4.9MM SA 213-T12 SMLS	136	4		545	metal	steel
1464	TUBE OD 48.6XTHK 4.9MM SA 213-T12 LSMR	25	26		660	metal	steel
1465	TUBE OD 45.0XTHK 5.6 MM SA 213-T12 LSMR	26	21		546	metal	steel
1466	TUBE OD 48.6XTHK 5.6MM SA 213-T12 LSMR	24	29		696	metal	steel
1467	TUBE OD 45.0XTHK 5.0MM SA 213-T12 LSMR	26	42		1,092	metal	steel
1468	TUBE OD 48.6XTHK 6.7MM SA 213-T22 LSMR	128	7		896	metal	steel
1469	TUBE OD 45.0XTHK 6.9MM SA 213-T22 LSMR	26	33		858	metal	steel
1470	TUBE OD 48.6XTHK 10.4MM SA 213-T22 LSMR	127	10		1,270	metal	steel
1471	TUBE OD 50.8XTHK 5.5MM SA 213-T12 LSMR	137	6		800	metal	steel
1472	TUBE OD 50.8XTHK 7.2MM SA 213-T22 LSMR	133	8		1,064	metal	steel
1473	TUBE OD 50.8XTHK 9.7MM SA 213-T22 LSMR	26	50		1,287	metal	steel
1474	TUBE OD 50.8XTHK . 6.3MM SA 213-TP21.5	46	7		322	metal	stainless steel
1475	PRIMARY S.H TUBES (U-BEND) D48.6X14.9X44	12	8		96	metal	steel
1476	PRIMARY S.H TUBES (U-BEND) D45X14.2X440L	12	5		56	metal	steel
1477	PRIMARY S.H TUBES (U-BEND) D45X14.2X390L	12	4		46	metal	steel
1478	PRIMARY S.H TUBES (U-BEND) D45X14.2X335L	12	3		34	metal	steel
1479	PRIMARY S.H TUBES (U-BEND) D45X15.0X445L	12	5		65	metal	steel
1480	PRIMARY S.H TUBES (U-BEND) D45X15.0X390L	12	4		52	metal	steel
1481	PRIMARY S.H TUBES (U-BEND) D45X15.0X335L	12	6		72	metal	steel
1482	PRIMARY S.H TUBES (U-BEND) D45X16.9X440L	12	5		59	metal	steel
1483	PRIMARY S.H TUBES (U-BEND) D45X16.9X445L	12	9		108	metal	steel
1484	PRIMARY S.H TUBES (U-BEND) D45X16.9X390L	12	6		70	metal	steel

1485	PRIMARY S.H TUBES (U-BEND) D48.6XT7.6X33	12	6	72	metal	steel
1486	PRIMARY S.H TUBES (U-BEND) D48.6XT10.4X4	12	14	168	metal	steel
1487	PRIMARY S.H TUBES (U-BEND) D45XT9.6X445L	12	11	132	metal	steel
1488	PRIMARY S.H TUBES (U-BEND) D45XT9.6X390L	12	8	96	metal	steel
1489	PRIMARY S.H TUBES (U-BEND) D45XT9.6X351L	12	6	74	metal	steel
1490	PRIMARY S.H TUBES (U-BEND) D45XT5.0X440L	12	9	108	metal	steel
1491	PRIMARY S.H TUBES (U-BEND) D48.6XT5.6X4	12	9	108	metal	steel
1492	PRIMARY S.H TUBES (U-BEND) D48.6XT5.6X33	12	5	60	metal	steel
1493	SECONDARY S.H TUBES (U-BEND) D50.8XT6.3X	12	11	132	metal	steel
1494	SECONDARY S.H TUBES (U-BEND) D50.8XT6.3	12	12	144	metal	steel
1495	SECONDARY S.H TUBES(U-BEND) D50XT6.3X350	12	6	69	metal	steel
1496	SECONDARY S.H TUBES (U-BEND) D50.8XT5.2X	12	8	96	metal	steel
1497	SECONDARY S.H TUBES (U-BEND) D50.8XT5.2X	12	6	75	metal	steel
1498	SECONDARY S.H TUBES (U-BEND) D50.8XT5.2X	12	5	58	metal	steel
1499	SECONDARY S.H TUBES (U-BEND) D50.8XT9.7X	12	14	168	metal	steel
1500	SECONDARY S.H TUBES (U-BEND) D50.8XT9.7X	12	11	132	metal	steel
1501	SECONDARY S.H TUBES (U-BEND) D50.8XT9.7X	12	10	120	metal	steel
1502	SECONDARY S.H TUBES (U-BEND) D50.8XT7.2X	12	12	144	metal	steel
1503	SECONDARY S.H TUBES (U-BEND) D50.8XT7.2X	12	9	108	metal	steel
1504	SECONDARY S.H TUBES (U-BEND) D50.8XT7.2X	12	6	76	metal	steel
1505	HANGER S.H TUBES (U-BEND) D42.7XT 3.9X38	12	5	60	metal	steel
1506	HANGER S.H TUBES (U-BEND) D42.7XT3.9X335	12	5	60	metal	steel
1507	TUBE OD 45XTHK. 10MM SA 213-T22 STEAM CO	131	9	1,179	metal	steel
1508	STEAM DRUM WATER LEVEL GAUGE COMAFETE	1	384	384	metal	steel
1509	TUBE OD 57.1XTHK. 4.0MM SA 213-T22 LSMR	25	26	655	metal	steel
1510	TUBE OD 57.1XTHK. 3.5MM SA 209-T1 LSMR	25	24	600	metal	steel
1511	TUBE OD 57.1XTHK. 3.5MM SA 192 LSMR	26	29	754	metal	steel
1512	TUBE OD 57.1XTHK. 4.0MM SA 213-T12	25	26	655	metal	steel
1513	TUBE OD 38.1XTHK. 3.5MM SA 21-T22 LSMR	191	8	1,528	metal	steel
1514	TUBE OD 38.1XTHK. 3.5MM SA 213-TP321H L5	49	8	392	metal	stainless steel
1515	R.H.(LOW TEMP)TUBES(90 DEG BEND)D57.1XT3	12	7	84	metal	steel
1516	R.H.(HIGH TEMP)TUBES(90 DEG BEND)D38.1XT	2	3	5	metal	steel
1517	R.H.(LOW TEMP)TUBES(BEND)D57.1XT4.0XA70	12	8	96	metal	steel

1518	E.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT4.0X4	12	6	72	metal	steel
1519	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT4.0X3	12	5	59	metal	steel
1520	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT4.0X4	12	10	120	metal	steel
1521	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1X4.0X47	12	7	84	metal	steel
1522	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT4.0X4	12	6	67	metal	steel
1523	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT4.4X35	12	5	57	metal	steel
1524	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT3.5X4	12	10	120	metal	steel
1525	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT3.5X4	12	10	120	metal	steel
1526	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT3.5X4	12	4	50	metal	steel
1527	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT4.4X3	12	5	58	metal	steel
1528	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT3.5X47	12	6	73	metal	steel
1529	R.H.(LOW TEMP)TUBES(U-.BEND)D57.1XT4.4X35	12	5	58	metal	steel
1530	R.H.(HIGH TEMP)TUBES(U-.BEND)D58.1XT3.5X	12	4	49	metal	steel
1531	R.H.(HIGH TEMP)TUBES(U-.BEND)D38.1XT3.5X	12	3	38	metal	steel
1532	R.H.(HIGH TEMP)TUBES(U-.BEND)D38.1XT3.5X	12	2	28	metal	steel
1533	PIVOT PIN 19X83MM S.S	20	0	2	metal	stainless steel
1534	TORCH NOZZLE	14	20	280	metal	stainless steel
1535	PIPE WITH ELBOW ASSEMBLY	24	20	480	metal	steel
1536	AIR CYLINDER FOR OIL GUN RETRACT COMPLETE	2	123	245	metal	steel
1537	AIRCYLINDER WITHOUT SPEED CONTROLLER	1	155	155	metal	steel
1538	COLLAR FOR COOLING WATER	8	0	1	metal	steel
1539	PRESS METAL FITTING	8	1	4	metal	steel
1540	U-TUBE Q.25.4X1.2X1500 R51	3	3	9	metal	steel
1541	U-TUBE Q.25.4X1.2X1500 R83	3	3	9	metal	stainless steel
1542	U-TUBE Q.25.4X1.2XSTL1500 R115	2	7	14	metal	steel
1543	U-TUBE Q.25.4XT1.2XSTL5100	2	7	14	metal	steel
1544	U-TUBE Q.25.4XT1.2X5100	2	7	14	metal	steel
1545	U-TUBE Q.25.4XT 1.2XSTL1500	2	7	14	metal	steel
1546	U-TUBE Q.25.4X1500	2	7	14	metal	steel
1547	U-TUBE Q.15.9X1.2XSTL1500	2	4	9	metal	steel
1548	U-TUBE Q.15.9XT1.2XSTL2000	2	3	6	metal	stainless steel
1549	Q.15.9XT1.2XSTL2000	2	3	6	metal	stainless steel
1550	Q.15.9XT1.2XSTL2000 R 93.5	1	3	3	metal	stainless steel

1551	GASKET FOR CHANNEL FLANGE EXOD 465X ID	4	1	3	metal	steel
1552	GASKET 445X465X3MM FOR S.HEATER SHELL FL	4	1	3	metal	steel
1553	U-TUBE Q15.9XT1.2XST1.1500 R27.5	1	4	4	metal	steel
1554	SPROCKET FOR SOOT BLOWER 1+2	2	2	3	metal	steel
1555	SPROCKET FOR SOOT BLOWER 1+2	2	1	3	metal	steel
1556	BEARING HOUSING -FREE SIDE	1	230	230	metal	steel
1557	BEARING HOUSING	2	2	4	metal	steel
1558	BEARING HOUSING -FREE SIDE	1	230	230	metal	steel
1559	PRIMARY COOLER TYPE 1550	1	35	35	metal	stainless steel
1560	PRIMARY COOLER TYPE 1535	1	25	25	metal	stainless steel
1561	SECONDARY COOLER	1	60	60	metal	stainless steel
1562	COMPRESSION SPRING WIRE DIA.12XO.D168X1.1	4	2	9	metal	steel
1563	COMPLETE SET PIN-RACK SWITCH PINS FOR AIR	24	30	720	metal	steel
1564	COUPLING CASE O.D420X SHAFT 230/223XH250	1	7	7	metal	steel
1565	HY-VO-CHAIN	2	16	32	metal	steel
1566	SPROCKET(B)GROOVED FAN SIDE	1	29	29	metal	steel
1567	FLANGE UNIT FOR CONNECTING SHAFT FVH-UCF	6	6	33	metal	steel
1568	BEARING HOUSING	1	2	2	metal	steel
1569	FLEXIBLE JOINT METAL DOUBLE HINGE W.FLG.	1	75	75	metal	steel
1570	MAIN VALVE GUIDE FOR ELECTROMAGNETIC VAL	1	2	2	metal	steel
1571	PARTIAL IMPELLER - PUMPING RING	2	3	6	metal	stainless steel
1572	COVER FLANGE	1	7	7	metal	steel
1573	FORCED PRESS.AIR VALVE FOR SOOT BLOWER	3	2	7	metal	steel
1574	INSPECTION CAP FOR EC HEADER SA 105 D 89	1	2	2	metal	steel
1575	INSPECTION CAP / SIDE WALL LOWER HDR A 1	8	10	80	metal	steel
1576	FRONT WALL TUBES (90 BEND) SA 210-A1 D63	11	10	110	metal	steel
1577	INSPECTION CAP FOR HANGER S.H INLET HDR	1	1	1	metal	steel
1578	INSPECTION CAP FOR PRIMARY S.H OUTLET HD	1	2	2	metal	steel
1579	INSPECTION CAP FOR SECONDARY S.H INLET H	1	2	2	metal	steel
1580	INSPECTION CAP FOR S.H OUTLET HEADER D 1	1	4	4	metal	steel
1581	HANGER S.H TUBES (U-BEND) D 42.7 X T3.9	12	5	60	metal	steel
1582	HANGER S.H TUBES (U-BEND) D42.7 X T3.5 4	12	5	60	metal	steel
1583	R.H (LOW TEMP) TUBES (U-BEND) D57.1 X T3	12	5	60	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدة المشغولة في المحر.

1584	HOT END (A) BASKET ELEMENT	23	192	4,416	metal	steel
1585	HOT END (B) BASKET ELEMENT	22	379	8,338	metal	steel
1586	HOT END (C) BASKET ELEMENT	23	525	12,075	metal	steel
1587	HOT END (D) BASKET ELEMENT	47	342	16,074	metal	steel
1588	HOT END (E) BASKET ELEMENT	23	308	7,084	metal	steel
1589	COLD END (A) BASKET ELEMENT	24	84	2,016	metal	steel
1590	COLD END (B) BASKET ELEMENT	48	105	5,040	metal	steel
1591	COLD END (C) BASKET ELEMENT	48	153	7,344	metal	steel
1592	COLD END (D) BASKET ELEMENT	48	173	8,304	metal	steel
1593	COLD END (E) BASKET ELEMENT	24	185	4,440	metal	steel
1594	MOTOR SIDE BEARING HOUSING COMP. WITH BA	1	360	360	metal	steel
1595	BALANCE SLEEVE	1	4	4	metal	stainless steel
1596	PIN 16X37MM	21	0	1	metal	stainless steel
1597	BURNER PISTON BALL V/V 1" 300LB S.W COMP	1	30	30	metal	steel
1598	BURNER PISTON V/V 1" (FOR ATOMIZING LINE	1	71	71	metal	steel
1599	COMPRESSION SPRING WIRE DIA.16X0.D174X12	3	4	13	metal	steel
1600	COMPRESSION SPRING WIRE DIA.12X0.D135X11	2	2	4	metal	steel
1601	PACKING GRAPHITE BRAIDED \$9X91X17.5MM WI	13	1	13	GRAPHITE	GRAPHITE
1602	CONTROL TRIP V/V 2" 300LB WCB S.W 667145	1	82	82	metal	steel
1603	VALVE PLUG	1	3	3	metal	stainless steel
1604	ROTOR DRIVE UNIT COMPLETE TYPE VMS 35(8)	1	485	485	metal	steel
1605	SPHERICAL ROLLER BEARING	4	0	2	metal	stainless steel
1606	DOUBLE BELLOW'S ELBOW RE-105-2B 1050X1490	4	17	68	metal	steel
1607	DOUBLE BELLOW'S ELBOW RE-105-2B 1050X1500	4	17	68	metal	steel
1608	STRAIGHT QUADRUPLE BELLOW'S RE-105-4B 140	10	12	121	metal	steel
1609	QUADRUPLE BELLOW'S ELBOW RE-105-4B 1500X1	7	38	266	metal	steel
1610	PIN PUSH COUPLING O.D140XSHAFT30/25X1100	2	11	22	metal	steel
1611	GEAR COUPLING O.D212XSHAFT85/48X1280MM	1	15	15	metal	stainless steel
1612	INTERNAL PIPE	2	720	1,440	metal	steel
1613	SHAFT COUPLING GUARD	1	10	10	metal	steel
1614	SEAL AIR BOX SIDE COVER	2	16	32	metal	steel
1615	COOLING WATER PIPING FOR BRG HOUSING	2	1	2	metal	steel
1616	FLEXIBLE HOSE FOR SEAL AIR BOX SIDE COVE	2	5	10	metal	steel

1617	CHAIN COUPLING CR5014J CASE O.D.100X185MM	4	4	1	4	metal	steel
1618	CARRIER	3	1	1	2	metal	stainless steel
1619	TORQUE LIMITER ASSEMBLY	4	1	4	4	metal	stainless steel
1620	PINION GEAR	1	125	125	125	metal	steel
1621	FLOAT	1	1	1	1	metal	stainless steel
1622	FLOAT	2	3	5	5	metal	stainless steel
1623	SCREEN HOLDER (STRAINER MODEL YBW 2 1/2"	1	4	4	4	metal	steel
1624	SCREEN HOLDER (STRAINER HOLDER YSW 2")	2	2	3	3	metal	steel
1625	SCREEN HOLDER (STRAINER MODEL YBW 3")	1	4	4	4	metal	steel
1626	SCREEN HOLDER (STRAINER MODEL YBW 4")	1	6	6	6	metal	steel
1627	SUPPORT HANGER(SPRING HANGER) COMPLETE NO	1	98	98	98	metal	steel
1628	WATER SWISHER (MODEL G78 3")	1	2	2	2	metal	steel
1629	SUPPORT HANGER(SPRING HANGER)COMPLETE NO	1	25	25	25	metal	steel
1630	ACCESS DOOR FOR FURNACE WALL	1	50	50	50	metal	steel
1631	SINGLE ROLLER - CHAIN (ANSI CHAIN NO.50)	458	5	2,350	2,350	metal	steel
1632	SUPPORT HANGER(CONSTANT HANGER)COMPLETE	1	243	243	243	metal	steel
1633	SINGLE ROLLER - CHAIN (ANSI CHAIN NO.80)	452	13	5,876	5,876	metal	steel
1634	SUPPORT HANGER(CONSTANT HANGER)COMP.L.NO.	1	78	78	78	metal	steel
1635	GASKET METAL JACKETED 798X828XMM FOR SH	11	0	5	5	metal	steel
1636	BIMETAL	7	6	39	39	metal	copper
1637	SPACER	1	3	3	3	metal	steel
1638	RETAINER FOR MECHANICAL SEAL	2	1	1	1	metal	stainless steel
1639	ADAPTER FOR MECHANICAL SEAL	2	1	2	2	metal	stainless steel
1640	SLEEVE FOR MECHANICAL SEAL	4	2	8	8	metal	stainless steel
1641	THRUST SHOE ASSY. PART NO.935.935-1.936.	3	2	6	6	metal	steel
1642	SEAL CASE FOR MECH SEAL_CW_COUPLING SIDE	1	4	4	4	metal	stainless steel
1643	BUSH FOR MECHANICAL SEAL	12	1	8	8	metal	stainless steel
1644	AGITATOR FOR PHOSPHATE TANK COMPLETE TYP	1	25	25	25	metal	steel
1645	AGTATOR FOR HYDRAZINE TANK COMPLETE TYP	1	20	20	20	metal	steel
1646	JAW COUPLING O.D70XSHAF122/13.5X175MM	1	1	1	1	metal	steel
1647	LIMANATOR	2	12	24	24	metal	steel
1648	FRONT HOOD	1	12	12	12	metal	aluminium
1649	FRONT HOOD	1	3	3	3	metal	steel

1650	RAIN HOOD	2	7	14	metal	steel
1651	KNOB FOR ACCESS DOOR	2	1	1	metal	steel
1652	HOOK FOR ACCESS DOOR	16	0	4	metal	steel
1653	SETTING PLATE 30X15-R5 SUS 304	76	0	2	metal	aluminum
1654	GUIDE BEARING HOUSING	2	130	260	metal	steel
1655	SEAL CASE CCW	1	4	4	metal	stainless steel
1656	BEARING HOUSING - MOTOR SIDE	1	490	490	metal	steel
1657	GEAR SET COMPLETE	1	16	16	metal	stainless steel
1658	SADDLE SPACER FOR PRIMARY S.H. TUBES SA2	16	0	2	metal	steel
1659	SADDLE SPACER FOR PRIMARY S.H. TUBES SA2	16	0	2	metal	steel
1660	SADDLE SPACER FOR SECONDARY S.H. TUBES S	141	0	16	metal	steel
1661	FLEXIBLE SADDLE FOR SECONDARY S.H. TUBES	172	4	688	metal	steel
1662	FLEXIBLE SADDLE FOR S.S.H. TUBES&R.H.H.T.	235	0	28	metal	steel
1663	SADDLE SPACER FOR R.H.L.T. TUBES SA217-W	203	0	30	metal	steel
1664	FLEXIBLE SADDLE FOR R.H.L.T. TUBES SA 21	63	0	11	metal	steel
1665	FLEXIBLE SADDLE FOR R.H.L.T. TUBES SA 21	63	0	7	metal	steel
1666	FLEXIBLE SADDLE FOR R.H.L.T. TUBES SA 2	63	0	3	metal	steel
1667	FLEXIBLE SADDLE FOR R.H.L.T. TUBES SA 217	197	0	36	metal	steel
1668	FLEXIBLE SADDLE FOR R.H.L.T. TUBES SA 21	192	0	21	metal	steel
1669	FLEXIBLE SADDLE FOR R.H.L.T. TUBES SA 21	195	0	10	metal	steel
1670	FLEXIBLE SADDLE FOR R.H. TEMP TUBES SA 21	63	0	8	metal	steel
1671	THE ROD FOR S.H.HANGER TUBES&PRIM.S.H. S	198	1	226	metal	steel
1672	SUPPORT PLATE FOR R.H.L.T. TUBES SA387 G	21	0	4	metal	steel
1673	SUPPORT PLATE FOR R.H.H.T. TUBES SA 240-	94	0	14	metal	stainless steel
1674	HANGER LUG FOR ECONOMIZER HANGER SA387-G	8	2	18	metal	copper
1675	HANGER LUG FOR ECONOMIZED HANG. TUBES SA3	8	1	9	metal	steel
1676	SOOT BLOWER INLET VALVE COMPLETE	1	16	16	metal	steel
1677	FUEL OIL NOZZLE ASSEMBLY L212-L	4	45	180	metal	stainless steel
1678	FUEL OIL NOZZLE ASSEMBLY L212-R	3	45	135	metal	stainless steel
1679	CORNER TILTING MECHANISM NEW LINK	2	8	16	metal	steel
1680	ROTOR DRIVE UNIT COMPLETE TYPE VMS 35(A)	1	460	460	metal	steel
1681	OIL PORT HOUSING ASSEMBLY	1	8	8	metal	steel
1682	ACCUMULATOR CAP ASSEMBLY	2	4	7	metal	steel

1683	SEAL RING SOFT IRON FOR GATE V/V 4" 2500	7	0	1	1	metal	stainless steel
1684	SEAL RING SOFT IRON FOR GATE V/V 5" 25.1	4	0	2	2	metal	stainless steel
1685	SEAL RING SOFT IRON FOR GATE V/V 8" 2500	4	2	7	7	metal	stainless steel
1686	SEAL RING SOFT IRON Q 333X295X40	9	22	198	198	metal	steel
1687	SEAT	2	5	10	10	metal	stainless steel
1688	SEAL RING	4	2	7	7	metal	steel
1689	DISC AND STEM ASSEMBLY.	2	3	6	6	metal	steel
1690	DISC AND STEM ASSEMBLY.	2	3	6	6	metal	steel
1691	DISC AND STEM ASSEMBLY.	2	3	6	6	metal	steel
1692	DISC AND STEM ASSEMBLY.	2	2	4	4	metal	steel
1693	DISC AND STEM ASSEMBLY.	2	2	4	4	metal	steel
1694	DISC AND STEM ASSEMBLY.	2	3	6	6	metal	steel
1695	STEM	2	1	1	1	metal	steel
1696	DISC AND STEM ASSEMBLY.	1	2	2	2	metal	steel
1697	DISC	2	2	4	4	metal	steel
1698	STEM	2	2	4	4	metal	steel
1699	DOUBLE BELLOWS RE-105-2A 920X1130MM/SPHC	2	2	5	5	metal	steel
1700	TRIPLE BELLOWS RE-105-3A 920X1130MM/SPHC	12	14	152	152	metal	steel
1701	TRIPLE BELLOWS RE-105-3B 1330X1220MM/COR	21	20	420	420	metal	steel
1702	STRAIGHT DOUBLE BELLOWS RE-105-2B 1200MM	4	25	100	100	metal	steel
1703	STRAIGHT DOUBLE BELLOWS RE-105-2B 850MM/	5	9	45	45	metal	steel
1704	STRAIGHT DOUBLE BELLOWS RE-105-2B 1000MM	4	5	18	18	metal	steel
1705	STRAIGHT TRIPLE BELLOWS RE-105-3B 1200MM	1	8	8	8	metal	steel
1706	GASKET SOFT IRON 096X110X14MM	12	12	148	148	metal	steel
1707	DISC FOR M.S.V.-520(M O) VALVE	11	1	14	14	metal	stainless steel
1708	DISC FOR M.S.V.-902 VALVE	1	4	4	4	metal	steel
1709	DISC FOR M.S.V.-903	1	1	1	1	metal	stainless steel
1710	GASKET SOFT IRON 096X110X14MM	1	1	1	1	metal	stainless steel
1711	GASKET SOFT IRON 210X240X32MM	4	0	1	1	metal	stainless steel
1712	GASKET SOFT IRON 360X406X50MM	3	5	15	15	metal	steel
1713	GASKET SOFT IRON 90X123X16MM 12P	4	8	32	32	metal	steel
1714	PACKING GRAPHITE BRAIDED 90X123X16MM 12P	3	1	5	5	metal	steel
1715	BEARING 5520 FOR ELEVATOR	2	2	3	3	GRAPHITE	GRAPHITE
1716	BEARING 557 FOR ELEVATOR	1	4	4	4	metal	copper
1717	GEAR STEINWEG	2	1	1	1	metal	copper
1718						metal	steel

1716	GEAR STEINWEG	2	1	1	3	metal	steel
1717	AXIAL SEAL STRAIGHT EDGE	1	15	15	15	metal	aluminum
1718	RADIAL SEAL STRAIGHT EDGE	1	15	15	15	metal	aluminum
1719	LAPPING PLATE FOR VALVE SEAT	1	2	2	2	metal	steel
1720	LAPPING PLATE FOR DISC	1	1	1	1	metal	steel
1721	LAPPING PLATE FOR VALVE SEAT	1	1	1	1	metal	steel
1722	LAPPING PLATE FOR VALVE SEAT	1	1	1	1	metal	steel
1723	LAPPING PLATE FOR VALVE SEAT	1	1	1	1	metal	steel
1724	LAPPING TOOL FOR SEAT (TYPE W-2)1500LB-3	2	8	8	16	metal	steel
1725	LAPPING BLOCK FOR DISC 2500LB-2 1/2"	2	3	3	6	metal	stainless steel
1726	TABLE 1500,2500LB-1",1500LB-1 1/2",2500L	2	1	1	2	metal	steel
1727	LAPPING BLOCK FOR DISC 1500LB-4"	2	5	5	11	metal	stainless steel
1728	LAPPING BLOCK FOR SEAT 2500(SPL)B-2 1/2	2	5	5	11	metal	stainless steel
1729	TABLE 1500LB-3",1500&2500LB-4"	2	5	5	10	metal	steel
1730	LAPPING BLOCK FOR SEAT 2500LB-14"	2	8	8	16	metal	steel
1731	LAPPING BLOCK FOR SEAT 2500LB-5"	2	6	6	11	metal	stainless steel
1732	LAPPING BLOCK FOR SEAT 2500LB-5"	2	1	1	2	metal	steel
1733	TABLE 2500LB-5"	2	5	5	10	metal	steel
1734	LAPPING BLOCK FOR SEAT 2500(SPL)B-2 1/2	2	5	5	11	metal	stainless steel
1735	LAPPING BLOCK FOR SEAT 2500LB-8"	2	3	3	5	metal	stainless steel
1736	LAPPING BLOCK FOR SEAT 2500LB-12"	2	6	6	11	metal	stainless steel
1737	LAPPING BLOCK FOR SEAT 2500LB-12"	2	20	20	40	metal	steel
1738	HANDLE FOR SEAT LAPPING 2500LB-1"	2	9	9	18	metal	steel
1739	LAPPING BLOCK FOR SEAT 2500LB-1"	2	0	0	1	metal	stainless steel
1740	LAPPING BLOCK FOR SEAT 2500LB-1"	2	1	1	2	metal	stainless steel
1741	LAPPING BLOCK FOR SEAT 2500LB-1"	2	1	1	2	metal	stainless steel
1742	LAPPING BLOCK FOR SEAT 2500(SPL)B-2 1/2	1	2	2	2	metal	stainless steel
1743	LAPPING BLOCK FOR SEAT 2500LB-3"	2	2	2	4	metal	stainless steel
1744	LAPPING BLOCK FOR SEAT 2500LB-3"	2	2	2	3	metal	steel
1745	LAPPING BLOCK FOR SEAT 2500LB-3"	2	1	1	2	metal	stainless steel
1746	LAPPING BLOCK FOR SEAT 300LB-2 1/2"	2	1	1	1	metal	steel
1747	LAPPING BLOCK FOR SEAT 300LB-2 1/2"	2	1	1	1	metal	steel
1748	LAPPING BLOCK FOR SEAT 300LB-2 1/2"	2	2	2	3	metal	stainless steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1749	TABLE 300LB-2 1/2"	2	1	1	3	metal	steel
1750	LAPPING BLOCK FOR DISC 300LB-3"	2	2	5	metal	stainless steel	
1751	TABLE 300LB-9"	2	1	2	metal	steel	
1752	LAPPING BLOCK FOR DISC 300LB-4"	2	5	9	metal	stainless steel	
1753	TABLE 300LB-4"	2	2	3	metal	steel	
1754	LAPPING BLOCK FOR SEAT 300LB-8"	2	6	11	metal	stainless steel	
1755	LAPPING BLOCK FOR DISC 300LB-8"	2	3	7	metal	stainless steel	
1756	TABLE 300LB-8"	2	2	4	metal	stainless steel	
1757	LAPPING BLOCK FOR SEAT 300LB-14"	2	12	24	metal	stainless steel	
1758	LAPPING BLOCK FOR DISC 300LB-14"	2	12	24	metal	stainless steel	
1759	TABLE 300LB-14"	2	7	14	metal	steel	
1760	LAPPING BLOCK FOR SEAT 300LB-18"	2	25	50	metal	stainless steel	
1761	LAPPING BLOCK FOR SEAT 2500LB-3"	2	2	4	metal	stainless steel	
1762	LAPPING BLOCK FOR DISC 2500LB-4"	2	3	5	metal	stainless steel	
1763	LAPPING BLOCK FOR SEAT 2500LB-8"	2	5	9	metal	stainless steel	
1764	LAPPING BLOCK FOR DISC 2500LB-8"	2	2	4	metal	stainless steel	
1765	LAPPING BLOCK FOR SEAT 2500LB-12"	2	6	11	metal	stainless steel	
1766	LAPPING BLOCK FOR DISC 2500LB-12"	2	7	14	metal	stainless steel	
1767	LAPPING BLOCK FOR SEAT 2500LB-1"	2	1	2	metal	stainless steel	
1768	CUTTING TOOL FOR SEAT 2500LB-12"	2	370	740	metal	steel	
1769	HANDLE FOR SEAT LAPPING 2500LB-12"	2	5	10	metal	steel	
1770	LAPPING BLOCK FOR SEAT 2500LB-12"	2	14	28	metal	stainless steel	
1771	LAPPING BLOCK FOR DISC 2500LB-12"	2	10	20	metal	stainless steel	
1772	SEAT ASSEMBLY TOOL 2500LB-12"	2	25	50	metal	steel	
1773	LAPPING TOOL FOR SEAT TYPE W-3 2500,5,8,	2	15	30	metal	steel	
1774	TABLE 2500(Spl)LB-2 1/2"2500LB-3" GATE V	2	1	2	metal	steel	
1775	PORTABLE AIR MOTOR	1	11	11	metal	stainless steel	
1776	LAPPING PLATE 900LB-4 INCH	2	1	2	metal	steel	
1777	LAPPING PLATE 300LB-5 INCH	2	1	3	metal	stainless steel	
1778	LAPPING PLATE 300LB-6 INCH	2	1	3	metal	steel	
1779	LAPPING PLATE 900LB-6 INCH	2	2	4	metal	steel	
1780	LAPPING PLATE 150LB-8 INCH	2	3	5	metal	steel	
1781	LAPPING PLATE 150LB-10 INCH	2	7	14	metal	steel	

ملحق رقم (8): المستزمات والمواد والقطع المتعلقة بالوحات المشمولة في البيع.

1782	LAPPING TOOL FOR SEAT 600LB-1/2 INCH	2	20	40	metal	steel
1783	LAPPING TOOL FOR SEAT 600LB 3/4 INCH	2	1	2	metal	steel
1784	LAPPING TOOL FOR SEAT 600LB-1 INCH	1	1	1	metal	steel
1785	LAPPING TOOL FOR SEAT 600LB-3/8 INCH	2	1	2	metal	steel
1786	LAPPING TOOL FOR SEAT 600LB-1/2 INCH	2	1	2	metal	steel
1787	LAPPING TOOL FOR SEAT 600LB-3/4 INCH	1	1	1	metal	steel
1788	LAPPING TOOL FOR SEAT 600LB-1 INCH	1	2	2	metal	steel
1789	LAPPING TOOL FOR SEAT 600LB-1 1/2 INCH	2	11	22	metal	steel
1790	LAPPING TOOL FOR DISC 600LB-1 1/2 INCH	2	1	1	metal	steel
1791	LAPPING TOOL FOR SEAT 600LB-2 INCH	2	5	10	metal	steel
1792	LAPPING TOOL FOR DISC 600LB-2 INCH	2	1	2	metal	steel
1793	LAPPING TOOL FOR SEAT 1500LB-3/4 INCH	2	1	2	metal	steel
1794	LAPPING TOOL FOR SEAT 1500LB-1 INCH	1	1	1	metal	steel
1795	LAPPING TOOL FOR SEAT 1500LB-2 INCH	2	4	8	metal	steel
1796	LAPPING TOOL FOR DISC 1500LB-2 INCH	2	1	1	metal	steel
1797	LAPPING TOOL FOR SEAT 150LB-2 1/2 IN,300	2	12	24	metal	steel
1798	LAPPING TOOL FOR DISC 150LB-2 1/2 IN,300	2	1	1	metal	steel
1799	LAPPING TOOL FOR SEAT 150LB-3 IN,300LB-3	2	2	3	metal	steel
1800	LAPPING TOOL FOR DISC 150LB-3 IN,300LB-3	2	1	2	metal	steel
1801	LAPPING TOOL FOR SEAT 150LB-4 IN,300LB-4	2	3	5	metal	steel
1802	LAPPING TOOL FOR DISC 150LB-4 IN,300LB-4	2	1	2	metal	steel
1803	LAPPING TOOL FOR SEAT 150LB-5IN,300LB-5I	2	5	10	metal	steel
1804	LAPPING TOOL FOR DISC 150LB-5IN,300LB-5I	2	3	5	metal	steel
1805	LAPPING TOOL FOR SEAT 1500LB-5INCH	2	5	10	metal	steel
1806	LAPPING TOOL FOR DISC 1500LB-5 INCH	2	5	10	metal	steel
1807	LAPPING TOOL FOR SEAT 300LB-14 INCH	2	5	9	metal	steel
1808	LAPPING TOOL FOR DISC 300LB-14 INCH	2	9	18	metal	steel
1809	LAPPING TOOL FOR SEAT 600LB-3/4 INCH	2	1	2	metal	steel
1810	LAPPING TOOL FOR SEAT 600LB-1 INCH	2	1	3	metal	steel
1811	LAPPING TOOL FOR SEAT 600LB-1 1/2 INCH	2	2	4	metal	steel
1812	LAPPING TOOL FOR SEAT 600LB-1 1/2 INCH	2	2	4	metal	steel
1813	LAPPING TOOL FOR DISC 600LB-1 1/2 INCH	2	1	1	metal	steel
1814	LAPPING TOOL FOR SEAT 600LB-2 INCH	2	3	6	metal	steel

1815	LAPPING TOOL FOR DISC 600LB-2 INCH	2	1	1	1	1	metal	steel
1816	LAPPING TOOL FOR SEAT 300LB-2 1/2 IN(ORI)	2	3	3	6	6	metal	steel
1817	LAPPING TOOL FOR SEAT 300LB-2 1/2 IN(ORI)	2	3	3	6	6	metal	steel
1818	LAPPING TOOL FOR SEAT 300LB-3 INCH	2	4	4	8	8	metal	steel
1819	LAPPING TOOL FOR DISC 300LB-3 INCH	2	1	1	2	2	metal	steel
1820	LAPPING TOOL FOR SEAT 300LB-4 INCH	2	5	5	10	10	metal	steel
1821	LAPPING TOOL FOR SEAT 600LB-3/8 INCH	2	1	1	1	1	metal	steel
1822	LAPPING TOOL FOR SEAT 600LB-3/4 INCH	2	1	1	2	2	metal	steel
1823	LAPPING TOOL FOR SEAT 600LB-1 INCH	2	2	2	3	3	metal	steel
1824	LAPPING TOOL FOR SEAT 600LB-1 1/2 INCH	2	3	3	5	5	metal	steel
1825	LAPPING TOOL FOR SEAT 600LB-2 INCH	2	9	9	18	18	metal	steel
1826	LAPPING PLATE 150LB-3 IN,300LB-3 INCH	2	1	1	1	1	metal	steel
1827	LAPPING PLATE 150LB-4 IN,300LB-4 INCH	2	1	1	2	2	metal	steel
1828	LAPPING PLATE 150LB-5 INCH	2	1	1	3	3	metal	steel
1829	LAPPING PLATE 150LB-6 IN,300LB-6 INCH	2	1	1	3	3	metal	steel
1830	LAPPING TOOL 300LB-2 1/2 IN,-5 INCH	2	100	200	200	200	metal	steel
1831	LAPPING PLATE FOR DISC 150LB,300LB&900LB	2	2	4	4	4	metal	steel
1832	LAPPING LPATE FOR DISC150LB,300LB&900LB-	2	110	220	220	220	metal	steel
1833	LAPPING TOOL FOR GLOBE VALVE 300LB-1/2*5	1	1	1	1	1	metal	stainless steel
1834	LAPPING TOOL FOR GLOBE VALVE 300LB-3/4*5	1	1	1	1	1	metal	steel
1835	LAPPING TOOL FOR GLOBE VALVE 300LB-1" SW	1	1	1	1	1	metal	stainless steel
1836	LAPPING TOOL FOR CHECK VALVE 1500LB-3/4"	1	2	2	2	2	metal	steel
1837	LAPPING TOOL FOR CHECK VALVE 300LB-3/4"	1	1	1	1	1	metal	steel
1838	SEAT RING RETAINER REMOVAL TOOL FOR 470(	1	1	1	1	1	metal	copper
1839	GUIDE	1	1	1	1	1	metal	steel
1840	GUIDE 50-K-461	1	1	1	1	1	metal	stainless steel
1841	SPHERE PICKER FOR HFO	1	10	10	10	10	metal	steel
1842	SPHERE GAUGE FOR HFO	1	10	10	10	10	metal	steel
1843	BAR (S45C)	14	0	0	3	3	metal	stainless steel
1844	BLIND PLUG (S541)	20	0	0	2	2	metal	stainless steel
1845	BAR (S45C)	17	0	0	4	4	metal	steel
1846	BAR (S45C)	6	0	0	1	1	metal	steel
1847	BAR (S45C)	6	1	1	8	8	metal	steel

1848	SPECIAL JIG FOR SEAT DISASSEMBLING	2	2	2	4	metal	steel
1849	IMPELLER	1	3	3	3	metal	steel
1850	OPERATING STEM NUT (SPECIAL)	1	2	2	2	metal	steel
1851	BOTTOM HOOK ASSEMBLY	1	4	4	4	metal	steel
1852	OIL PORT HOUSING ASSEMBLY	1	3	3	3	metal	copper
1853	ACCUMULATOR CAP ASSEMBLY	2	4	4	7	metal	steel
1854	INNER PISTON/M8	2	2	2	4	metal	aluminum
1855	FLEXIBLE TUBE	1	5	5	5	metal	steel
1856	FLEXIBLE TUBE	1	3	3	3	metal	steel
1857	FLEXIBLE TUBE	1	4	4	4	metal	steel
1858	FLEXIBLE TUBE	1	5	5	5	metal	steel
1859	FLEXIBLE TUBE	1	4	4	4	metal	steel
1860	IMPELLER 10-3/4 INCH T-R.H.	1	10	10	10	metal	steel
1861	END PLATE	1	21	21	21	metal	steel
1862	CASING HEAD	1	11	11	11	metal	steel
1863	COMP. CASING RING & GLAND RING	1	4	4	4	metal	stainless steel
1864	BEARING HOUSING-LOWER HALF	2	2	2	5	metal	copper
1865	BEARING HOUSING-UPPER HALF(2-HALVES)	2	5	5	10	metal	copper
1866	SHAFT COUPLING NUT-L.H. 1" O.D57X126MM	4	0	0	2	metal	steel
1867	UPPER BEARING HOUSING(4-HALVES)	4	5	5	22	metal	copper
1868	LOWER BEARING HOUSING(4-HALVES)	4	6	6	22	metal	copper
1869	ROTOR ASSEMBLY	1	37	37	37	metal	stainless steel
1870	AIR SEAL COMPLETE	2	12	12	24	metal	steel
1871	BUTT STRAP	8	5	5	40	metal	steel
1872	WIRE ROPE AND DISPOSABLE	7	33	33	231	metal	steel
1873	COVER FLANGE	1	45	45	45	metal	steel
1874	DOUBLE BELLOW RE-105-2B 1270*1050MM/COR	3	15	15	44	metal	steel
1875	TRIPLE BELLOW RE-105-3B 1390*1050MM/COR	19	25	25	475	metal	steel
1876	STRAIGHT DOUBLE BELLOW RE 105-2B1400MM/	12	11	11	132	metal	steel
1877	STRAIGHT DOUBLE BELLOW RE-105-2B 800MM/	12	6	6	72	metal	steel
1878	STRAIGHT DOUBLE BELLOW RE-105-25A 1200MM	7	9	9	63	metal	steel
1879	STRAIGHT TRIPLE BELLOW RE-105-3B 1540MM	9	17	17	153	metal	steel
1880	CAGE	1	1	1	1	metal	stainless steel

ملحق رقم (8): المستزمات والمعدات والقطع المتفاعة بالوحدة المشغولة في الحج.

1881	VALVE PLUG AND STEM ASSY	1	2	2	2	metal	steel
1882	VALVE PLUG	2	1	2	2	metal	stainless steel
1883	SEAT RING	2	1	3	3	metal	stainless steel
1884	VALVE PLUG	1	1	1	1	metal	steel
1885	SEAT RING	2	1	2	2	metal	steel
1886	CONTROL VALVE 657(70) - CAV I/V (2" - 250	3	190	570	570	metal	steel
1887	SEAT RING RETAINER.	5	0	1	1	metal	stainless steel
1888	VALVE PLUG AND STEM ASSY	1	1	1	1	metal	stainless steel
1889	VALVE PLUG	2	19	38	38	metal	stainless steel
1890	SEAT RING	3	8	24	24	metal	stainless steel
1891	CAGE	2	4	7	7	metal	steel
1892	SPACER BAR DIAM.80 X 150 HEIGHT	8	6	46	46	metal	steel
1893	ADJUSTING BAR DIAM.100 X 250 HEIGHT	16	1	17	17	metal	steel
1894	SPACER BAR DIAM.55MM X 230MM LONG	7	4	29	29	metal	steel
1895	SPACER BAR DIAM.48 X 200MM LONG	8	3	22	22	metal	steel
1896	STOP TUBE STAINLESS STEEL DIM. (1X7.5)"L	11	0	5	5	metal	steel
1897	FLANGE NPTF 1.3 1/2" ID, 4"XOD, 125S	4	17	68	68	metal	steel
1898	UNION GLOBE V/V MD 40 RA 20	1	1	1	1	metal	steel
1899	HALF COUPLING 1" A105 S.W OD. 60MM	2	1	1	1	metal	steel
1900	REDUCER 3/8"XOD, 48MM A105 S.W 3-Q299S	15	1	8	8	metal	steel
1901	HALF COUPLING 1/2" 3000 A105 S.W OD. 60MM	8	1	7	7	metal	steel
1902	HALF COUPLING 3/4" 6000 A105 S.W OD. 49M	20	1	10	10	metal	steel
1903	REDUCER WELD COUPLER 2"X60 MM 3000 A105	25	1	19	19	metal	steel
1904	BOSS 1" X 1/2" 6000 A105 S.W	17	0	2	2	metal	steel
1905	COUPLING 1" 6000 A105 S.W (DIA. HOLE 3/4	33	1	25	25	metal	steel
1906	COUPLING 1" 6000 A105 S.W (DIA. HOLE 1/2	12	1	9	9	metal	steel
1907	BOSS 1 1/4" X 1" 3000 A105 S.W	22	0	2	2	metal	steel
1908	FLANGE NPTF 2" PG4 CUNI 90/10 3/4" OUTLE	1	3	3	3	metal	steel
1909	PIPE 3" SCH 40 AL BRONZE	4116	0	576	576	metal	bronze
1910	PIPE OD 28XTHK 2.5MM AL BRONZE L5MR	37	9	333	333	metal	bronze
1911	FLEXIBLE CONDUIT CONNECTOR FOR BOX 3/4"	215	0	43	43	metal	steel

1914	CROSS GROVN CABLE	5	1	4	metal	steel
1915	TEE GROVE CABLE	188	0	15	metal	steel
1916	CRUSH BARRIER CORRUGATED PLATE	17	44	748	metal	steel
1917	POWER CABLE 3X240+150MM2 0.6/1KV PVC	45	10	450	metal	copper
1918	COUPLING 1 1/2"	25	0	11	metal	steel
1919	PIPE CONNECTOR 1/2" M/F 32MM HEX	33	0	3	metal	steel
1920	CONNECTION 1/2" NPTF S.STEEL	10	1	13	metal	steel
1921	I-BEAM CONDUIT CLAMP TYPE 1 GALVANIZED S	407	2	692	metal	steel
1922	CONDUIT BEAM CLAMP TYPE G28 GALVANIZED S	563	1	394	metal	steel
1923	PVC HEAT SHRINK TUBE (DIM 50X0.5MMX25)	100	10	1,000	metal	aluminium
1924	THYRISTOR INDUCTANCE TYPE T9G0-121103HS	2	10	20	metal	steel
1925	POWER SUPPLY FEEDR 48VAC/24VDC CONV. 50E	2	10	20	metal	steel
1926	SEAL RING (FOR H2) TURBINE AND EXC.SIDE	2	18	36	metal	copper
1927	H2 SEAL RING EXCITER SIDE	1	15	15	metal	copper
1928	SET OF H2 SEAL RING/TURBINE SIDE D=370MM	2	5	9	metal	copper
1929	GENERATOR SEAL BRACKET / TURBINE SIDE	1	400	400	metal	steel
1930	GENERATOR SEAL BRACKET / EXCITER SIDE	1	400	400	metal	steel
1931	ROUND HEAD BOLT 12X40MM FOR BUS-BAR WITH	50	0	4	metal	steel
1932	SCREW 6X030MM FOR REAR PANEL	152	0	2	metal	steel
1933	JACK BOLT 2 3/4"X190MM	6	6	36	metal	steel
1934	SET OF LABYRINTH STORIES FOR H2 GLAND SE	1	10	10	metal	stainless steel
1935	BEARING INSULATED SADDLE	1	163	163	metal	steel
1936	BRUSH HOLDER TYPE SAM-35UF 40X32.2MM FOR	48	0	15	metal	copper
1937	SLIP RING FOR ROTOR (2 PIECES)	1	50	50	metal	copper
1938	AXIAL GUIDES & RELATIVE FOR STATOR(NZ,N4	1	11	11	metal	steel
1939	N1 CUSTOMIZED SET OF STATOR LEVING SHIM	1	70	70	metal	stainless steel
1940	OFF LOAD TAP CHANGER 1100 AND RELEVANT S	1	970	970	metal	steel
1941	CAPACITOR 470MF 1000VDC 2BRUSH 185X135X35	2	12	24	metal	steel
1942	FUSE CERAMIC 1000A 1000V 74X74X68MM SQUA	12	1	12	CERAMIC	CERAMIC
1943	HEATER 500W-240V FOR COND.EXT.P/P MOTOR	1	3	3	metal	copper
1944	HEATER 1250W-220VAC FOR C.WATER P/P MOTO	1	14	14	metal	steel
1945	TRANSFORMER 3PH 400/340VAC 2820VA TYPE D	1	20	30	metal	steel
1946	VAPOR EXTRACTOR FAN W/MOTOR TYPE MV160 M	1	360	360	metal	steel

1947	SPACER FLAT RING O.D 305 X L.D 160MM 8HD	1	10		10	metal	steel
1948	AIR HEAT EXCH. FOR CWP/P MOTOR L1260XWS2	1	600		600	metal	steel
1949	MOTOR 6.6KV 29A 280KW 1483RPM FOR COND.	1	3,200		3,200	metal	steel
1950	COOLING FAN FOR MOTOR L.D80XO.D380MM MET	2	6		12	metal	steel
1951	L.V BUSHING 20KV.6900A OIL/AIR L=790MM P	6	80		480	CERAMIC	CERAMIC
1952	LOWER GUIDE BEARING WCP MOTORS L.D169.5X	1	12		12	metal	steel
1953	MOTOR FOR THYRISTOR COOLING FAN 3PH 380V	1	10		10	metal	steel
1954	COOLING FAN FOR MOTOR L.D72XO.D365MM MET	1	3		3	metal	aluminium
1955	RESISTOR TYPE A160 MEANDER	1	1		1	metal	steel
1956	SPACE HEATER FOR PANEL 240V 180W L88X68X	4	1		4	metal	aluminium
1957	SINGLE BRUSH HOLDER L25XW16MM	6	0		1	metal	aluminium
1958	EXHAUST FAN UNIT SIZE 6 DUCT 1020X780MM	3	106		318	metal	steel
1959	EXHAUST FAN(DIRECT DRIVE)305X305 400V 1.5	2	145		290	metal	steel
1960	EXHAUST FAN TYPE CR8-44 BELT W/MOTOR 400	1	100		100	metal	steel
1961	EXHAUST FAN(BELT DRIVEN)250X350MM WITH M	1	120		120	metal	steel
1962	GASKET TAKE OFF-TUBES MADE OF STN STEEL	50	0		4	metal	steel
1963	FILTER IN/OUT DIA. 30MM NO. 105	2	7		14	metal	steel
1964	FILTER IN/OUT DIA. 20MM NO. 21	2	3		6	metal	steel
1965	CELL SUPPORTS H=45MM PORCELAIN NO. 04600	51	0		8	CERAMIC	CERAMIC
1966	PLATE-FILTER TYPE 51 310 75 101	2	6		11	metal	steel
1967	COMPRESSOR 220V R12 1/2HP	3	20		60	metal	steel
1968	CYLINDER HOLDER ADJUSTABLE 175X135MM	1	16		16	metal	steel
1969	CYLINDER HOLDER ADJUSTABLE (SPECIAL TOOL	1	5		5	metal	steel
1970	PLUNGER CLAMP 240X200MM	1	11		11	metal	steel
1971	MOTOR PULLEY D-70MM 2MVP80B94Q	1	12		12	metal	steel
1972	MOTOR 230VAC 1.4A 1/15HP 1550 RPM	1	3		3	metal	steel
1973	MAIN TRANSF. 1X400-10/6X19-4V T2	1	30		30	metal	steel
1974	MUFFLER 30X11CM 11/8" O.D.S GAS CONNECT	1	3		3	metal	steel
1975	ECCENTRIC BUSHINGS RINGS & PIN 108.8MM	9	0		2	metal	steel
1976	STEEL BOX FOR HPS BALLAST 400W DIA.130MM	2	2		4	metal	steel
1977	CRANK SHAFT 680MM (07HG8C-5824)	5	4		22	metal	steel
1978	DISCHARGE VALVE ASSEMBLY 5754 103MM	12	1		14	metal	steel
1979	ROD CONNECTING (PISTON ARM) 6346-03	8	3		24	metal	aluminium

1980	PISTON & PIN ASSM. 112X92MM	8	1	5	metal	steel
1981	SIDE ROLLER L=280 Y100106	2	7	13	metal	steel
1982	SCREW PUMP FOR CLOSED STORAGE TYPE B45-4	1	37	37	metal	steel
1983	MOTOR 415V 55A 30KW FOR CLOSED STORAGE T	1	180	180	metal	steel
1984	PACKING METAL FOR ELEVATOR	1	22	22	metal	steel
1985	PACKING DIA 215X96MM	1	4	4	RUBBER	RUBBER
1986	SLEEVE BEARING FOR BFP/P (2000KW) DIA 16	2	37	74	metal	stainless steel
1987	RADIAL PADS 40/368 125X35MM	12	3	30	metal	stainless steel
1988	FLUORESCENT LIGHT FIXTURE 4X30W 240V 50H	4	80	320	metal	steel
1989	FLUORESCENT LIGHT FIXTURE 4X40W 240V 50H	1	10	10	metal	steel
1990	TRANSFORMER & RECTIFIRE 105VAC 24VDC ENR	1	2	2	metal	copper
1991	BATTERY CELL GS FOR ADMINISTRATION BUILD	19	28	532	BATTERY	NICKEL CADMIUM
1992	SLEEVE BEARING DIA60X160	4	500	2,000	metal	steel
1993	AIR FILTER 062.5X40XTHK.45MM (ALUMINIUM)	11	1	10	metal	steel
1994	AIR FILTER SQUARE 470X400X22MM AL. FLR05	8	1	5	metal	steel
1995	BEARING SHAFT P-110	8	6	50	metal	steel
1996	AIR FILTER 395X495XTHK.45MM (ALUMINIUM)	70	1	35	metal	aluminium
1997	BEARING SHAFT TYPE UCP314	7	12	84	metal	steel
1998	BEARING SHAFT UCP310	8	6	46	metal	steel
1999	BEARING SHAFT TYPE SN522 W/ROLLER BEARIN	4	21	84	metal	steel
2000	BEARING SHAFT TYPE UCP 308	4	3	13	metal	stainless steel
2001	BEARING SHAFT TYPE UCP 311	4	16	64	metal	steel
2002	BEARING SHAFT UCP315	4	15	59	metal	stainless steel
2003	BEARING SHAFT UCP309	2	5	10	metal	steel
2004	BEARING SHAFT TYPE UCP320	5	34	170	metal	steel
2005	BEARING SHAFT TYPE UCP 206	9	1	9	metal	steel
2006	EXHAUST FAN(BELT DRVN)355X485MM 400V 3.7	1	155	155	metal	steel
2007	TRANSFORMER 3X360V 440A 3XD-7700VA REGUL	1	135	135	metal	steel
2008	INCANDESCENT LIGHT FIXTURES 100W 220V 50H	9	1	7	metal	steel
2009	TOOL FOR RINGS ASSEMBLUS	1	6	6	metaf	steel
2010	RING ID650XOD1020XTHK.45MM 11 HOLE METAL	1	150	150	metal	steel
2011	RING ID730XOD965XTHK.45MM 11 HOLE METAL	1	150	150	metal	steel
2012	RING IN ROLERS D=970	1	150	150	metal	steel

ملحق رقم (8): المستويات والمعدات والقطع المتعلقة بالوحدة المشمولة في البيع.

2013	COLUMNS D=50 L=70	8	0	2	metal	steel
2014	COLUMNS D=50 L=140	8	1	4	metal	steel
2015	HEX JACK BOLT 36X17MM	6	1	3	metal	steel
2016	INDUCTION HEATING COIL COPPER MADE	1	100	100	metal	copper
2017	SPECIAL RING (INSIDE LABYRINTH) H.R.G	1	19	19	metal	steel
2018	STEEL PLATE 290X290MM	2	40	80	metal	steel
2019	LIFTING EYE BOLTS (HOOKS) FOR 6.6KV PANE	8	4	32	metal	steel
2020	HEATER ELEMENTS 415V,12KW EACH L=800MM	8	6	48	metal	steel
2021	LIGHTING DEFUSER 90X90CM FOR CONTROL ROO	18	3	55	metal	steel
2022	METAL FRAME FOR ALARM CONTROL ER-35-139	2	13	25	metal	steel
2023	RECHARGABL BATTERY 6V 12AH -LEAD ACID-L1	35	1	35	BATTERY	NICKEL CADMIUM
2024	FAN 220V 16W Q=300MM	2	2	3	metal	steel
2025	SEARCH LIGHT 1000W 240V TUNGSTEN LAMP E4	2	15	30	metal	copper
2026	HOSE CONNECTION NIPPLE 16	48	0	7	metal	steel
2027	DIFFERENTIAL PRESSURE TRANSMETER Q-1000MM	10	6	58	metal	steel
2028	DIFFER. PRESS. TRANSMETER Q-1900MMH2O W	3	13	39	metal	stainless steel
2029	I/P CONVERTER FISHER Q.2-1.0 KG/CM2	12	5	65	metal	steel
2030	LOCAL PRESSURE CONTROLLER Q-50KG/CM2	1	12	12	metal	steel
2031	FLOAT FOR LEVEL IND. CONTROLLER L=30CM W	1	4	4	metal	steel
2032	PIPE OD 12XTHK1.0MM COPPER C-1220	77	1	62	metal	copper
2033	SOLENIOD VALV 240VAC 2" BUSCHHOIST 8432800	2	27	54	metal	steel
2034	LOCAL DROP ANTICIPATOR,SOLENIOD,VALVE,WI	1	7	7	metal	steel
2035	INTERCEPTER VALVE CONTROL BOX	2	138	275	metal	steel
2036	QUICK EXHUST VALVE	3	0	1	metal	steel
2037	FLOW SWITCH MODEL CV50LJ-2M2-WP 2"	1	18	18	metal	stainless steel
2038	SOLENIOD V/V 24VDC (7 MOUNTED) CLASS-B M	3	11	33	metal	steel
2039	SOLENIOD V/V 24VDC (4 MOUNTED) CLASS-B M	2	10	20	metal	steel
2040	SOLENIOD V/V 24VDC 2WAY 10KG 1/4" FOR FU	3	2	5	metal	steel
2041	COIL FOR SOLENIOD VALVE D12PM FOR HFD BU	15	0	6	metal	steel
2042	IGNITOR LOCAL CONTROL BOX W:36,H:40,D:28	5	50	250	metal	steel
2043	PRESSURE TRANSMITTER Q-300PSI BAILEY BCS	3	5	14	metal	steel
2044	TEMP. SET POINT CONT. UNIT TYPE RCC6-H	1	2	2	metal	steel
2045	MOTORIZED VALVE IN CONTROL CABINET	1	9	9	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

2046	ACTUATOR ASSEMBLY 3312-ZR-W	1	11	11	11	metal	steel
2047	ACTUATOR ASSEMBLY 3250-ZR-W	1	41	41	41	metal	steel
2048	ACTUATOR ASSEMBLY 3225-ZR-W	2	19	38	38	metal	steel
2049	ACTUATOR ASSEMBLY 2"	1	4	4	4	metal	steel
2050	DIRECTIONAL CONTROL V/V 220V DYNEX-RVTT	1	12	12	12	metal	steel
2051	PRESS. SENSOR ST219 #316 ST/ST BELLOW'S 1	13	2	26	26	metal	aluminium
2052	PRESS. SENSOR ST180 #316 ST/ST BELLOW'S 1	14	2	28	28	metal	aluminium
2053	SENSOR TEFLON DIAPHRAGM FOR J402 5S2	13	3	36	36	metal	steel
2054	VOLUME TANK 1500LB MAX PRESS. 9KG/CM2 CA	1	35	35	35	metal	stainless steel
2055	VOLUME TANK 2500LB MAX PRESS. 9KG/CM2 CA	1	35	35	35	metal	stainless steel
2056	VOLUME TANK 300LB MAX PRESS. 9KG/CM2 CAP	1	35	35	35	metal	stainless steel
2057	VOLUME TANK 70L MAX PRESS. 9KG/CM2 CAPAC	1	100	100	100	metal	steel
2058	AIR SHUTTER VALVE FOR M100 S02 NO ANALYZ	1	14	14	14	metal	steel
2059	COOLING BLOWER FOR M100 S02 NO ANALYZER	1	12	12	12	metal	steel
2060	MOUNTING FLANGE FOR M100 S02 NO ANALYZER	2	10	20	20	metal	steel
2061	STUD BOLT 3/4"X5.10MM WITH NUT MOUNTING F	1	15	15	15	metal	steel
2062	HOLDER IND. LAMP	2	4	7	7	metal	steel
2063	AUXILIARY CONTACTOR COIL 240VAC ITH 16A	2	1	1	1	metal	aluminium
2064	DIAPHRAGM V/V 4" PN16 D.I FLANGED SAUNDE	2	50	100	100	metal	steel
2065	TERMINAL PIN J1945S01-2	730	0	7	7	metal	copper
2066	COPPER TUBE DIA 10X1	150	0	45	45	metal	copper
2067	TEST BOX EMPTY 30X30X20CM	1	3	3	3	metal	steel
2068	DIFFERENTIAL PRES REGULATOR V/V 2 1/2" S	3	40	120	120	metal	steel
2069	ACTUATOR WITH VALVE 6" omni-KSB REPLACED	2	30	60	60	metal	steel
2070	ACTUATOR WITH VALVE 2" omni-KSB REPLACED	3	2	22	22	metal	steel
2071	MANIFOLD	6	135	810	810	metal	stainless steel
2072	PERFORMANCE TEST SENSOR WITH FLANGE	1	3	3	3	metal	stainless steel
2073	T/W WITH TEMP ELEMENT L=650MM	20	0	4	4	metal	stainless steel
2074	ADAPTER STAINLESS STEEL 1/2" NPTF/M	17	1	9	9	metal	steel
2075	STUD BOLT 20X180MM ANTI COROSION WITH NUT	17	0	7	7	metal	stainless steel
2076	STUD BOLT 20X126MM WITH NUTS & WASHERS	1	21	21	21	metal	stainless steel
2077	PIPE WITH FLANGE AND 1" PORT	5	3	13	13	metal	steel
2078	PRES. BELLOW'S DWG. 7770-66						

ملحق رقم (8): المسكرات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

297	NUT 52MM	10	1	14	metal	steel
298	CALIBRATED BOLT FOR RIGID COUPLING D52	6	16	96	metal	steel
299	BOLT 52X420MM	3	13	39	metal	steel
300	LEAD DIAPHRAGM	25	8	200	metal	lead
301	WORM GEAR PINION	1	40	40	metal	steel
302	GUIDE BEARING ASSEMBLY	1	7	7	metal	steel
303	WORM	1	15	15	metal	steel
304	CLASH PINION GEAR	1	30	30	metal	steel
305	REDUCTION GEAR	1	100	100	metal	steel
306	MAIN PINION	1	100	100	metal	steel
307	BUSHING DIA. 101.4X76MM	4	0	2	metal	steel
308	CIRCLIP OUTER DIA 128MM.	2	1	1	metal	steel
309	BUSHING DIA. 126.4X43.5MM	7	0	2	metal	steel
310	BUSHINGS DIA 101.4X76MM .	3	1	2	metal	steel
311	BUSHING DIA. 190X50MM	4	1	2	metal	steel
312	BUSHING DIA. 187X38MM	3	0	1	metal	steel
313	ROTOR TURNING GEAR PNEUMATIC CYLINDER 6M	1	4	4	metal	steel
314	BUSHING DIA 190X50 MM	2	1	1	metal	stainless steel
315	MILLING MACHINE TYPE:C (2BOXES)	1	110	110	metal	aluminum
316	END ROTOR EXTENSION SHAFT COMPLETE	3	400	1,200	metal	stainless steel
317	ALEN KEY BOLT 20X083MM	35	0	8	metal	stainless steel
318	MAIN PUMP IMPELLER	1	13	13	metal	stainless steel
319	OIL SEAL RING (CENTRAL) WITH SCREW M 5X1	1	1	1	metal	copper
320	HALF DIAPHRAGM COUPLING O.D200XSHAFT42XL	3	9	27	metal	steel
321	HEX. BOLT FOR COUPLING 3.8	8	0	1	metal	steel
322	OIL PUMP BEARING (LOWER)	6	1	8	metal	stainless steel
323	OIL SEAL RINGS (MECH.SEAL)	15	1	16	metal	copper
324	IMPELLER WITH SHAFT ASSY.	3	50	150	metal	steel
325	LUBE OIL FILTER OD300XD236XH820MM FILTR	2	12	24	metal	steel
326	ACCUMULATOR COMPLETE	1	240	240	metal	steel
327	MECHANICAL SEAL J.CRANE OS1449-00 FOR SE	4	0	1	metal	steel
328	COMPLETE SEAL OIL VACUUM PUMP WITH MOTOR	1	350	350	metal	steel
329	JAW COUPLING O.D100XSHAFT41/19XL90MM	1	2	2	metal	steel

ملحق رقم (8): المستزمات والمعدات المتعلقة بالوحدات المشمولة في البيع.

330	SLIDE PIN 54X145MM	2	2	2	3	metal	steel
331	PISTON	2	2	2	4	metal	steel
332	CAM OPEN HEAD	2	2	3	7	metal	steel
333	CAM CLOSED HEAD	2	2	2	3	metal	steel
334	COMPLETE GEAR MOTOR VELOX 100/95	1	500	500	500	metal	steel
335	FLANGE SERIES 160/1163 40 HOLE	1	900	900	900	metal	bronze
336	COMPLETE PUMP RTV 40 WITHOUT ELECTRIC MO	1	50	50	50	metal	steel
337	IMPELLER	2	43	86	86	metal	stainless steel
338	FILTER BODY OD105XH410XNPT30MM 320-2B-12	18	18	324	324	metal	steel
339	FILTER BODY OD78XH385XNPT20MM 135-2-B-12	20	9	180	180	metal	steel
340	FILTER BODY OD120XH350XNPT36MM FRI2508VF	10	5	51	51	metal	aluminium
341	FILTER BODY (OD78XH240XNPT20)MM 420BAR C	4	7	28	28	metal	steel
342	SUCTION BELL	1	18,150	18,150	18,150	metal	stainless steel
343	WEAR RING DIA. 306X286	4	2	7	7	metal	steel
344	LOWER GUID BEARING	4	2	7	7	metal	steel
345	GUIDE VANE GUIDE BEARING	16	0	8	8	metal	copper
346	GUID BEARING	3	1	10	10	metal	copper
347	GUID BEARING	4	2	10	10	metal	copper
348	STATIONARY WEARING RINGS	16	2	24	24	metal	steel
349	ROTATING WEARING RINGS	12	1	17	17	metal	steel
350	CONDENSER TUBE Q.22X1.5	178	7	1,246	1,246	metal	stainless steel
351	SAFETY V/V (DN 10MM) 2.5 ATE PTEM	2	1	2	2	metal	steel
352	IMPELLER NUT DN. 53 (SPECIAL)	2	4	8	8	metal	copper
353	CONICAL SLEEVE	2	1	3	3	metal	steel
354	CASING WEAR RING 160/180/12	8	0	2	2	metal	bronze
355	CASING WEAR RING 150/165 X12	8	0	3	3	metal	bronze
356	SHAFT SLEEVE 28/38X55	1	4	4	4	metal	stainless steel
357	MECHANICAL SEAL UNITE2-38	7	0	2	2	metal	steel
358	STUD BOLT 30X245MM	15	1	19	19	metal	steel
359	NUT 30MM DIA C.S	16	1	13	13	metal	copper
360	STUD BOLT 60X340MM	20	7	140	140	metal	steel
361	EXTENSION NUT 60MM (SPECIAL)	20	5	100	100	metal	steel
362	GASKET RING JOINT 435X470X2.5MM	6	7	42	42	GRAPHITE	GRAPHITE

ملحق رقم (8): المستلزمات والمعدات والقطع المتكاملة بالوححدات المجمولة في البيع.

2079	FLOAT HUNGER ASSY. (300-N)	1	3	3	3	3	metal	steel
2080	FLOAT HUNGER ASSY (300-H)	1	3	3	3	3	metal	steel
2081	FLOAT HUNGER ASSY (700-N)	1	3	3	3	3	metal	steel
2082	TAPE HOLDING FLOAT 45M	1	1	1	1	1	metal	stainless steel
2083	LOCAL DIFF. PRESSURE CONTROLLER 2500-500	1	15	15	15	15	metal	steel
2084	BURNER TILT PNEUMATIC CYLINDER STAGE I	1	100	100	100	100	metal	steel
2085	CONTROL V/V 2" 600LB AZ17-CL2 S.W ED 66	1	50	50	50	50	metal	steel
2086	PNEUMATIC DIFF. PRESS. TRANSM. 600 MM H	2	17	17	34	34	metal	steel
2087	SOLENOID V/V 15BAR WITH OUT COIL CON.1.1	2	2	2	4	4	metal	copper
2088	AXIAL POSITION SENSOR	1	1	1	1	1	metal	steel
2089	POWER SUPPLY 115V AC -125V DC TYPE X12D8	2	44	44	88	88	metal	steel
2090	SINE WAVE INVERTOR 24DC/125AC TYPE 500G2	2	13	13	25	25	metal	steel
2091	ACTUATOR 657-70 TRAVEL 38 MM FISHER	1	125	125	125	125	metal	steel
2092	ACTUATOR 657-50 TRAVEL 2" FISHER	2	100	100	200	200	metal	steel
2093	ACTUATOR 657-45 TRAVEL 5.1 MM FISHER	2	45	45	90	90	metal	steel
2094	ACTUATOR 657-40 TRAVEL 38MM FISHER	1	22	22	22	22	RUBBER	RUBBER
2095	ACTUATOR 657 SIZE 30 AIR TO CLOSE FISHER	4	15	15	60	60	metal	steel
2096	ACTUATOR 667 SIZE 70 AIR TO OPEN FISHER	5	120	120	600	600	metal	steel
2097	LOCAL LEVEL CONTROLLER 3-15 PSI FLAOT SI	2	70	70	140	140	metal	steel
2098	SPEED PICK UP TYPE 3040A.	16	1	1	10	10	metal	stainless steel
2099	ACTU-ELECT. 400V 0.83A RPM:24 TORQUE:60NM	1	22	22	22	22	metal	steel
2100	ACTU-ELECT 400V 1.14A RPM:24 TORQE:125NM	1	31	31	31	31	metal	steel
2101	ACTU-ELECT. 400V 0.83A RPM:24 TORQE:60NM	1	22	22	22	22	metal	steel
2102	SOLENOID V/V 240VAC 2WAY 1.5-25BAR CON.2	1	4	4	4	4	metal	stainless steel
2103	SOLENOID V/V 24VDC 2WAY 10KG 1/2" ED300N	2	3	3	6	6	metal	steel
2104	SOLENOID V/V 24VDC 5WAY 10BAR ED300NSSVO	2	4	4	8	8	metal	stainless steel
2105	SOLENOID V/V 24VDC 2WAY 10KG 1/2" ED200N	3	4	4	11	11	metal	stainless steel
2106	SOLENOID V/V 24VDC 2WAY 12100310	11	1	1	9	9	metal	copper
2107	DIRECTIONAL V/V 24VDC MID1D-TA/50V DUPLOM	2	1	1	3	3	metal	steel
2108	DIRECTIONAL V/V 24VDC D4P4-Tg/31V. DUPLO	3	4	4	11	11	metal	steel
2109	COIL FOR SOLENOID VALVE 24VDC ED415STS	5	1	1	3	3	metal	copper
2110	COIL FOR SOLENOID VALVE 24VDC ED200NSS C	5	1	1	3	3	metal	copper
2111	COIL FOR SOLENOID VALVE 24VDC ED200NSS C	5	1	1	3	3	metal	copper

2112	SOLENOID V/V 24VDC 2WAY 1P4-TA-2/32V	3	10	30	metal	steel
2113	E/H TRANSDUCER E4E-TA-0020/52-24/V/AN	9	8	72	metal	steel
2114	POSITIONER ASSY. OF AUX./FUEL AIR DAMPER	10	1	14	metal	steel
2115	SELF ACTUATED TEMPERATURE REG. TYPE 2SH2.	2	8	16	metal	steel
2116	MANIFOLD V/V 1/2" NPTF 2V/V S.S. 316	10	1	13	metal	stainless steel
2117	GLOBE V/V 1/2" 2500 F316 S.W. NIPPLE NPTM	3	2	6	metal	steel
2118	H2 AUTOMATIC CONTROL VALVE	1	3	3	metal	copper
2119	H2 MANUAL CONTROL VALVE	1	3	3	metal	copper
2120	SOLENOID V/V BASE BODY 3WAY 1/4"	3	2	5	metal	copper
2121	CONTROL DRIVE FOR ACC0816 (PDF & GREI)W. A	1	190	190	metal	steel
2122	ACTUATOR CYLINDER J9811097-1 FOR ACC0608	1	5	5	metal	steel
2123	ACTUATOR 657-60 TRAVEL 29MM FISHER	2	53	106	metal	steel
2124	ACTUATOR 470-68 TRAVEL 22MM FISHER	2	40	80	metal	steel
2125	ACTUATOR 470-80 TRAVEL 19MM FISHER	2	85	170	metal	steel
2126	ACTUATOR 471-40 TRAVEL 29MM FISHER	2	11	22	metal	steel
2127	ACTUATOR 471-68 TRAVEL 29MM FISHER	2	36	72	metal	steel
2128	ACTUATOR 471-80 TRAVEL 29MM FISHER	2	81	162	metal	steel
2129	ACTUATOR 471 SIZE 130 AIR TO OPEN FISHER	2	140	280	metal	steel
2130	ACTUATOR 657-70 TRAVEL 51MM FISHER	1	100	100	metal	steel
2131	ACTUATOR 657-45 TRAVEL 1 1/8" FISHER	2	40	80	metal	steel
2132	ACTUATOR 657-40 TRAVEL 1 1/8" FISHER	1	19	19	metal	steel
2133	ACTUATOR 657-30 TRAVEL 3/4" FISHER	2	17	34	metal	steel
2134	ACTUATOR 667-30 TRAVEL 3/4" FISHER	1	10	10	metal	steel
2135	SOLENOID V/V 415VAC 2WAY CON 1/4" BAFTXB	1	1	1	metal	steel
2136	HEAD LIMIT SW. TYPE:ZCK-E05	49	0	8	metal	steel
2137	DUMP VALVE FOR INTERCEPTER VALVE.	1	22	22	metal	steel
2138	MANIFOLD V/V FOR INTERCEPTER VALVE WITH	1	10	10	metal	stainless steel
2139	Dissipating V/V	1	10,000	10,000	metal	Bronze
2140	wash water pump	2	1,000	2,000	metal	steel
2141	Blind Flange	3	600	1,800	metal	steel
2142	wash water pump	2	500	1,000	metal	Bronze
2143						
2144						

ملحق رقم (8): المستزيمات والمعدلات والقطع المتعلقة بالوحدات المشمولة في البيع.

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ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

#	Description	qty	material	TYPE OF METAL
1	RESISTOR 300R 60W WIREWOUND	5	electronics	electronics
2	OSCILLOSCOPE PROBE LF-189 40MHZ	3	electronics	electronics
3	I.C. SM6430C	2	electronics	electronics
4	POTENTIOMETER RESISTER 1K LONG ARM	5	electronics	electronics
5	CAPACITOR 2100MF 125V SCREW TERM.	4	electronics	electronics
6	CAPACITOR 2100MF 75V SCREW TERM.	6	electronics	electronics
7	TRANSISTOR BU526 METAL TO-3	11	electronics	electronics
8	UNIVERSAL RS-232	1	electronics	electronics
9	LAMP EXTRACTOR	2	electronics	electronics
10	DIP I.C. INSERTER/EXTRACTOR KIT	1	electronics	electronics
11	DIP I.C. EXTRACTOR	2	electronics	electronics
12	CAPACITOR 470PF 63V CERAMIC	26	electronics	electronics
13	CAPACITOR 1.3NF 160V AXIAL POLYSTYRENE	20	electronics	electronics
14	CAPACITOR 560MF 400V SCREW TERM.	2	electronics	electronics
15	CAPACITOR 390MF 400V SCREW TERM.	2	electronics	electronics
16	CAPACITOR 180MF 400V SCREW TERM.	2	electronics	electronics
17	CAPACITOR 470MF 200V SCREW TERM.	2	electronics	electronics
18	CAPACITOR 3900MF 63V SCREW TERM.	2	electronics	electronics
19	CAPACITOR 2700MF 63V SCREW TERM.	2	electronics	electronics
20	CAPACITOR 1200MF 63V SCREW TERM.	2	electronics	electronics
21	CAPACITOR 2200MF 40V SCREW TERM.	2	electronics	electronics
22	CAPACITOR 10000MF 16V SCREW TERM.	2	electronics	electronics
23	RESISTOR 330R NETWORK 8RES. 9PIN	10	electronics	electronics
24	RESISTOR 270R NETWORK 4RES. 8PIN	10	electronics	electronics
25	I.C. 8085	4	electronics	electronics
26	BASE 64 PINS LOW PROFILE OPEN FRAME TIN	55	electronics	electronics
27	DITIUGHTING TAPE 1.27MM	7	electronics	electronics
28	TRANSISTOR MJ12005 METAL TO-3	29	electronics	electronics
29	TRANSISTOR MJE340	7	electronics	electronics
30	TRANSISTOR MJ1000 METAL TO-3	10	electronics	electronics
31	EPROM 0-100PPB FOR ROSEMOUNT SILICA ANAL	1	electronics	electronics
32	QUICK DISCONNECT FEMALE FOR ROSEMOUNT SI	1	plastic	plastic
33	QUICK DISCONNECT MALE FOR ROSEMOUNT SILI	1	plastic	plastic
34	CPU BOARD FOR ROSEMOUNT SILICA ANALYZER	2	electronics	electronics
35	IF_100_IN_LONG FILTER	1	electronics	electronics
36	KEYPAD PANEL ASSY.SINGLE STREAM(ROSE.SIL	1	plastic	plastic
37	POWER SUPPLY BOARD FOR ROSEMOUNT SILICA	1	metal	steel
38	FAULT ANALOG BOARD ROSEMOUNT SILICA ANAL	2	plastic	plastic
39	INTERFERENCE FILTER 820 NM ROSEMOUNT SI	1	electronics	electronics
40	FLOW CELL 12MM TYPE 180-M243-12 ROSEMOUN	1	electronics	electronics
41	VALVE SPRING FOR TYPE W2/G/20/V	4	metal	steel
42	ADJUSTING SCREW SPRING FOR TYPE RQ5P5/20	2	metal	steel
43	IMDSI12 DIGITAL SLAVE INPUT MODULE	1	metal	steel
44	LOOP INTERFACE CABLE (TCL/LIS) NKLS01	14	metal	steel
45	S.W GASKET 40X429X4.5MM S.S 321 GRAPHIT	1	metal	steel
46	S.W GASKET 46.5X61X4.5MM GRAPHITE FILLER	1	metal	steel
47	SCREW HOLDER RING 80235519001	6	plastic	plastic
48	DIGITAL VOLTEMETER DISPLAY CARD	1	metal	steel
49	MOTOR 220VAC 0.2A 35W	1	metal	steel
50	DIGITAL METER	1	tool	tool
51	HEATER CARTRIDGE AC100V/100W	4	metal	steel
52	ECCENTRIC SHAFT (SUS316) 12DX44L	4	plastic	plastic
53	DUAL CHANN. PROCESS. TDSP A2B7C1 CASE EX	1	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

54	DUAL CHANNEL PROCESSING MODULES TDSP/A4/	2	metal	steel
55	AUX. RELAY 24VDC TYPE TRIPOK 20PIN	3	metal	steel
56	TRANSFORMER (5VA 220/110) SIRIO	5	metal	steel
57	REPAIR KIT FOR TURBINE GUIDE BEARING RTD	10	metal	steel
58	DOUBLE T/C L=2000 mm TYPE E O.D 4.7 mm W	3	metal	steel
59	MOTOR V220 6A 50HZ TYPE B2MC2 HP6	1	metal	steel
60	THERMOSTAT RT9 FOR COOLING BATH (-45 TO	1	metal	steel
61	THERMOSTAT RT3 FOR COOLING BATH -25C TO	1	metal	steel
62	CONTACTOR COIL 220V ITH 22A 4KW O.L 0.45	1	metal	steel
63	RELAY 10A 220VAC (MERCURY CONTACT) TYPE	2	metal	steel
64	RELAY WITH POTENTIOMETER 220VAC 10A 2000	1	metal	steel
65	HEATER CIC-2E-W1800-V220	1	metal	steel
66	THERMOSTATE FOR CIRCULATION BATH SENSOR	1	metal	steel
67	VERIABLE TRANSFORMER ASTM D96 220VAC (EI	1	metal	steel
68	RESISTANCE HEATER ASTM D445 220VAC/350W	2	metal	steel
69	MOTOR FOR STIRRER COPPER STRIP - CM-117/	1	metal	steel
70	WASHER O.D18X1.D8.2MM S.S	2	metal	steel
71	RETAINER	2	metal	steel
72	SUPPORT (HANDLING ELECTRODE + TEMP. SENS	2	metal	steel
73	FILTER ELEMENT	4	metal	steel
74	DETECTOR (PRE-NASD)	2	metal	steel
75	ANLYZR SHINA SOLENOID V/V 24VDC PRESS 1K	2	metal	steel
76	POWER SUPPLY 110VAC INPUT MAX.DC 5.0A	1	metal	steel
77	HEATER CONTROL CCT BOARD	1	electronics	electronics
78	COLD JUNT THERMO	1	tool	tool
79	TEMP. TESTER STANDARD PROBE PCO	1	tool	tool
80	PRESSURE REGULATOR 0-2.5KG/CM2 CON.1/4"	1	metal	steel
81	EMPTY CASE & WELL FOR RTD L=280MM (WITHO	1	metal	steel
82	RTD CASE EMPTY L=160 19191 DIN	2	metal	steel
83	CONVERTER COMUNICATION 11AE	1	metal	steel
84	MATERING FLOAT (BALL)	2	metal	steel
85	O-RING I.D 0003XTHK.1.6MM	6	RUBBER	RUBBER
86	REFLASH MODULE RONAN	6	metal	steel
87	COMPRESSION SPRING WIRE DIA.25.5XO.D1S2X	3	metal	steel
88	ACTUATOR FOR DRUM LEVEL CONTROL VALVE	2	metal	steel
89	ACTUATOR FOR MIN FLOW CONTROL VALVE	2	metal	steel
90	SPARE PARTS KIT FOR AC0608 PISTON	1	metal	steel
91	CONTROL DRIVE FOR AC0608(AH BYPASS DAMP)	1	metal	steel
92	REPAIR KIT NO. 302749-MO	10	plastic	plastic
93	SOLENOID V/V 24VDC FOR HFO BURNER (KANEK	4	metal	steel
94	DIAPH. O.D. 340MM FOR ACTUATOR TYPE:3250	2	RUBBER	RUBBER
95	PHOTO TUBE 335019	1	metal	steel
96	TENGESTON HALOGEN LAMP 335024	1	metal	steel
97	CONTACT INPUT SLAVE MODULE NDSM03	6	electronics	electronics
98	SOURCE LAMP 6V,3A , 333385	10	Glass	Glass
99	O-RING I.D 0026XTHK.4.0MM FOR LOW METER	2	RUBBER	RUBBER
100	FUSE LINK 6A 250V 14X53MM HRC	2	electronics	electronics
101	CHART MOTOR P/N 017 248	1	electronics	electronics
102	PRINT UNIT DRIVE CORD P/N 146 002	1	electronics	electronics
103	PRINTACT RELAY (INPUT) TYPE 036293 2 PIN	1	electronics	electronics
104	FUSE GLASS 1/8A 250V 6.3X32MM SPRING WIT	1	Glass	Glass
105	GASKET FOR TEST GAS PUMP	1	RUBBER	RUBBER
106	PURIFIER FOR GAS	1	metal	steel
107	GASKET FOR FLOW METER	4	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

108	GASKET FOR TEST GAS PUMP	2	RUBBER	RUBBER
109	C.B CONTROL 250V 2A TYPE 2210-S211-N1M1-	1	metal	steel
110	ISOLATOR SWITCH TYPE WE 77/EX2	1	metal	steel
111	ISOLATOR SWITCH TYPE WE 77/EX1	1	metal	steel
112	PROGRAM CONTROL 240V/50HZ SPA 2-180SEC	1	metal	steel
113	SERVO VALVE TYPE SVE/P/3 FOR RECOVERY TU	1	metal	steel
114	INDICATOR AMETER (0-100%)	2	metal	steel
115	INSULATION AMPLIFIER CARD	1	metal	steel
116	FEEDING CARD AL 101-REGUL	1	metal	steel
117	STANDARD SURFACE PROBE DESIGNATION-SKF L	1	tool	tool
118	STANDARD SURFACE PROBE DESIGNATION-SKF G	2	tool	tool
119	DOUBLE RTD FOR TURB GUIDE BRG DIA .10.S	1	metal	steel
120	FILTER KIT 258041A1 FOR BAILEY TRANSMITT	2	metal	steel
121	PRESSURE SENSOR FOR BAILEY TRANSMITTER K	1	metal	steel
122	SUPPRESS KIT 258134A1 FOR KA PRESSURE TR	2	metal	steel
123	INTERNAL COVER ASSY KIT 258040A1 FOR KA	2	metal	steel
124	AMPLIFIER KIT FOR TRANSMITTER BQ7 & BQ8	3	metal	steel
125	TEMP. TRANSM. TYPE EQ10	6	metal	steel
126	RESISTOR 1K OHM 2W	2	electronics	electronics
127	SIGNAL RESISTOR UNIT 766000 AAAA1	18	tool	tool
128	DOUBLE RTD FOR TURB GUIDE BRG DIA. 10MM	3	metal	steel
129	PRINT HEAD ASS. 137111	12	electronics	electronics
130	THERMAL PEN POWER SUPPLY CARD	1	electronics	electronics
131	PULLEY (DRIVE CORD) 0084062	2	plastic	plastic
132	BURDON TUBE WITH SOCKET 0-2.5 BAR 1/4 IN	2	metal	steel
133	BURDON TUBE WITH SOCKET 1-1.5 KG/CM2 NPT	2	metal	steel
134	ADJUSTING SCREW 004417	1	metal	steel
135	BURDON TUBE WITH SOCKET 0.16 BAR 1/4 IN.	2	metal	steel
136	AUTOMATIC ELECTRONIC DRAIN (EWD330-115	2	metal	steel
137	AUXILIARY CONTACTOR COIL 240VAC ITH 32A	1	plastic	plastic
138	TEMP.SENSOR PT100 FOR COMPR.ZR55	2	metal	steel
139	TERMINAL FUSE 10A 250V TYPE SAK WITH FUS	2	plastic	plastic
140	CONTACTOR COIL 220VAC IE 20A 4KW TYPE 3T	1	plastic	plastic
141	OVERLOAD 660V 1.6-2.5A TYPE 3VA50 00-1C	1	plastic	plastic
142	OVERLOAD 660V 1-1.6A TYPE 3VA50 00-1A	1	plastic	plastic
143	DIGITAL INPUT MODULE 6E55-417-7AA21	3	metal	steel
144	DIGITAL INPUT MODULE 6E55-405-7AB21	3	metal	steel
145	CABLE WARP PIN 6080170613 FOR ELCO CONNE	100	metal	steel
146	ALARM MODULE WITHOUT RELAY (RDSH-1000)	8	metal	steel
147	CHASSIS SOCKIT 1S 7WAY 298-258B	11	metal	steel
148	298-2522 CHASSIS PLUG 1P 7 PIN	6	metal	steel
149	CABLE PLUG 501516S-1S 7 WAY FEMALE	6	metal	steel
150	CABLE PLUG 5015 16S-1P 7 WAY MALE	1	metal	steel
151	TRANSDUCER L.V.D.T TYPE HR 3000	2	metal	steel
152	TRANSDUCER L.V.D.T TYPE HR 5000	3	metal	steel
153	ZERO SPEED PICK UP TYPE 4943	1	metal	steel
154	DOUBLE POLE CONNECTOR TYPE MS 3106 FOR T	1	metal	steel
155	CIRCUIT BREAKER 240V / 16A DUPL POLE	2	metal	steel
156	AUX. RELAY 115VAC TYPE HP2 8 PIN	1	plastic	plastic
157	LIGHTING SWITCH 250VAC 4A.	1	metal	steel
158	TRANSFORMER 240/110, 500VA.	2	metal	steel
159	TRANSFORMER 230/110, 500VA	1	metal	steel
160	AUX. RELAY 115VAC TYPE HC4E 14 PIN	1	metal	steel
161	RELAY SOCKET 300V 10A TYPE 27E122 8PIN	18	plastic	plastic

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

162	SURFACE PROBE TYPE S110	1	tool	tool
163	LEVEL SW. 2220-240-4-S JUCKER	1	metal	steel
164	TRANSLATOR TERMINATION UNIT NTTA01	2	electronics	electronics
165	CONTROL I/O SLAVE MODULE IMCIS12	3	electronics	electronics
166	DOUBLE RTD T6 L=275MM WITH WELL H2	1	metal	steel
167	DOUBLE RTD L=220MM WITH WELL FOR GEN. H2	1	metal	steel
168	LED'S GREEN,YELLOW,RED	17	electronics	electronics
169	DIODE P15D8324	12	electronics	electronics
170	TERMINAL BLOCKS WETH DIODES WEIDMULLER T	15	electronics	electronics
171	ELCO CONNECTORS	4	plastic	plastic
172	FILED TERMINATION PANEL NFTP01 (HOLDER R	3	electronics	electronics
173	CONTROL UNIT OF DIFF. EXP. PBA200	1	metal	steel
174	DIFF. EXPANSION SENSOR WITH TRANSDUSER	4	metal	steel
175	THERMO POINT 80 SCOP	1	tool	tool
176	SOCKET RELAY 300V/10A TYPE 27E123 11 PIN	2	plastic	plastic
177	H2 PRESS. MILMITER(0-2.5KG/CM2)INPUT SIG	1	metal	steel
178	PNEUMATIC TO CURRENT CONVERTER 0.2-1KG T	1	metal	steel
179	CHART 305MM 36MTS RANGE 0-600	69	paper	paper
180	EVERREADY CASE E713	1	tool	tool
181	IND. LAMP 220V 0.5MA GREEN (1A DRIER MFR	1	electronics	electronics
182	IND. LAMP 220V 0.5MA ORANGE (1A DRIER) M	1	electronics	electronics
183	IND. LAMP 220V 0.5MA RED (1A DRIER) MFR	1	electronics	electronics
184	HOLDER LED LAMP 250V 2.5W 3SB1204 YELOW	2	plastic	plastic
185	HOLDER LED LAMP 250V 2.5W 3SB1204 RED	2	plastic	plastic
186	IND. LAMP 24V 1.2W W 2X4.6 D (SIE FORNEY	10	electronics	electronics
187	FLOW IND. S.W CVM25.MO.MO.M14.WP.XXWITH	2	metal	steel
188	INK CARTRIDGE (GREEN) BAILEY FOR TURBINE	366	plastic	plastic
189	INK CARTRIDGE BLUE FOR TURBINE BAILY REC	350	plastic	plastic
190	INK CARTRIDGE RED BAILEY FOR TURBINE REC	516	plastic	plastic
191	DEAD WEIGHT TESTER MAX PRESS 200 KG/CM2	1	tool	tool
192	VIBRATION MECH ADAPTER SR6\ C000\D280 PA	2	metal	steel
193	VIBRATION MECH. ADAPTER SR6\ C000\ D489	2	metal	steel
194	EXTENSION CABLES CODE 989006 DWG 41670-P	7	metal	steel
195	DEMODULATORS CODE 980210003 DWG 53057-P	7	metal	steel
196	VIB.MECHANICAL ADAPTER SR6\C000\D250 PA	2	metal	steel
197	EMPERATURE SWITCH F402-P/M9B	1	metal	steel
198	REPIAIR KIT (PILOT) FOR 3750C POSITIONER	6	plastic	plastic
199	PRESSURE REGULATOR TYPE 67F R 0-2BAR 1/4	16	metal	steel
200	FISHER PNEUMATIC POSITIONER - ROTARY INP	2	metal	steel
201	LOCAL TEMPERATURE CONTROLLER 0-600 F FIS	2	metal	steel
202	LOCAL TEMPERATURE CONTROLLER 50-150 F	2	metal	steel
203	QUICK STROKING DEVICE 48VDC SSB-16-1	1	metal	steel
204	CONTROL UNIT	1	metal	steel
205	QUICK STROKING DEVICE 48VDC SSB-10-2	1	metal	steel
206	ACTUATOR 1052-60 FISHER	2	metal	steel
207	ACTUATOR 1051-40 FISHER	1	metal	steel
208	ACTUATOR 1051-60 FISHER	3	metal	steel
209	ACTUATOR 667-30 TRAVEL 19 MM FISHER	2	metal	steel
210	ACTUATOR 667 SIZE 34 AIR TO OPEN FISHER	4	metal	steel
211	ACTUATOR 667 SIZE 40 AIR TO OPEN FISHER	4	metal	steel
212	ACTUATOR 667 SIZE 45 AIR TO OPEN FISHER	6	metal	steel
213	ACTUATOR 667 SIZE 50 AIR TO OPEN FISHER	4	metal	steel
214	ACTUATOR 657 SIZE 34 AIR TO CLOSE FISHER	4	metal	steel
215	PISTON GLOBE V/V 1" 3600 ACTUATOR 603 NP	1	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

216	DIFFERENTIAL PRESSURE TRANSMETER 0-150"H	2	metal	steel
217	DOUBLE RTD FOR C.W PP GUIDE BEARING	3	metal	steel
218	TEMP. INDICATOR 0-100C DIAL 150MM L=170M	2	metal	steel
219	SENSOR THERMISTOR	1	metal	steel
220	PUSH BUTTON GREEN	10	plastic	plastic
221	TIME RELAY 230VAC (ON DELAY)0.15-1000SEC	1	plastic	plastic
222	TIME RELAY 230VAC 0.3SEC-60H TYPE SZA54-	1	plastic	plastic
223	AUX. RELAY 230VAC 10A/250VAC TYPE MT3262	25	plastic	plastic
224	EMPTY CONNECTION HEAD FOR SINGLE RTD	5	metal	steel
225	FEMALE CABLE ELCO CONNECTOR (38 PIN)	4	metal	steel
226	SOLENOID VALVE FOR COMPRESSOR ZR75	1	metal	steel
227	SENSOE LEVEL COMPRESSOR ZR75	1	metal	steel
228	ADDITIONAL CIRCUIT	1	metal	steel
229	RELAY MEMORY TYPE SIS10	2	metal	steel
230	CONVERTER PRINT TYPE RWA10	4	metal	steel
231	VOLTAGE MONITOR TYPE RUM20	1	metal	steel
232	TEST JACK MODULE TYPE PBK10	2	metal	steel
233	TEST MODULE TYPE PAV10	1	metal	steel
234	ADAPTOR MODULE FOR CASING EXPANSION T5	1	metal	steel
235	ELABORATOR CHANNEL MODULE TYPE T4a	1	metal	steel
236	POWER SUPPLY MODULE T1-F	2	metal	steel
237	POWER SUPPLY MODUL T5	1	metal	steel
238	POWER SUPPLY MODULE PW-OUT T4 TYPE B	1	metal	steel
239	POWER SUPPLY MODULE PW-OUT T4 TYPE A	1	metal	steel
240	SENSORS CODE 987M10010 DWG 80435-P1A1	7	metal	steel
241	T5 - ELABORATOR MODULE T5	1	metal	steel
242	T3 - ELABORATOR MODULE 949	2	metal	steel
243	POWER PAC PENUMATIC POSITIONER 3582 INPU	1	metal	steel
244	POWER PAC PENUMATIC POSITIONER 3582 INPU	3	metal	steel
245	RETRACTION UNIT CONTROL CABINET	1	electronics	electronics
246	SPARK PLUG ASSEMBLY FOR BOILER OIL INGIT	26	metal	steel
247	BOILER LOCAL JUNCTION BOX W: 42, H: 52,D	1	metal	steel
248	BOILER LOCAL JUNCTION BOX W: 67 , H:42 ,	1	metal	steel
249	BOILER LOCAL JUNCTION BOX W:72 , H:42 ,D	5	metal	steel
250	BOILER LOCAL JUNCTION BOX W: 102,H:42, D	2	metal	steel
251	BOILER LOCAL JUNCTION BOX W: 30 ,H: 50 ,	3	metal	steel
252	BURNER LOCAL JUNCTION BOX W:40 , H: 50 ,	3	metal	steel
253	BURNER LOCAL JUNCTION BOX W:50,H: 50, D:	3	metal	steel
254	TERMINATION CABLE NKAS01-10	6	metal	steel
255	FUSE GLASS 1A 250V 6X32MM	20	Glass	Glass
256	AUX. RELAY 24VDC TYPE RM1A0040024DC 14PI	4	metal	steel
257	AUX. RELAY 230VAC TYPE CR-M230AC4 14PIN	2	metal	steel
258	POWER SUPPLY CHASSIS PHARPSCH100000	1	metal	steel
259	MPS III BUS MONITORING UNIT 6644424A1	2	metal	steel
260	EHC POWER SUPPLY TYPE PHARPS03000000	4	metal	steel
261	AUX. RELAY 24VDC TYPE CR-PO24DC2 8PIN	2	metal	steel
262	LOOP INTF CABLE(TCL/LIS) NKLS01-10	1	metal	steel
263	POINT TABLE MODULE NPTM01	1	electronics	electronics
264	U-BACKING NBR LARG	75	metal	steel
265	SPACER O-RING A	50	plastic	plastic
266	MOUNTING KIT FOR 3-WAY SOLENOID VALVE FO	3	metal	steel
267	BOURDON TUBE FOR KFK815-1322 (0-70KG/CM2	1	metal	steel
268	PV POINTER (RED) FOR LOCAL CONTROLLER	1	metal	steel
269	SP POINTER (GREEN) FOR LOCAL CONTROLLER	1	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع

270	RESET UNIT	2	metal	steel
271	CAPSULE TUBING	2	metal	steel
272	COMPRESSION SPRING WIRE DIA.3.3XO.D16.8X	30	plastic	plastic
273	PRESSURE REGULATOR CLR-300 3/8" 0-10KG/C	2	metal	steel
274	S/P PVC INSULATED ROD	2	plastic	plastic
275	IND. LAMP 240V 10W TYPE B5-4 FOR CONTROL	10	metal	steel
276	DOOR LOCK ARM FOR L.N. RECORDER	5	metal	steel
277	DIAPHRAGM O-RING PISTON ASS. FOR PRES. S	2	metal	steel
278	DIAPHRAGM,O RING,PISTON ASS. FOR PRES. S	2	metal	steel
279	DIAPHRAGM,O RING,PISTON ASS. FOR PRES. S	4	metal	steel
280	DIAPHRAGM,O RING,PISTON ASS. FOR PRES. S	4	metal	steel
281	DIAPHRAGM,O RING,PISTON ASS. FOR PRES. S	2	metal	steel
282	DIAPHRAGM,O RING,PISTON ASS. FOR PRES. S	3	metal	steel
283	DIAPHRAGM,O RING,PISTON ASS. FOR PRES. S	4	metal	steel
284	PISTON INSERT TOOL -8"BAILEY CYLINDER FO	1	tool	tool
285	AUX. RELAY 220VAC TYPE RN306220 11PIN SC	10	plastic	plastic
286	FUSE GLASS 0.7A 250V 6X30MM	30	Glass	Glass
287	RESISTANCE.TEM.DETECTOR.RTD.FOR GENERATO	5	metal	steel
288	SENSOR KIT 5-30"H2O FOR DIFF. PRESS. TRA	3	metal	steel
289	REBAIR KIT FOR PNEUMATIC VALVE REXROTH	6	plastic	plastic
290	TERMINAL BOX STRIP TYPE SAK4 2MM	50	plastic	plastic
291	SHOSE FOR DETECTOR SUPERVISORY	26	metal	steel
292	CONNECTOR FOR SERVOMETER (3 PIN)	1	metal	steel
293	CONNECTOR HEAD 25 BLACK	1	metal	steel
294	CONNECTOR HEAD 25 GREY	1	metal	steel
295	MICRO SW. VC SP5	4	metal	steel
296	POS. TRANSM. SG10 AH (SULZER)	2	metal	steel
297	O-RING I.D 0110XTHK.5.5MM	2	plastic	plastic
298	DOUBLE RTD FOR TURB GUIDE BRG DIA. 11MM	3	metal	steel
299	TRANSFORMER TAG NO. 029299	2	electronics	electronics
300	BALANCING MOTOR TAG NO. 051903	1	electronics	electronics
301	BEARING TAG NO. 007195 FOR RECORDER 0354	5	plastic	plastic
302	PAD WHEELS TAG NO. 125156	9	plastic	plastic
303	DOUBLE RTD FOR TURB 3RD GUIDE BRG WITH S	2	metal	steel
304	PH ANALYZER ELECTRODE	2	plastic	plastic
305	DIRECTIONAL V/V 24VDC MD1B-Ta/40V DUPLOM	1	metal	steel
306	HEATER (110-240)V 20W	1	metal	steel
307	O-RING I.D 0007.5XTHK.1.8MM 5/16X7/16"	4	RUBBER	RUBBER
308	GASKET P/N 52808 POS. NO.6	2	RUBBER	RUBBER
309	ELECTRODE CLAMP	2	metal	steel
310	PORCELAIN DISC	2	metal	steel
311	TEST POINT TERMINAL	2	metal	steel
312	MEASURING ELECTRODE	2	metal	steel
313	SOLENOID V/V 2WAY (CL2 PLANT)	1	metal	steel
314	CLASS TUBE FOR FLOW INDICATOR 5-40M3/H	4	Glass	Glass
315	COMP. OIL FILTER PRESS. 16 TEMP. 60 TYPE	2	metal	steel
316	DIFF.PRES. IND. 0-2000NM3/H ELECTRICAL	2	metal	steel
317	TELEPHONE PLUG - LOCAL PANEL	2	tool	tool
318	SCALE FOR ELEC. AMPER IND. 0-138A FOR I/	3	metal	steel
319	SCALE FOR ELEC. AMPER IND. 0-360A FOR S/	3	metal	steel
320	NON RETURN VR 2-1-3/V(VR2. 13/V)	1	metal	steel
321	NON RETURN VALVE VR 7-1/V(VR7.1V)	1	metal	steel
322	COMPRESSION SPRING WIRE DIA.2.2XO.D11XL3	1	metal	steel
323	COIL FOR SOLENOID VALVE 24VDC TEA ROM	10	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

324	ACTUATOR CYLINDER FOR SHUTTER	2	metal	steel
325	SPOOL FOR DIRECTIONAL V/V SOLENOID OPERA	1	metal	steel
326	AIR FILTER REGULATOR UNIT FOR FURNACE FL	1	plastic	plastic
327	THERMISTOR ASSEMBLY FOR HYDRAZINE ANALAY	1	metal	steel
328	RELAY SOCKET FOR RELAY TYPE FRL253 11PIN	2	plastic	plastic
329	AUXILIARY RELAY 24VDC 5A TYPE MY3 11PIN	20	electronics	electronics
330	CONNECTOR FOR BURNER OPERATION PANEL	10	plastic	plastic
331	TERMINAL PIN 194S423-1	50	metal	copper
332	PIN FOR CONNECTOR CONTACT 1947183-1 +54.	160	metal	copper
333	TERMINAL PIN 1945423-3	40	metal	copper
334	DISPLAY UNIT FOR LOCAL TEMP. MONITOR TYP	1	electronics	electronics
335	PULSE GEN. ASSY. FOR FLOW METER 200P/REV	1	metal	steel
336	PULSE GEN. ASSY. FOR FLOW METER 100P/REV	1	metal	steel
337	PULSE GEN. ASSY. FOR FLOW METER 1000P/RE	1	metal	steel
338	COMPLET SET OF O.RING	3	RUBBER	RUBBER
339	ALARM CIRCUIT BOARD WITH KIT	1	electronics	electronics
340	DISSOLVED OXYGEN PROB CABLE	11	electronics	electronics
341	CALIBRATION POTENTIOMETER & SELECTOR SWIT	2	electronics	electronics
342	CHARGEABLE BATTERY ASSEMBLY 4.8V EA1B170	3	electronics	electronics
343	BATTERY BACK UP CIRCUIT CARD	2	electronics	electronics
344	CONVERTER FOR VIBRATION SENSOR. 2307 AMP	1	electronics	electronics
345	SWITCH REED RELAY ON MOTHER BOARD, 2500 O	2	plastic	plastic
346	PRE-AMPLIFIER	1	metal	steel
347	TEMPERATURE SENSER (ATC)	1	metal	steel
348	FEMALE CONNECTOR 5 PIN 3106-16S+3102A	22	metal	steel
349	CHART MOTOR 3CM. (018583)	4	electronics	electronics
350	PIPE O.D. 10.2MMXTHK. 1.0MM S.S	5	metal	stanless steel
351	O-RING REPAIR KIT FOR TRANS. 01151-0548-	1	plastic	plastic
352	ASSY. CONN. BOARD 01151-0267-0001	1	electronics	electronics
353	ASSY. CAL. BOARD ZERO/SPAN 01151-0139-0001	1	electronics	electronics
354	DIFF. PRES. SENSOR MODULE 01151-0011-003	1	metal	steel
355	LEVEL SW. POSITIONER 20M TYPE AT 5004W S	2	metal	steel
356	O-RING I.D 0010.7XTHK. 1.7MM (FOAM REGULA	1	RUBBER	RUBBER
357	FOAM REGULATION V/V SEAL 1/2"	1	metal	steel
358	FOAM REGULATION V/V GASKET	1	metal	steel
359	VOLUME TANK 70L CAPACITY 0.07M3	1	metal	steel
360	LED IND. LAMP 24V FOR BURNER L.C.P RED	10	electronics	electronics
361	PRESS. SENSOR FOR OJ110A 354	1	metal	steel
362	SENSOR #303 ST/ST PISTON FOR J402 610	2	metal	steel
363	SENSOR #347 ST/ST BELLOWS FOR J402 358	16	metal	steel
364	SENSOR TEFLON DIAPHRAGM FOR J402 552	3	metal	steel
365	PRESS. SENSOR ST180 #316 ST/ST BELLOWS 1	12	metal	steel
366	MEASURING BOARD VOL %O2 ACCOS	1	metal	steel
367	REMOTE MANUAL STATION COMP. N. 1 VOLTMET	2	metal	steel
368	PRES. SET POINT STATION WITH METER	2	metal	steel
369	FLOAT-ASSEMBLY 32175 FOR LS-400E	2	metal	steel
370	LEVEL SW. L=78CM LS-400 E	1	metal	steel
371	CONTROL GLOBE V/V 3" 150LB WCB B.W 657(4	1	metal	steel
372	INDICATING CONTROLLER TDCS3000	2	electronics	electronics
373	PRESSURE INDICATING CONTROLLER 0-100%	1	metal	steel
374	DIFFERENTIAL PRESSURE TRANSMETER 500-650	1	metal	steel
375	PRECISION MANUAL SETTER TDCS3000	2	electronics	electronics
376	DIAPHRAGM SEAL WITH CAPILLARY D 80X5M	4	metal	steel
377	DIAPHRAGM SEAL WITH CAPILLARY D 60X5M	5	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

378	BFP SPEED CARD TRANSDUCER			
379	SPEED SENSOR CABLE 2M	3	electronics	electronics
380	SPEED SENSOR INDUCTIVE PICKUP TYPE VDO P	6	metal	steel
381	CROSS UNION ZL 10 FOR PRES. SW. TREE	6	metal	steel
382	ELBOW UNION GL 10 FOR PRES. SW. TREE	2	metal	steel
383	HOSE LINE L=450 FOR DIFF. PRES. SW. WITH	4	metal	steel
384	UNION ISOLATION V/V 6MM PN40 BRONSE	4	plastic	plastic
385	REDUCER 12/10 FOR DIFF. PRESSURE INDICAT	2	metal	steel
386	ELBOW UNION GL 12 FOR PRESS. SW. TREE	4	metal	steel
387	TEE UNION OL 10 FOR PRESS. SW TREE	4	metal	steel
388	DIFF. PRESSURE SW. WITH IND. 0-0.8BAR 4.	1	metal	steel
389	OIL LEVEL SW. RJ22/S DN100	2	metal	steel
390	VALVE SEAT OF MOTORIZED BALL VALVE	2	metal	steel
391	INSULATOR (TEFLON) OF OIL IGNITOR	24	metal	steel
392	IGNITION PLUG HEAD FOR SPARKE ROD. OF IG	2	TEFLON	teflon
393	COVER LAMP (GREEN) FOR IGN. BOX	2	metal	steel
394	COVER LAMP (RED) FOR IGN. BOX	6	plastic	plastic
395	COVER LAMP (WHITE) FOR IGN. BOX.	6	plastic	plastic
396	START / STOP SWITCH 600V 10A	12	electronics	electronics
397	AUXILIARY RELAY 240VAC TYPE RR2KP 11PIN	2	plastic	plastic
398	IGNITION TRANSFORMER TYPE DD:102 240V AC	1	plastic	plastic
399	DIODE BRIDGE RECTIFIER KBPC2504	1	metal	steel
400	+ 5VDC SHUNT CURRENT BASS BAR (MPP02)	13	electronics	electronics
401	GASKET FIBER 051X114X1.8MM	3	electronics	electronics
402	PCB 70-229T FOR TEMP.DIGITAL DISPLAY BUS	5	plastic	plastic
403	AUX. RELAY 115VAC TYPE HP2 8PIN	2	metal	steel
404	PROBE 50X20 FOR PICK UP T1/50 C,TE.L= 41	1	plastic	plastic
405	PROBE 50X20 FOR PICK UP T1/50 C,TE.L= 26	1	metal	steel
406	COIL FOR CHANGE OVER CONTACT 240V-50HZ	1	metal	steel
407	COIL FOR CHANGE OVER CONTACT 125 V.D.C	3	plastic	plastic
408	BLANK WINDOW	6	plastic	plastic
409	ALARM PANEL PUSH BUTTON UNIT 90PB41FIPL	3	metal	steel
410	SOLENOID V/V 100VAC 2WAY 3/8" AS2308 KUR	1	metal	steel
411	WATER LEVEL SW.(OMRON) 61F-G3	6	metal	steel
412	PLUNGER MODEL ED300N55-UQDS	2	metal	steel
413	PLUNGER 9607 FOR MODEL ED300N55	4	metal	steel
414	U RING RUBBER 130X140X7.8MM FOR GAUGE TY	1	metal	steel
415	DIAPHRAGM SEALS TYPE SP96TT 1IN ANSI 150	10	RUBBER	RUBBER
416	RESESTANCE SELECTOR BOX	4	metal	stanless steel
417	FILTER	1	tool	tool
418	GUIDE PLUG	1	metal	steel
419	PLUG SAMPLE	2	metal	steel
420	T/C L=100MM 125C ONE ELEMENT	2	metal	steel
421	KIT O2 HEATER	3	metal	steel
422	PCB ASSY. HEATER	6	metal	steel
423	SENSOR KIT 0-55"HG FOR DIFF. PRESS. TRAN	1	metal	steel
424	GASKET TEFLON 018X24X2.6MM FOR BQ TRANSM	1	metal	steel
425	ADJ. SCREW KIT FOR BQ TRANSMITTER	2	TEFLON	teflon
426	TRANSMITTER MOUNTING KIT	2	metal	steel
427	COMPLETE SOLENOID V/V FOR SEA CCW PUMMP	2	metal	steel
428	TEST CABLE 7-POLE PKA07 SULZER	2	metal	steel
429	PRESSURE REGULATOR 0-60PSI CON1/4"	1	metal	steel
430	STEPPING MOTOR SP4-415 12V	2	metal	steel
431	COVER LAMP 7X20MM RED	1	metal	steel
		42	plastic	plastic

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع

432	COVER LAMP 1.4X2MM WHITE	76	plastic	plastic
433	FRONT FACE OF CHLORIDE ION ANALYZER	1	plastic	plastic
434	SENSOR HOUSING FOR O2. ANALYZER	1	metal	steel
435	PRESSURE REGULATOR 0-2.5KG/CM2 CON.1/4"	3	metal	steel
436	GASKET RUBBER FOR PRESSURE GAUGE DIA. 15	3	RUBBER	RUBBER
437	SWITCH CARD (FOR PRINTING TIME)	2	electronics	electronics
438	SERVO MOTOR AMPLIFIER CARD	1	electronics	electronics
439	INDICATOR TAPE ASSY (GREEN) 8269B01G0003	20	plastic	plastic
440	AUXILIARY RELAY 24VDC 5A MY2N 8PIN OMRON	2	electronics	electronics
441	AUXILIARY RELAY 24VDC 5A TYPE MY2 8PIN O	8	electronics	electronics
442	AUXILIARY RELAY 24VDC TYPE MY1 5PIN OMRO	11	electronics	electronics
443	SOLID STATE RELAY 24VDC OUTPUT 60VDC/3A	7	electronics	electronics
444	V-BELT A-30.5 (13X775) ID.760XW13XH9MM	10	RUBBER	RUBBER
445	V-BELT A-71(13X1800) ID.1810XW13XH9.5MM	3	RUBBER	RUBBER
446	عامود شلطة . مكيف صحراوي	4	metal	steel
447	V-BELT C-108 (22X2750) ID.2765XW21.5XH14	8	RUBBER	RUBBER
448	RESISTOR 82 OHM L22XW8X8MM THERMAL	10	electronics	electronics
449	V-BELT B-104(17X2650) ID.2640XW17XH11.5M	10	RUBBER	RUBBER
450	V-BELT B-95(17X2143) ID.2415XW16XH11.5MM	6	RUBBER	RUBBER
451	V-BELT B-81(17X2060) ID.2050XW16XH12MM	6	RUBBER	RUBBER
452	SET OF GASKETS FOR LYE DRUM, GAS COOLER E	1	paper	paper
453	TERMINAL GASKET 560X800X3	25	paper	paper
454	KWH METER 3PH 415/240V 200/5A	6	metal	steel
455	AMMETER 0-0400A 95X95MM	1	electronics	electronics
456	KWH METER (ELECTRONIC) 440V 300/5A TYPE	2	electronics	electronics
457	DC SHUNT SCALE 0-30A 60MV TYPE S-10	1	electronics	electronics
458	BALLAST FOR HP MERCURY 150W 240V 50HZ TYP	1	metal	steel
459	FLUORESCENT LIGHT FIXTURE 4X20W 240V L61	2	metal	steel
460	COGGED BELT 6218MC(AVX10X950LA) ID.910XW	4	RUBBER	RUBBER
461	COGGED BELT 6466MC(AVX13X900LA) ID.850XW	3	RUBBER	RUBBER
462	REFLECTOR FOR FLUORESCENT LIGHT FIXTURE	10	metal	steel
463	FLUORESCENT LIGHT FIXTURE 2X40W 240V TUB	4	metal	steel
464	RESISTOR 10K OHM 10W L=55MM (WIREWOUND)	2	electronics	electronics
465	LUX - METER -YEW- TYPE 3281 -YOKOGOWA	1	electronics	electronics
466	STEEL BEAM PROFEEL LG.760 755X100X200MM	1	metal	steel
467	HANDLE FOR MOVING RING (H.R.G)	1	metal	steel
468	SET OF ELECTRONIC SCREW-DRIVERS (6PCS)	1	metal	steel
469	TIE RODS M24 L=550 WITH NUTS AND WASHER	4	metal	steel
470	BASE FOR CABLE/CONDUIT ENTRY 3/4" I.D 19	3	metal	steel
471	DIFFUSER-TUPE FOR FLUOR.LIGHTING FIXTURE	14	metal	steel
472	FLUORESCENT LIGHT FIXTURE 2X40W 240V L12	25	metal	steel
473	AMPLIFIER MODULE ASSEMBLY 80100	3	electronics	electronics
474	SPOT LIGHTING CEILING FIXTURE 240V 6A 14	2	lamp	Glass
475	V-BELT MF 1195(9.5X500LA) ID.455XW10XH8.	1	RUBBER	RUBBER
476	V-BELT A-90 ID.2270XW12.5XH9MM	12	RUBBER	RUBBER
477	V-BELT B-120 ID.3020XW16.5XH11MM	36	RUBBER	RUBBER
478	V-BELT A-69 ID.1730XW12.5XH9MM	9	RUBBER	RUBBER
479	V-BELT A-99 ID.2520XW12.5XH9.5MM	9	RUBBER	RUBBER
480	V-BELT A-67 ID.1680XW12.5XH9MM	6	RUBBER	RUBBER
481	V-BELT 5V-900 ID.4760XW15.5XH14.5MM	150	RUBBER	RUBBER
482	V-BELT B-148(17X7350) ID.3780XW17XH12MM	4	RUBBER	RUBBER
483	V-BELT C-135 ID.3415XW22XH14MM	18	RUBBER	RUBBER
484	BEARING SHAFT TYPE UCP319	4	metal	stanless steel
485	V-BELT B-100(17X2540) ID.2540XW16.5XH11M	5	RUBBER	RUBBER

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486	V-BELT 5V-1800 ID.4510XW15.5XH15MM	10	RUBBER	RUBBER
487	V-BELT B-98(17X2500) ID.2460XW16.5XH11.5	6	RUBBER	RUBBER
488	V-BELT A-60(13X1525) ID.1520XW12.5XH10MM	6	RUBBER	RUBBER
489	V-BELT B-118(17X3000) ID.3000XW16.5XH11.	4	RUBBER	RUBBER
490	INTERNAL CIRCLIP O.D31.5XTHK2MM	4	metal	steel
491	WASHER O.D15.8X1.D6.8MM C.S	80	RUBBER	RUBBER
492	AIR FILTER SQUARE 505X375X20MM FIBER FLR	7	metal	steel
493	AIR FILTER SQUARE 625X400X25MM FIBER FLR	10	metal	steel
494	COIL (DUAL VOLTAGE) 240,480V CSWEG S05C8	4	electronics	plastic
495	FILTER ELEMENT FOR PUMP WIDTH=50MM	1	metal	steel
496	LATCH LOCK WITH FIBER 34X73MM	6	plastic	plastic
497	INCADESCENT LIGHT FIXTURES 200W 250V EVP	5	metal	steel
498	SPOT LIGHT CEILING FIXTURE 240V 6A ID.14	2	metal	steel
499	FLUORESCENT LIGHT FIXTURE 4X40W 240V 50H	63	metal	steel
500	CAPACITOR 2MF-500VAC DIA.28XH55MM (PLAST	6	electronics	electronics
501	MOTOR 415V 66A 37KW FOR WORKSHOP TYPE SB	1	metal	steel+copper
502	SCREW PUMP FOR WORKSHOP TYPE B70-3LVMTB	1	metal	steel
503	O-RING I.D 0180XTHK.5.5MM	1	RUBBER	RUBBER
504	PISTON GASKET FOR CLOSED STORAGE	1	RUBBER	RUBBER
505	DOOR GIBS	4	RUBBER	RUBBER
506	RESISTOR 3K OHM 25W (WIRE WOUND)	4	electronics	electronics
507	O-RING I.D 0110XTHK.3.5MM FOR OIL FILTER	29	RUBBER	RUBBER
508	COMPRESSION SPRING WIRE DIA.0.75XO.D7.8X	28	metal	steel
509	CYLINDER LINE ASSM DIA 100X140MM	12	metal	steel
510	LOCK NUT VALVE 16MM	10	metal	steel
511	VALVE PLATE 207.7X175MM	1	metal	steel
512	GASKET STRAINER D-OUT 80 IN65MM.	8	RUBBER	RUBBER
513	PVC CLAMP WITH BASE FOR PIPE SIZE 25MM	273	plastic	plastic
514	PVC CLAMP WITH BASE FOR PIPE SIZE 36MM	9	plastic	plastic
515	CAM-DERLIN SIZE 18.7X13.5X8.7MM	6	metal	steel
516	LOCK WASHER DIA 7X9.5MM	8	metal	steel
517	THERMAL DETECTORS 380V 10A TYPE SK10 200	6	electronics	electronics
518	TIME RELAY 240VAC 0.5SEC-100H TYPE H3BA	2	electronics	plastic
519	TIME RELAY (OFF DELAY) 240VAC 0.2-60SEC	1	electronics	plastic
520	LIMIT SWITCH 230V 4A TYPE TVH336-01 / 01	4	electronics	electronics
521	ARM FOR LIMIT SWITCH (ELEVATOR) 270MM	2	metal	steel
522	LIMIT SWITCH 45VAC 16A ITH TYPE IEC 337-	2	electronics	electronics
523	REPAIR KIT	1	metal	steel
524	CAM ROLLER 57X25MM	1	metal	steel
525	MOTOR 35X7MM FOR A ELEVATOR WEDGE	2	metal	steel+copper
526	SPRING DIA 12X36MM	4	metal	steel
527	SPRING DIA 3X71MM	6	metal	steel
528	PRIDGE RECTIFIRE TYPE SKBB500/445-4	1	electronics	electronics
529	RESISTOR 6.8 KOHM 10W DIA.6XL41MM	9	electronics	electronics
530	AUX. RELAY 240V TYPE A311X8XPR 12PIN	1	electronics	plastic
531	فيل نحاس قطر 25 ملم x طول 60 ملم	10	plastic	plastic
532	SCREW 4X048MM	100	metal	steel
533	BITUMEN FOR CELLS	30	paint	resin
534	GASKET FOR LYE SUPPLY TUBES	60	RUBBER	RUBBER
535	COGGED BELT ME-900740 ID.990XW18XH11MM	5	RUBBER	RUBBER
536	RUBBER SHEET (385X70X2)MM	4	RUBBER	RUBBER
537	TELEPHONE CABLE 3PX1.02 MM2 18AWG	100	metal	copper
538	CONTROL CABLE 2PX2.5MM2 300V PVC	79	metal	copper
539	TELEPHONE CABLE 10PX1.02 MM2 18AWG	60	metal	copper

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

540	COMPRESSOR 240V 3.6A R12 3/4HP TYPE CAJ2	4	metal	steel+copper
541	RELAY FOR COMP. 230V 1-2HP 2TON L52XW46X	3	electronics	plastic
542	COMPRESSOR RELAY 1/4 HP RP4215	6	electronics	plastic
543	BEARING PROTECTION TRANS.240/16VAC-DC W/	1	plastic	plastic
544	AUXILIARY CONTACTS FOR CONTACTOR NO/NC	2	electronics	plastic
545	DETECTOR UNIT 4-2-0 72-35C274 8 TERM	4	electronics	electronics
546	PRINTED BOARD K203A FOR FLASHER 72-35C26	1	electronics	electronics
547	PRINTED BOARD K202 FOR FLASHER 72-35C266	1	electronics	electronics
548	PRINTED BOARD K201A FOR FLASHER 72.35C26	1	electronics	electronics
549	CARBON BRUSHES L31XW10XH45MM FOR DC GENE	12	CARBON	CARBON
550	CARBON BRUSHES FOR GENERATOR SEAL OIL P/	47	CARBON	CARBON
551	CARBON BRUSHES L8.9XW6XH15 FOR ELEVATOR	3	CARBON	CARBON
552	A/V CONVERTOR TERMINAL FOR METER 250 OHM	5	electronics	electronics
553	A/V CONVERTOR TERMINAL FOR METER 100 OHM	5	electronics	electronics
554	STANDARD RESISTANCE 10 OHM DIA.104XH125M	4	electronics	electronics
555	SINGLE BRUSH HOLDER L22XW12MM	14	metal	steel
556	CAPACITOR 20MF 370VAC DIA.5XH80MM	5	electronics	electronics
557	VARIABLE RESISTOR 1 KOHM D.20XL166MM WIR	3	electronics	electronics
558	RESISTOR 0.01 OHM TYPE A10 MEANER	3	electronics	electronics
559	CAPACITOR 80MF 450AC DIA.63XH150MM	3	electronics	electronics
560	RESISTOR 1 OHM 7.5W DIA.7XL21MM FILM	20	electronics	electronics
561	CAPACITOR 47MF 40V DIA.8.5X20.5MM AXIAL	3	electronics	electronics
562	RESISTOR 12 KOHM W24 DIA.7X52MM WIRE GLA	18	electronics	electronics
563	RESISTOR 3.3 KOHM W23 DIA.7XL37MM WIRE G	4	electronics	electronics
564	RESISTOR 15 KOHM 8W W24 DIA.7XL37MM WIRE	4	electronics	electronics
565	RESISTOR 3.3 KOHM 7.5W R2 DIA.7X21MM FIL	3	electronics	electronics
566	RESISTOR 390 OHM G207 DIA.9X48MM WIRE GL	3	electronics	electronics
567	FAN FOR MOTOR O.D 170 X SHAFT 36 MM SERV	2	metal	steel
568	TUCK TAPE FOR FASTENING INSULATION WIDTH	1	PAPER	paper
569	H.V BUSHING 145KV 1000A TYPE PCTH.145.65	6	CERAMIC	CERAMIC
570	MOTOR 400V 5.5KW RPM 960 SF-JF FOR TURN.	1	metal	steel+copper
571	ROTOR FOR MOTOR TYPE MV315 LX4 L=1180MM	1	metal	steel
572	KEY FOR 24 VDC DIST BOARD 2D1 NO. CK14	5	metal	steel
573	KEY FOR 24 VDC DIST BOARD 1D1 NO. CK13	6	metal	steel
574	KEY FOR 250 VDC DIST BOARD 2D2 NO. CK09	12	metal	steel
575	KEY FOR 250 VDC BIST BOARD 1D2 NO. CK08	5	metal	steel
576	KEY FOR MCC 12C22 DOOR DRAWER NO. CK07	132	metal	steel
577	GASKET SHEET 1500X1500X3 MM	2	hard paper	paper
578	GASKET SHEET 1500X1500X2 MM	4	hard paper	paper
579	GASKET SHEET 1500X1500X1.5 MM	6	hard paper	paper
580	SWITCHING MODE REGULATOR CARD TYPE REG90	1	electronics	electronics
581	LOGIC (IMPULSE LATCH) RELAY 220VAC TYPE	1	electronics	electronics
582	C.B 3POLE 1000V 2000A TYPE CN2-3	1	metal	steel
583	DIODE TYPE SKN 20/16 W/HEAT SINK-SILICON	4	electronics	electronics
584	THYRISTOR T9GO161103HSD (PTHY ONE UNIT)C	6	electronics	electronics
585	CAP FOR LAMP HOLDER TYPE 3SB14 00-2C RED	5	plastic	plastic
586	CAP FOR LAMP HOLDER TYPE 3SB14 00-2C GRE	5	plastic	plastic
587	CAP FOR LAMP HOLDER TYPE 3SB1400-2C ORANG	10	plastic	plastic
588	CONTACT WITH HOLDR 220V 6A 2NO 2NC 3SP14	5	electronics	plastic
589	PUSH BUTTON LATCHING SWITCH 22MM GREEN	5	electronics	plastic
590	CONTACT BLOCK 220V 6A(NC) 22MM TYPE 3SB1	3	electronics	plastic
591	CONTROL SW. LATCHING ON-OFF W/O CONTACT	2	electronics	plastic
592	CONTACTOR COIL 240VAC IE 80A 22KW TYPE 3	1	electronics	plastic
593	DIODE D255N400B6T3 DIA.12XL17MM W/CABLE	3	electronics	electronics

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

594	SHAFT SEAL CRANPAC FOR MOTOR DF200LD ID5	4	RUBBER	RUBBER
595	CURRENT VOLTAGE CONVERTER CARD TYPE CTC-	1	electronics	electronics
596	STATOR VOLTAGE REG. CARD TYPE CMU (REG.	1	electronics	electronics
597	CURRENT MEASURE CARD TYPE CMI (RG. EXC.)	1	electronics	electronics
598	FOLLOW VP CARD TYPE REC (RG. EXC.)	1	electronics	electronics
599	DETECTOR LIMITED CARD (MAX MIN EXC.) TYP	1	electronics	electronics
600	DIODE R600 1033NH WITH CABLE METAL STUD	3	electronics	electronics
601	DIODES R600 1033NH WITH CABLE METAL STUD	3	electronics	electronics
602	COIL FOR CONTACTOR 240VAC TYPE SR-K8	1	electronics	plastic
603	CONTACTS FOR AUX. CONTA. TYPE SR-K8	2	electronics	plastic
604	COIL FOR CONTACTOR 240VAC 462 OHM 31X29X	21	electronics	plastic
605	CONTACTS FOR CONTACTOR SR-K4	2	electronics	plastic
606	CONTACTS FOR CONTACTOR 240VAC TYPE SMSO	1	electronics	plastic
607	COIL FOR CONTACTOR 240VAC 223 OHM 50X32X	1	electronics	plastic
608	MAIN & AUX. CONTACT SMSO MS-K80, K25+SMSO	1	electronics	plastic
609	COIL FOR CONTACTOR S-K80 240VAC 100X105M	2	electronics	plastic
610	CONTACTS WITH AUX. NC NO FOR CONTACTR SM	2	electronics	plastic
611	COIL FOR CONTACTOR 240VAC 225 OHM 43X30X	1	electronics	plastic
612	MAIN & AUX. CONTACT SMSO MS-K20/K21+SMSO	2	electronics	plastic
613	COIL FOR CONTACTOR 240VAC 760 OHM S-KR11	2	electronics	plastic
614	CONTACTS FOR CONTACTOR 240VAC TYPE SMS M	2	electronics	plastic
615	COIL FOR CONTACTOR 240VAC 235 OHM L50XW3	2	electronics	plastic
616	CONTACTS FOR CONTACTOR 240VAC SMSO MS-K2	2	electronics	plastic
617	COIL FOR CONTACTOR SR.K8 240VAC WITH BAS	2	electronics	plastic
618	MAIN & AUX. CONTACT SMSO MS-K50+SMSO M-K	2	electronics	plastic
619	MAIN & AUX. CONTACT SMSO MS-K20, K21+SMSO	3	electronics	plastic
620	UNDER POWER RELAY 100V TYPE PPX110-1 (GE	1	electronics	electronics
621	SELECTOR SWITCH O-RS-ST-TR TYPE FR 10-62	1	electronics	electronics
622	SELECTOR SWITCH ON-OFF FR 10-2-3/2 W/KEY	1	electronics	electronics
623	SELECTOR SWITCH UP-O-DOWN TYPE FR 10-3/2	1	electronics	electronics
624	DISCREPANCY SWITCH OPEN-C-CLOSE 11 SCREW	2	electronics	electronics
625	PLUG 20A 250V 3ROUND TYPE I-PIN AMERICAN	19	electronics	electronics
626	SURGE PROTECTION CUBICLE FOR CWP/P MOTOR	3	electronics	electronics
627	SPRING WASHER O.D14.4XI.D8MM	2	metal	steel
628	PRESSURE RELEASE V/V DN180 DI 180X290MM	1	metal	steel
629	CONTROL VOLT.RELAY 110VAC U<0.66UN-U>0.7	1	electronics	electronics
630	AUX. RELAY 24VDC TYPE 3301-MORS 32PIN (A	1	electronics	plastic
631	SHUNT CURRENT MEASURMNT 40A-100MV CL-0.5	1	electronics	electronics
632	SELECTOR SWITCH ITH=20A WITH 16 CONTACT	1	electronics	electronics
633	AUX. RELAY 24VDC TYPE RXMA1 16PIN	10	electronics	plastic
634	BRIDGE RECTIFIER 3PH 800V 20ADC SKD 50/1	1	electronics	electronics
635	BALANCE INDICATION TRANSDUCER 20-80VDC +1	2	electronics	electronics
636	CURRENT TRANSDUCER CV2. 24VDC 4-20MA 0-6	2	electronics	electronics
637	VOLTAGE TRANSDUCER CV4 24VDC 0-20MA TV74	1	electronics	electronics
638	GATE PULSE GENERATOR CARD (G.P.G)	1	electronics	electronics
639	FIELD CONTACTOR 250VDC 2POLE TYPE CBC71-	1	electronics	plastic
640	C.T 500/5A TYPE L40	1	metal	steel+copper
641	C.T 600/5A 15/20VA CL-0.5 TYPE L40	1	metal	steel+copper
642	C.T 800/5A TYPE L40	1	metal	steel+copper
643	TIME RELAY 250V TYPE RXKEL 16PIN	5	electronics	plastic
644	UNDERVOLTAGE RELAY 275V TYPE RXEL20 13PI	1	electronics	electronics
645	FIBERGLASS EPOXY STRIP FOR GEN(UNDER THE	815	plastic	plastic
646	FIBERGLASS EPOXY STRIP FOR GEN(UNDER THE	815	plastic	plastic
647	GASKET FOR COOLER GEN. FRAME 900X600MM	6	paper	paper

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

2430	KEY PAD ASSEMBLY	2	plastic	plastic
2431	ISOLATING OUTPUT CIRCUIT BOARD	1	metal	steel
2432	DISPLAY CIRCUIT BOARD	1	plastic	plastic
2433	LONG FLEXIBLE CABLE	8	metal	copper
2434	CO.AXIAL CABLE CHARACTERISTIC IMP. 75 OH	198	metal	copper
2435	VEDIO SELECTOR SW FOR FUR.FLAME CAMERA	1	electronics	electronics
2436	CONTROL ALARM UNIT FOR DRUM CAMERA	1	electronics	electronics
2437	CONTROL I/O SLAVE MODULE TYPE IMCIS22	2	electronics	electronics
2438	FRONT FACE BOARD ASSEMBLY FOR NDLS02	6	plastic	plastic
2439	PRENTED CIRCUIT BOARD NLIM02	3	electronics	electronics
2440	PRENTED CIRCUIT BOARD NLIM0	3	electronics	electronics
2441	ANALOG MASTER MODULE TYPE NAMM03 (NETWORK)	1	electronics	electronics
2442	UNDER VOLTAGE MOD.AMT.DWG 14982	1	metal	steel
2443	MALE CONNECTOR MS3102A-16S+MS3108A	21	metal	steel
2444	DIAPHRAGM SEAL (CO.CO2 SAMPLE PUMP)	4	plastic	plastic
2445	OPERATING DIAPHRAGM SIZE 306 C (FOR ABOVE)	3	metal	steel
2446	O-RING REPAIR KIT FOR TRANS. 01151-835-0	1	plastic	plastic
2447	REPAIR KIT FOR TRANSMITTER 01151-0546-00	1	metal	steel
2448	O-RING REPAIR KIT FOR TRANS. 01151-0034-	1	plastic	plastic
2449	REPAIR KIT FOR TRANSMITTER 01151-0549-00	1	metal	steel
2450	ASSY. AMP BOARD "E" 01151-0137-0001	1	electronics	electronics
2451	MICROSWITCH WITH MOUNTING KIT 150MM	1	metal	steel
2452	MOUNTING KIT 100MM TO SUIT WIRE TYPE AFS	1	metal	steel
2453	MICRO SW. 100MM.TO SUIT WIRE TYPE AFS70	1	metal	steel
2454	MONITOR SWITCH ALARM LOW & HIGH TYPE NTX	1	electronics	electronics
2455	ALARM MODULE WITH RELAY (RDSH-1002) RONA	4	metal	steel
2456	DIAPHRAGM NITRILE O.D205XLD.13MM WITH SE	1	RUBBER	RUBBER
2457	AUXILIARY CONTACTOR COIL 240VAC ITH 16A	2	plastic	plastic
2458	INDICATION LAMP RED COVER	2	Glass	Glass
2459	DIGITAL 417 220V 80 OUTPUT MODULE FLOAT	1	metal	steel
2460	DIGITAL (405) INP.MODULE FLOATING BINP.A	2	metal	steel
2461	DIGITAL 450 O.P MODULE FLOATING 32 O.P D	1	metal	steel
2462	M100R REMOTE CONTROL UNIT 502NO ANALYZER	1	plastic	plastic
2463	HOSE FILLING FOR COOLING BLOWER	2	metal	aluminum
2464	HOSE BAND FOR COOLING BLOWER AND BLOWER	4	plastic	plastic
2465	AIR HOSE FOR BLOWER ASSEMBLY 2 1/2"	2	plastic	plastic
2466	AIR HOSE FOR COOLING BLOWER 3M	1	plastic	plastic
2467	TERMINAL BOX FOR M100 502NO ANALYZER	1	plastic	plastic
2468	LED IND. LAMP 24V FOR BURNER L.C.P GREEN	10	electronics	electronics
2469	DIFF. PRES. SENSOR FOR H402 457	1	metal	aluminum
2470	PRESS. SENSOR BELLOWS ST26 FOR J402 144	1	metal	steel
2471	SENSOR #303 ST/ST PISTON FOR J402-611	17	metal	steel
2472	SENSOR TEFLON DIAPHRAGM FOR J402 550	5	metal	steel
2473	DIAPHRAGM METAL O.D70MM	10	metal	stanless steel
2474	DIAPHRAGM METAL O.D90MM	10	metal	stanless steel
2475	PRESSURE GAUGE 0-2 KG/CM2	3	metal	stanless steel
2476	PRES. SET POINT COMP. N.1 RED, GREEN & YELL	4	electronics	BOX4
2477	TEMP. SET POINT STATION WITH METER	1	metal	steel
2478	AMPLIFIER BOARD OF CALVID	1	metal	steel
2479	MEASURING BOARD OF CALVID	1	metal	steel
2480	PUSH BUTTON FOR BURNER LOCAL C.PANEL 300	17	electronics	electronics
2481	COIL FOR SOLENOID VALVE 220V	3	metal	steel
2482	POWER SUPPLY OMRON I/P 176-264VAC O/P 24	1	electronics	electronics
2483	COIL FOR SOLENOID VALVE FOR 2WAY S.V TYP	5	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

2484	COIL FOR SOLENOID VALVE FOR 2WAY 5.V TYP			
2485	PACKING COPPER 12.6X17X1.5MMOIL/SPARK PL	5	metal	steel
2486	PACKING TEFLON 3.7X8X1.0MMOIL/SPARK PLUG	12	electronics	BOX6
2487	O-RING I.D 0040XTHK.3.5MM JIS B2401-P40	24	electronics	BOX5
2488	O-RING I.D 0200XTHK.5.7MM (G190)	12	electronics	BOX4
2489	AUXILIARY RELAY 240VAC TYPE LY2 8 PIN (2	3	RUBBER	RUBBER
2490	AUXILIARY RELAY 240VAC TYPE LY4 14 PIN 1	3	electronics	BOX5
2491	TIME DELAY REAY CONTROL CABINE MY2V 240	1	electronics	BOX4
2492	OIL FLOW CONTROL SWITCH TYPE MB-297	1	electronics	BOX4
2493	O-RING I.D 0050XTHK.3.1MM JIS B2401-G50	1	metal	steel
2494	O-RING I.D 0002.7XTHK.1.85MM JIS B2401 C	12	electronics	BOX5
2495	PACKING TEFLON 12X16.4X2.0MM/OIL FLOW CO	36	electronics	BOX6
2496	MANOMETER VALVE R 1/2" TYPE 812 FOR H2 P	12	electronics	BOX6
2497	BUR. HFO VLV SPEED REGULATOR 10BAR TEMP	2	metal	steel
2498	M/V CONVERTER BAILEY	20	metal	steel
2499	FUSE CERAMIC 20A 250V 6.3X32MM CYLINDRIC	1	electronics	electronics
2500	FUSE CERAMIC 20A 250V 6.3X32MM CYLINDRIC	12	electronics	BOX4
2501	SPECIAL CABLE FOR FLAME DETECTOR	5	electronics	BOX4
2502	INTERNAL SOCKET XSTR 3PIN	1	metal	steel
2503	FLAME DETECTOR - EMPTY CONNECTION HEAD	5	electronics	BOX4
2504	GASKET TEFLON 009X13X1.0MM	2	electronics	BOX4
2505	SENSOR HEAD ASM	10	electronics	BOX6
2506	FUSE GLASS 3A 250V 5X20MM	1	electronics	BOX4
2507	RELAY SOCKET FOR AUXILIARY RELAY 8PIN	10	Glass	Glass
2508	PCB 70-2160 FOR TEMP. DIGITAL DISPLAY	5	plastic	plastic
2509	SET POINT DIGISWITCHES TYPE 15-324 (TEMP	1	metal	steel
2510	LED IND. LAMP YELLOW TYPE 16-889G	1	electronics	BOX6
2511	LED IND. LAMP RED TYPE 16-889R	5	electronics	BOX6
2512	DIAPHRAGM METAL O.D96MM	5	electronics	BOX6
2513	DIAPHRAGM METAL O.D74MM	2	metal	steel
2514	DIAPHRAGM METAL O.D79MM	2	metal	steel
2515	PRES. SEAL SP9611 (-1.1.3) NPTM	2	metal	steel
2516	AUX. RELAY 115VAC TYPE HC4-115V-AC	2	metal	steel
2517	FLANGE T1.50 MOD PG.	4	electronics	BOX5
2518	PROBE 50X20 FOR PICK UP T1/50 C,TE.L= 23	2	metal	steel
2519	PROBE 50X20 FOR PICK UP T1/50 C,TE.L= 22	1	metal	steel
2520	VIBRATION PICK UP 2ND BEARING TURBINE WI	1	metal	steel
2521	COIL FOR SOLENOID VALVE D12PRS-M FOR HFO	1	metal	steel
2522	GLASS TUBE TYPE RV100 (10-100M3/H) 1"	10	metal	steel
2523	SENSOR FOR FLOW RATE FOR CL2 PLANT	4	Glass	Glass
2524	AUX. RELAY 240VAC TYPE MK2KP 11 PIN OMRO	7	metal	steel
2525	LIQUID LEVEL GAUGE -LIS 1601 150MBAR	2	electronics	BOX5
2526	RELIEF VALVE RQ7-P5/41/V	1	metal	steel
2527	RELIEF VALVE RM43/1/20/V	3	metal	steel
2528	RELIEF VALVE TYPE RQ5-P5/41/V	1	metal	steel
2529	RELIEF VALVE TYPE RQ3-P5/40/V	1	metal	steel
2530	UNLOADER VALVE TYPE RQAS-P5/1/1/42/V	8	metal	steel
2531	COIL FOR SOLENOID VALVE 24VDC HT HT8344A	3	metal	steel
2532	COIL FOR SOLENOID VALVE 24VDC HT HT8316	3	metal	steel
2533	FUSE CERAMIC 1A 415VAC 300MM	3	metal	steel
2534	FUSE CERAMIC 20A 250V 300MM	10	electronics	BOX6
2535	FUSE GLASS 5A 220V 300MM SPRING	10	electronics	BOX6
2536	PANEL HORN ALARM 24VDC	10	electronics	BOX5
2537	MOUDLE TREPICLIZED 92AR2NL 24DC4EH(1GP)	1	metal	steel
		1	electronics	electronics

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2538	FLASHER TROPICALIZED BORD 90FIX1PB	1	electronics	electronics
2539	CARD RELAY TYPE 90AXC1E	1	plastic	plastic
2540	O-RING I.D 0012.5XTHK.1.8MM FOR RQMS-P51	2	electronics	BOX6
2541	DISPLACER FOR MODEL 7734 TYPE 316L-ST-ST	3	metal	steel
2542	O-RING I.D 0028.2XTHK.1.7MM	2	electronics	BOX6
2543	PRES. SPRING	2	metal	steel
2544	LIP-RING	2	electronics	BOX4
2545	PISTON	2	metal	steel
2546	COIL FOR SOLENOID VALVE 24VDC TYPE 7623	4	metal	steel
2547	SOLENOID V/V 24V S10G10G020147300	1	metal	steel
2548	COMPRESSION SPRING WIRE DIA.1.75XO.D9.4X	1	metal	steel
2549	PLUNGER FOR SOLENOID V/V ED4155 INDXT5	1	metal	steel
2550	COMPRESSION SPRING WIRE DIA.1.4XO.D18.5X	5	metal	steel
2551	O-RING REPAIR KIT MODEL ED300N5S-UQDS	1	electronics	BOX6
2552	COIL EM12-V-24DC FOR ED300N5S	12	metal	steel
2553	O-RING REPAIR KIT G1237,G3 106-G3 112	2	electronics	BOX6
2554	COMPRESSION SPRING WIRE DIA.1.4XO.D18.5X	1	metal	steel
2555	SOLENOID V/V 24VDC 2WAY 15KG 1/2" ED300N	1	metal	steel
2556	O-RING REPAIR KIT MODEL ED2150 CQDS	2	electronics	BOX4
2557	COMPRESSION SPRING WIRE DIA.0.75XO.D7.9X	1	electronics	BOX5
2558	PLUNGER MODEL ED2150 CQDS	1	metal	steel
2559	COIL EM12 V-24DC FOR MODEL ED2150 CQDS	5	metal	steel
2560	PRES. GAUGE SNOTT 150 0-4000LC WITH DIAP	1	metal	stanless steel
2561	GLASS FOR GAUGE TYPE V 1514 DIA=150MM	1	Glass	Glass
2562	POINTER TYPE B1150-50	3	metal	steel
2563	BORDON TUBE -1-3KG/CM2 1/2" NPT	2	metal	steel
2564	BORDON TUPE 0-6KG 1/2" NPT	3	metal	steel
2565	IND. LAMP 130V 3W E12 19X46MM TYPE 3S6/5	35	metal	steel
2566	AUX. RELAY 125VDC TYPE X23DC 14 PIN	3	electronics	BOX6
2567	COMPLETE LAMP CABINET POINT-LB-2000 125V	10	electronics	electronics
2568	I/P CONVERTER FISHER 6-30 PSI	1	electronics	electronics
2569	PRESSURE REGULATOR, TYPE 67AFR.5-35PSI. N	1	metal	steel
2570	PRESSURE REGULATOR 67AFR.30-60. PSI. NO G	1	metal	steel
2571	FAN (220X80MM) 220VAC 50HZ FOR CHMI. CAB	2	metal	steel
2572	FILTER SIGNAL HF	36	metal	steel
2573	CONN. RND-14PIN FINAL	12	metal	steel
2574	CONN. FLT.CBL SCR 6 PIN	2	electronics	BOX6
2575	CONN. FLT. CBL SCR 10 PIN	2	electronics	BOX4
2576	KIT 02 SENSOR	5	metal	steel
2577	FUSE GLASS 6A 250V 6X32MM	45	electronics	BOX4
2578	ELECT. HAND TOOL KIT	3	tool	tool
2579	REPLACEMENT PARTS KIT FOR VIBROMETER	1	tool	tool
2580	LED IND. LAMP WITH COVER SQUARE RED	10	electronics	BOX5
2581	LED IND. LAMP 150-001-201 GREEN	10	electronics	BOX4
2582	DOUBLE POLE CONNECTOR TYPE MS 3106 FOR T	4	plastic	plastic
2583	DIAPH. O.D. 330MM SIZE 30/34 FOR ACTUATO	2	RUBBER	RUBBER
2584	GLASS GASKETS FOR NUOVA FIMA TEMP. INDIC	30	RUBBER	RUBBER
2585	GLASSES FOR PRES. GAUGE (HUOVA FIMA) 150	26	Glass	Glass
2586	GLASS GASKETS FOR NUOVA FIMA PRES. GAUGE	30	RUBBER	RUBBER
2587	SENSOR KIT 0-30"H2O FOR TRANSMITTER BQ73	2	metal	steel
2588	LOCAL INDICATER WIRES FOR TRANS. BQ	7	metal	steel
2589	AMPLIFIER KIT FOR KA TRANSMITTER P.T NO.	8	metal	steel
2590	COIL FOR SOLENOID VALVE 24VDC DUPLOMATIC	5	metal	steel
2591	CABLE BLUG 3PIN FOR SOLENOID V/V	4	metal	steel

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2592	COIL FOR SOLENOID VALVE 240VAC HERION TYP	5	metal	steel
2593	COIL FOR SOLENOID VALVE NV-2126A,B-CW	4	metal	steel
2594	TI - TEST MODULE	2	metal	steel
2595	COIL 240 VOLTE	6	metal	steel
2596	DIRECTIONAL V/V 24VDC DUPLOMATIC D4P4-TA	1	metal	steel
2597	SOLENOID V/V 24VDC 2WAY 10KG 1/2" EO.215	2	metal	steel
2598	COIL FOR SOLENOID VALVE 24VDC MORREL	3	metal	steel
2599	SOLENOID V/V 24VDC 2WAY 10KG 1/2" ED300N	3	metal	steel
2600	SOLENOID V/V 220VAC 3WAY BOSCH CON.1/8"	4	metal	steel
2601	SOLENOID V/V 24DC ATOS FOR TRIP V/V AGAM	1	metal	steel
2602	DIRECTIONAL V/V 24VD 08LWV10P1N112WS024/	1	metal	steel
2603	SET OF O-RING AND GASKET NAKAKITA	3	metal	steel
2604	ECLOSING TUBE	3	metal	steel
2605	TEST CABLE 32-POLE PKA32 SULZER	1	metal	steel
2606	LIGHT DUTY CARD RELAY TYPE SRB10	3	plastic	plastic
2607	SUMMING AMPLIFIER RVE10	2	metal	steel
2608	FEED BACK TRANSMITTER (SULZER)	3	metal	steel
2609	REAGENT PUMP ASSY	3	metal	steel
2610	THERMISTOR WITH CABLE 1M BKV47-0002	2	metal	steel
2611	PHOTO DETECTOR PS4005	2	metal	steel
2612	SOLENOID V/V 100VAC ASSY. FOR REGANT PUM	3	plastic	plastic
2613	LEVEL SW. OLV-2P/1000	4	plastic	plastic
2614	SAMPLE HEATER 100V/600W L=150MM	2	metal	steel
2615	FLOW METER RANGE 200-800CC/MIN	1	metal	steel
2616	SILICA PHOTO CELL (7022)	7	metal	steel
2617	WATER FILTER (OD38XID34XH100)MM 5 MICRON	6	metal	steel
2618	WATER FILTER (OD50XID46XH100)MM 20 MICRO	10	metal	steel
2619	IND. LAMP 12V 30W 30X50MM (LIGHT SOURCE	14	Glass	Glass
2620	COUPLING 1/2" 316 NPTF SW WITH NIPPLE NP	10	metal	stanless steel
2621	TEST MODULE FOR TESTING AND START UP 330	1	metal	steel
2622	CABLE 711 CONNECTOR BETWEEN GES5 710-OSA	1	metal	steel
2623	POWER SUP. MODULE 931 FS5-110A PC FOR EXT	1	metal	steel
2624	MEMORY SUBMODULE F.S5.110A.PC 910	4	metal	steel
2625	MEMORY SUBMODULE 900 CPU-F 910	1	metal	steel
2626	TELEPHON JACK HAND SET.	3	tool	tool
2627	LED IND. LAMP 24VDC RED	9	electronics	BOX4
2628	LED IND. FOR DLS YELLOW	20	electronics	BOX6
2629	LED IND. FOR DLS GREEN	20	electronics	BOX4
2630	LED IND. FOR DLS RED	35	electronics	BOX5
2631	LED IND. LAMP 5X15MM YELLOW	35	electronics	BOX4
2632	LED IND. LAMP 5X15MM GREEN	35	electronics	BOX4
2633	LED IND. LAMP 5X15 RED M.C YS8	35	electronics	BOX4
2634	COVER LAMP 7X10MM GREEN	77	electronics	BOX5
2635	COVER LAMP 7X10MM RED	77	electronics	BOX4
2636	COVER LAMP 7X20MM WHITE	54	electronics	BOX4
2637	COVER LAMP 7X20MM GREEN	38	electronics	BOX5
2638	COVER LAMP 7X20MM ORANGE	15	electronfcs	BOX5
2639	COVER LAMP 1.4X2MM RED	21	electronics	BOX5
2640	IND. LAMP TYPE 1819 FOR ANNUNCIATOR MINI	600	electronics	electronics
2641	REDUCER 1"X1/2" ANSI B16,18 COOPER NPTM	10	metal	copper
2642	INSULATION TESTER 500V/100MOHM TYPE 3213	1	tool	tool
2643	CONDENSER CONDUCTIVITY CELL 0-10%	2	electronics	electronics
2644	CONDUCTIVITY CELL 0-10%	4	electronics	electronics
2645	CONDUCTIVITY ANALYZER MONITOR TYPE 7073-	1	electronics	electronics

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2646	PHOSPHATE ANALYZER TYPE A-10020 TOOLS KI	1	plastic	plastic
2647	SODIUM ION ANALYZER MONITOR TYPE 7077-5	1	plastic	plastic
2648	SODIUM ANALYZER WITH KIT 7972-1	1	metal	steel
2649	PH ELECTRODE ASSEMBLY COMPLETE KIT	1	plastic	plastic
2650	FILTER FOR O2 ANALYZER	3	plastic	plastic
2651	OPACITY MONITOR M300	1	plastic	plastic
2652	CO2 ANALYZER M711CO2 CONTROL UNIT	1	plastic	plastic
2653	CONN. HEAD FOR GAS PROBE 300MM FOR IMR 5	1	plastic	plastic
2654	GAS CYLINDER CO 48.3PPM	1	metal	steel
2655	GAS CYLINDER CO2 9.98%	1	metal	steel
2656	PRESSURE REGULATOR 0.2-2KG/CM2 FOR GAS A	2	metal	steel
2657	SPEED CONTROLLER V/V 1/4" TYPE AS 4000 N	2	metal	steel
2658	PRESSURE TRANSMITTER 0-14.2KG/CM2 KA1211	1	metal	steel
2659	PRESSURE TRANSMITTER 0-3.52KG/CM2 KA2112	1	metal	steel
2660	MOTHER BOARD ASSY. FOR IGNITOR FLAME INT	1	electronics	electronics
2661	FLICKER CARD FOR IGNITOR FLAME INTENSITY	3	electronics	electronics
2662	GASKET FOR PRES. GAUGE DIAL 150MM	18	RUBBER	RUBBER
2663	GLASS FOR PRESS GAUGE DIAL=160MM	18	Glass	Glass
2664	TEMP. INDICATOR 0-300C DIAL 120MM L=140M	1	metal	stanless steel
2665	DRIVE CORD FOR 250	2	electronics	BOX6
2666	COMPRESSION SPRING WIRE DIA.DIA.0.7XO.D1	2	electronics	BOX6
2667	COMPRESSION SPRING WIRE DIA.0.7XO.D5.9XL	2	electronics	BOX5
2668	SLIDE RESESTANCE	2	electronics	electronics
2669	MAIN GEAR FOR SERVO MOTOR	20	plastic	plastic
2670	BRUSH FOR SERVO MOTOR	8	electronics	BOX4
2671	BALANCING MOTOR (SERVOMOTOR OPERATING VO	8	electronics	electronics
2672	SOLED RELAY COTO-8549	4	electronics	BOX5
2673	CARD INPUT FOR LEEDS & NORTHUP RECORDER	3	electronics	electronics
2674	PRE-AMPLIFIER CARD	1	electronics	electronics
2675	INDICATOR TAPE ASSY (BLUE) 8269B01G0002	20	plastic	plastic
2676	INDICATOR TAPE ASSY (RED) 8269B01G001	19	plastic	plastic
2677	GEAR AND PINION 3868B01P0001	4	electronics	BOX4
2678	CHART MOTOR 24VDC 0-5RPM (P/NO.)5360 B02	3	electronics	electronics
2679	MOTHER BOARD 1612B53G0002 (BAILY RECORDER	9	electronics	electronics
2680	RED, GREEN, BLUE, SERVO AMPLIFIER CARD 1612	8	electronics	electronics
2681	PUSH BUTTON SWITCH WITH IND. LAMP 24VDC	9	electronics	electronics
2682	DIGITAL LOGIC STATION NDLS02	6	electronics	electronics
2683	AUXILIARY RELAY 24VDC TYPE MY4N 14 PIN	4	electronics	BOX5
2684	RELAY SOCKET FOR AUXILIARY RELAY P2CF-11	4	plastic	plastic
2685	AUXILIARY RELAY 220VAC 5A TYPE MY2 8PIN	10	electronics	electronics
2686	CONTROL TERMINATION UNIT TYPE NTCS01	5	electronics	electronics
2687	ANALOG OUTPUT TERMINATION UNIT TYPE NTAO	5	electronics	electronics
2688	STATION INTERFACE MODULE NSTM01	2	electronics	electronics
2689	PULSE INPUT SLAVE MODULE IMDSM04/NDMSM04	3	electronics	electronics
2690	LOGIC MASTER MODULE TYPE NLMM01	18	electronics	electronics
2691	CAPACITOR 4.5 MF 250VAC DIA. 25XH70 MM T	150	electronics	electronics
2692	V-BELT A-31.5 (13X800) ID.800XW12.5XH9.5	2	RUBBER	RUBBER
2693	COGGED BELT 6464MC (AVX13X850LA) ID.800X	1	RUBBER	RUBBER
2694	DIGITAL PUSH STATION (BUTTON INDICATOR)	3	electronics	electronics
2695	OIL LEVEL FLANGE SIGHT CLASS DIA 61MM	4	Glass	Glass
2696	COGGED BELT 6226MC ID.110XW10XH8MM	4	RUBBER	RUBBER
2697	GASKET CYLINDER HEAD	4	paper	paper
2698	GASKET CYLINDER HEAD	1	paper	paper
2699	C.B 1POLE 380V 15A (LIGHT, DIST. PANEL)	3	metal	steel

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2700	PLASTIC CELL SUPPORT FOR END ELECTROD			
2701	CAPACITOR 35MF 450VAC DIA.45XH93MM	34	plastic	plastic
2702	FLANGE FOR HEATER NO.3 VALVE BY PASS DIA	1	electronics	electronics
2703	FAN 220V 0.27A 10/40W DIA=250MM	1	metal	aluminum
2704	SHRINK TUBE 50.8/25.4	1	metal	steel+copper
2705	SHRINK TUBE 38.1/19	75	RUBBER	RUBBER
2706	SHRINK TUBE 25.4/12.7	70	RUBBER	RUBBER
2707	SHRINK TUBE 19.1/9.5	150	RUBBER	RUBBER
2708	CELL SUPPORTS FOR TERMINAL ELECTRODES	200	RUBBER	RUBBER
2709	CLASS TUBE DIA.34X28X200MM	8	plastic	plastic
2710	PVC-TUBE LYE AND ACID RESIS I.D24XTHK.6M	8	Glass	Glass
2711	C.T 1200/5A 3KV 30VA TYPE LG2	4	plastic	plastic
2712	KWH METER 415/240V 1200/5A	9	metal	steel+copper
2713	KWH METER 415/240V 800/5A	4	metal	steel
2714	KWH METER 415/240V 600/5A	1	metal	steel
2715	KWH METER 415/240V 500/5A	1	metal	steel
2716	C.T 0.6/3KV 500/5A 5VA CL.0.5(DT-40CT)	1	metal	steel
2717	KWH METER 400/230V 00/5A	3	metal	steel+copper
2718	C.T 06/3KV 150/5A 2.5VA CL.1 TYPE CFS	5	metal	steel
2719	C.T 300/5A 5-7.5VA CL.0.5 TYPE L40	11	metal	steel+copper
2720	C.T 0.66/3KV 250/5A 5VA CL. 1 (MSQ-30)	3	metal	steel+copper
2721	C.T 200/5A 5/7.5A CL. 0.5 TYPE L40	9	metal	steel+copper
2722	VOLTMETER 0-00500V 95X95MM	6	metal	steel+copper
2723	AMMETER 0-0500A 905X905MM	6	electronics	electronics
2724	KWH METER 380/220V CURRENT TRANSF. 400/5	9	electronics	electronics
2725	KWH METER 415/240V CURRENT TRANSFORM 250	1	metal	steel+copper
2726	IND.KW METER 440V 300/5A 0-150KW TYPE KP	2	metal	steel+copper
2727	KWH METER (ELECTRONIC) 440V 150/5A TYPE	1	metal	steel
2728	IND. KW METER 440V 150/5A 0-60KW TYPE KP	1	electronics	electronics
2729	GAS DETECTOR MEASUREMENT 6DP2000	2	metal	steel
2730	CAPACITER 189-227MF 280VAC DIA.530 X H10	2	electronics	electronics
2731	EMERGENCY LIGHT MODULE 240VAC 20,36W CHA	2	electronics	electronics
2732	MOTOR 380V 0.33A 120W 2800RPM TYPE WK034	11	lamp	Glass
2733	OIL SEAL 084X110X11.7MM	1	metal	steel+copper
2734	CAPACITOR 50MF 250VAC DIA.45XH135MM TYPE	2	RUBBER	RUBBER
2735	RESISTOR 10 KOHM 0.25W FILM	15	electronics	electronics
2736	CAPACITOR 1MF 50V DIA.5XH11MM ELECTROLIT	2	electronics	BOX5
2737	CAPACITOR 10MF 50V DIA.5XH11MM ELECTROLI	2	electronics	BOX5
2738	TRANSISTOR TYPE C237B 3PIN PH9N	2	electronics	BOX5
2739	CAPACITOR 1.5MF 35V DIA.3XH6MM CERAMIC	3	electronics	BOX5
2740	REFLECTOR FOR HPS LIGHT FIXTURE 400W TYP	1	electronics	BOX5
2741	ACTUATOR 240V 50HZ 0.5A 70W	9	metal	steel
2742	RESISTOR 39K 30MM (WIREWOUND)	9	metal	steel
2743	RESISTOR 300 OHM L=180MM RWH120G (WIREWO	20	electronics	electronics
2744	RESISTOR 40 OHM(4)+CAPACITOR 28NF(2), 23	2	electronics	electronics
2745	HALOGEN SPOTLIGHT BULB 15V 150W	2	electronics	electronics
2746	FLUORESCENT LIGHT FIXTURE 3X40W 220V TUB	6	lamp	Glass
2747	DIODE 70M 10 (METAL STUD)	3	metal	steel
2748	RESISTOR 2500 OHM 40W L=100M (WIREWOUND)	2	electronics	electronics
2749	RESISTOR 2K OHM 120W L=180W (WIREWOUND)	2	electronics	electronics
2750	RESISTOR 1K OHM 80W L=125MM (WIREWOUND)	2	electronics	electronics
2751	RESISTOR 3K OHM 10W L=50MM (WIREWOUND)	2	electronics	electronics
2752	RESISTOR 1K OHM 40W L=100MM (WIREWOUND)	2	electronics	electronics
2753	RESISTOR 300 OHM 300W L=270 (WIREWOUND)	2	electronics	electronics
		1	electronics	electronics

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2754	RESISTOR 5K OHM 40W L=100MM (WIREWOUND)	2	electronics	electronics
2755	CAPACITOR 2700MF 300V 250W DIA.90XH145MM	1	electronics	electronics
2756	DIODES GROUP(4)FOR VOLTAGE DROP QC231H1-	1	electronics	electronics
2757	DIODE TYPE 10M40 WITH HEAT SINK (S11)	2	electronics	electronics
2758	THYRISTOR TYPE 59RC40 WITH HEAT SINK (TH	2	electronics	electronics
2759	REGULATOR CARD TYPE PR-587,PO-587-2 (CTP	1	electronics	electronics
2760	CAPACITOR 2200 MF 50V DIA.22XH41MM ELECT	5	electronics	BOX5
2761	TUNGSTEN LAMP 60W 24V SCREW E27	150	lamp	Glass
2762	COMPRESSOR 220V 1/4 HP R12	2	metal	steel+copper
2763	COMPRESSOR 240V 1/6 HP R12	1	metal	steel+copper
2764	PLASTIC BOX 87X87MM (RED)	17	plastic	plastic
2765	TANK FOR BREAKER POLES OIL FILLING 6.6KV	2	plastic	plastic
2766	CIRCUIT BREAKER 6.6KV POLES OIL DRAIN (G	1	plastic	plastic
2767	HYDROMETER BATTERY TESTER	1	plastic	plastic
2768	TIME RELAY 240VAC T=3MIN , 380V-6A TYPE	1	electronics	electronics
2769	OVERLOAD 500V 0.9-1.3A TYPE T16DM	1	electronics	plastic
2770	AUXILIARY CONTACTOR COIL 220VAC 16A 3KW	1	electronics	plastic
2771	CONTACTOR COIL 220VAC ITH=28A 5.5KW TYPE	1	metal	steel+copper
2772	SELECTOR SW (AUTO-MAN) 415V 4A TYPE TO-1	2	electronics	electronics
2773	KEY FOR PANELS (GENERAL) NO.200	179	metal	steel
2774	TUNGSTEN LAMP 40W 230V bulb SCREW E14	150	lamp	Glass
2775	CHEMICAL FEEDERS P/P 110VAC PRES. 75PSI	1	electronics	electronics
2776	CONDUIT ADAPTOR 3/4" PLASTIC	3	plastic	plastic
2777	FLUORESCENT LIGHT FIXTURE 2X40W 240V 120	1	metal	steel
2778	FLUORESCENT LIGHT FIXTURE 2X58W 240V L15	24	metal	steel
2779	DIFFUSER FOR HPS LIGHTING FIXTURE 500W D	16	metal	steel
2780	FLUORESCENT LIGHT FIXTURE 4X40W 240V 50H	5	metal	steel
2781	FLUORESCENT LIGHT FIXTURE 2X40W 240V EXP	22	metal	steel
2782	RESISTOR CAPACITOR 22OHM 1.0MF RC CIRUIT	2	electronics	electronics
2783	RESISTOR 4.7K OHM 25X7MM CERAMIC	25	electronics	electronics
2784	LIMIT SWITCH 380V 15A NO,NC TYPE BZ-2RWB	3	electronics	electronics
2785	CURRENT POTENTIOMETER 500 OHM 0-750A 71X	1	electronics	electronics
2786	SHUNT AMMETER 800A 60MV 152X100MM	1	electronics	electronics
2787	DC CURRENT CONTROLLER 220VAC 0-56.25MV G	1	electronics	electronics
2788	OVER CURRENT RELAY TYPE USW1-R/G10-AI SO	1	electronics	plastic
2789	CAPACITOR 6MF 450V DIA.40XH62MM	1	electronics	electronics
2790	VOLTAGE SUPPRESSORS S.490	1	electronics	electronics
2791	RESISTOR 5000 OHM NO. 93J5K0	1	electronics	electronics
2792	RESISTOR CARD L89XW50MM FOR MOTOR TYPE K	1	electronics	BOX10
2793	DIGITAL MODULE 85501	1	electronics	electronics
2794	POWER SUPPLY MODULE 80101	3	electronics	electronics
2795	SPRING BRUSH GUARD L58MM FOR HOLDR L20XW	3	electronics	electronics
2796	BRUSH HOLDER-DUAL L20XW16XH33.6MM	4	metal	steel
2797	CARBON BRUSH W16XH20XL35MM TYPE TDB02-61	4	metal	copper
2798	SPRING BRUSH GUARD L51MM FOR HOLDR L16XW	4	CARBON	CARBON
2799	BRUSH HOLDER DUAL L16XW12.5XH34MM	4	metal	steel
2800	CARBON BRUSH DUAL W12.5XH35 XL16MM TYPE	2	metal	copper
2801	SPOT LIGHTING CEILING 240V TYPE SL10905	2	CARBON	CARBON
2802	V-BELT C-122 ID.3075XW16XH8.5MM	1	lamp	Glass
2803	V-BELT B-90 ID.2260XW16.5XH11MM	18	RUBBER	RUBBER
2804	COGGED BELT 6501-ESC (087K) ID.1730XW13X	18	RUBBER	RUBBER
2805	V-BELT A-63 ID.1575XW12.5XH9MM	7	RUBBER	RUBBER
2806	V-BELT B-78 ID.1950XW16.5XH11MM	11	RUBBER	RUBBER
2807	V-BELT 5V-400 ID.3495XW15.5XH15MM	9	RUBBER	RUBBER
		44	RUBBER	RUBBER

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2808	V-BELT A-65 ID.1630XW12.5XH9MM	2	RUBBER	RUBBER
2809	BEARING SHAFT UCP306	2	metal	stanless steel
2810	V-BELT B-112 ID.2820XW16.5XH11.5MM	9	RUBBER	RUBBER
2811	V-BELT A-68LI ID.1715XW13XH9MM	2	RUBBER	RUBBER
2812	COGGED BELT AX-49(13X1250LI) ID.1250XW12	2	RUBBER	RUBBER
2813	GASKET SOLENIOD VALVE	5	paper	paper
2814	BEARING SHAFT TYPE P-1619	22	metal	stanless steel
2815	COGGED BELT 6489EXL(AVX13X1475LA) ID.143	9	RUBBER	RUBBER
2816	COGGED BELT BX79 ID.2025XW16XH12MM	2	RUBBER	RUBBER
2817	BEARING SHAFT TYPE P-106	4	metal	stanless steel
2818	COGGED BELT BX62 ID.1595XW16.5XH12MM	4	RUBBER	RUBBER
2819	RELIEF V/V L 55 X DIA. 32.8MM	6	metal	steel
2820	CURVE PLATE L36X11.5MM	12	metal	steel
2821	PLATE VALVE O.R 120-85X15MM.	12	metal	steel
2822	O-RING I.D 0087 X THK. 1MM FOR SUCTION V	12	RUBBER	RUBBER
2823	VALVE FOR OIL DRAIN 3/8" TYPE A13503	2	metal	steel
2824	OIL STRAINER-PLASTIC DIA 38X210MM	7	metal	steel
2825	SPECIAL PLATE FOR COMP. L320XW115XTHK.15	10	metal	steel
2826	HEX. BOLT 7/16"X034MM C.S	90	metal	steel
2827	INSULATOR 23X23X25 PLASTIC	24	plastic	plastic
2828	DIODE 2.5A 1KV	1	electronics	BOX3
2829	AUX. RELAY 24V TYPE WP-400 30PIN (DC NEU	1	electronics	plastic
2830	DIFFUSER FOR HPS LIGHTING FIXTURE DIA.36	1	metal	steel
2831	FLUORESCENT LIGHT FIXTURE 4X30W 240V 50H	4	metal	steel
2832	WILDING POWDER SIZE 150 TYPE P-10	90	powder	powder
2833	LOUVER FOR FLUOR. LIGHTING FIXTURE 4X40W	3	metal	steel
2834	FLUORESCENT LIGHT FIXTURE 4X40W 240V L12	4	metal	steel
2835	FLUORESCENT LIGHT FIXTURE 2X40W 240V L13	1	metal	steel
2836	ELECTROLYTE LEVEL & BATT.TEMP.DETECT REL	1	electronics	electronics
2837	AUX.THRUST PADS 40/1368 DIA. 100X48MM	20	metal	stanless steel
2838	RADIAL PADS 40/1367 DIA. 65X20MM	10	metal	stanless steel
2839	AUX.THRUST PADS 40/1367 DIA 50X30.5MM	24	metal	stanless steel
2840	RESISTOR BOX FOR DC OIL PUMP MOTOR 0.5 O	1	electronics	electronics
2841	COVER FOR HPS LIGHT FIXTURES DIA 300X150	2	metal	steel
2842	LOCATION BOX 4WAY 3" FOR LIGHT FIXT HPS	2	metal	steel
2843	LOCATION BOX 4WAY 4" FOR LIGHT FIXT H.P.	1	metal	steel
2844	RESISTOR 5.6 OHM 25W 15X63MM WIRE WOUND	6	electronics	BOX3
2845	RESISTOR 10 KOHM W24 DIA. 7XLS2 WIRE WOU	9	electronics	electronics
2846	RESISTOR 36K OHM 0.25W	40	electronics	electronics
2847	RESISTOR 22 OHM RW20/76 (WIRE WOUND)	3	electronics	electronics
2848	RESISTOR 150 KOHM 0.5W CARBON FILM	8	electronics	electronics
2849	RESISTOR 470 OHM 0.25W CARBON FILM	20	electronics	electronics
2850	RESISTOR 390 OHM 0.25W CARBON FILM	20	electronics	electronics
2851	CAPACITOR 2.2MF 400VAC DIA.34XH52MM	3	electronics	electronics
2852	BASIC LOAD V4 (CAPACITOR 3MF AND RESISTO	1	electronics	electronics
2853	O-RING I.D 0214XTHK.5.6MM	1	RUBBER	RUBBER
2854	HYDRAULIC SCRAPER (RUBBER) D=140MM	1	RUBBER	RUBBER
2855	PISTON GASBKET FOR WORK SHOP DIA 180X20M	1	metal	copper
2856	DOUBLE CONTACTOR W-INTERLOCK COIL 240VAC	2	electronics	plastic
2857	VICTAULIC MECH. PIPE JOINT 73MM GH65 CLA	2	metal	steel
2858	CARBON BRUSH 12.4X6X25MM	4	CARBON	CARBON
2859	VICTAULIC MECH. PIPE JOINT 54MM G2-50 CL	6	metal	steel
2860	FAN PRESSURE SWITCH 125-250V 10A MOD.R72	6	electronics	electronics
2861	UNLOADER ASSMB. L=103MM	1	metal	steel

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2862	CHECK VALVE D= 172.5X160MM	4	metal	steel
2863	O-RING I.D 0015.5XTHK.1.7MM FOR OIL FILT	4	RUBBER	RUBBER
2864	GASKET 160X280MM.	5	paper	paper
2865	PISTON KIT L=84.5MM	10	metal	aluminum
2866	GASKET TERMINAL PLT 100X290MM.	7	hard paper	paper
2867	COMPRESSION SPRING WIRE DIA.12.5XO.D82XL	4	metal	steel
2868	GASKET COVER OIL PUMP	12	hard paper	paper
2869	STRAINER SUCTION GAS D=65MM L=70MM	8	plastic	plastic
2870	BEARING MOTOR END D=54 L=50MM	4	metal	stanless steel
2871	BEARING THRUST D-OUT 100MM. IN 80MM.	4	metal	stanless steel
2872	CAPACITOR 4MF 440VAC DIA.52X31X73MM	4	electronics	electronics
2873	CAPACITOR 10MF 440 VAC 70X45X90MM	4	electronics	electronics
2874	CAPACITOR 12.5MF 370VAC 52X31X80MM	1	electronics	electronics
2875	STEEL FISH TAPE زمبرك تدكيك الاسلاك	1	metal	steel
2876	(SET OF) LIGHT DIMMER 250V 4A TYPE TL6	1	electronics	electronics
2877	MOTOR 220V 2.1A 0.35KW FOR PUMP TYPE M71	1	metal	steel+copper
2878	COMP.CTRL.MOTR.3PH COIL 240V 6.5A O.L2.5	4	electronics	plastic
2879	LOCK BEARING TYPE RCB-162117 DIA 33.5X26	4	metal	stanless steel
2880	DIGITAL STROBOSSCOP (MEASURING ROT SPEED	1	electronics	electronics
2881	PVC PIPE CONNECTOR FITTING COUPLER SIZE	92	plastic	plastic
2882	PVC CLAMP WITH BASE FOR PIPE SIZE 20MM	73	plastic	plastic
2883	MICRO SWITCH (COM./2 OPEN) TYPE V L28XW1	19	electronics	electronics
2884	AUX. RELAY 240VAC TYPE RY4SUL 14PIN	1	electronics	plastic
2885	OIL TYPE ALIOIL TROPIC FOR ALIMAK GEAR B	17	oil	oil
2886	SET OF GEAR 5 PIECES	1	metal	steel
2887	CONTROLLER FOR DROP TEST (4P-DOWN)	2	electronics	plastic
2888	SENSOR 10-36VDC 250MA TYPE IB5072 IP-302	2	electronics	electronics
2889	BRAKE PAD FOR ELEVATOR MOTOR 50X11.5MM	20	CARBON	CARBON
2890	OVER VOLTAGE PROTECTION (VAVISTOR) S7120	2	electronics	electronics
2891	PRESSURE SWITCH DIFF. 2-12KGCM2 MAIN 0-3	3	electronics	electronics
2892	AUDIBLE SIGNALS 12-32VDC MOD. MTL-S	10	electronics	electronics
2893	V-BELT SPZ-612 ID.585XW9XH8MM	5	RUBBER	RUBBER
2894	V-BELT SPZ-560 ID.490XW9XH9MM	3	RUBBER	RUBBER
2895	CYLINDRICAL BOTTLE 115X110MM	2	metal	steel
2896	CAPACITOR 4.5MF 250VAC DIA.30XH65MM TYPE	3	electronics	electronics
2897	CAPACITOR 0.22MF 1000V DIA.14XH30MM (AXI	39	electronics	electronics
2898	CAPACITOR 40MF 280VAC DIA.44XH98MM FOR B	1	electronics	electronics
2899	CHARGER 230VAC/9VDC 300MA 9.2VA FOR DT D	20	electronics	electronics
2900	CLAMP VOLTMETER 600V TYPE 300K	1	electronics	electronics
2901	SWIVEL FOR WIRE ROBE MAX (1)TON SS-101	1	metal	steel
2902	RECORDER 230V 6 CHANEL (RTD T/C) 137X137	1	electronics	electronics
2903	FUSE HOLDER 750V 50A L105XW21XH31 SJ14(F	10	CERAMIC	CERAMIC
2904	LOCK BEARING I.D25XO.D32XL29.7 LOCK NSK-	1	metal	stanless steel
2905	TIMING BELT 630H100 ID.1590XW25.5XH4MM	3	RUBBER	RUBBER
2906	COGGED BELT 6202MC ID.510XW10.5XH8MM	3	RUBBER	RUBBER
2907	COGGED BELT 6236-ESC (9.5X1400LA) ID.136	2	RUBBER	RUBBER
2908	FLAT SPRING FOR GENERATOR CARBON BRUSH	50	metal	steel
2909	RUBBER SPLICING ELECTRICAL TAPE FOR CABL	200	RUBBER	RUBBER
2910	COVER FOR DOUBLE FLUOR. LIGHT FIXT. L128	2	metal	steel
2911	COVER FOR GLOBE LIGHTING CELING FIXTURE	4	metal	steel
2912	PVC-TUBE LYE AND ACID RESIS I.D28XTHK.5M	160	plastic	plastic
2913	COVER FOR LAMP EMERGENCY CHIMNY DIA.300	1	plastic	plastic
2914	INDIC. LAMP HOLDER 2W 240/18V E12 30MM W	3	plastic	plastic
2915	AUX. RELAY 240VAC TYPE MK3P 11PIN	3	electronics	plastic

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2916	CARBON BRUSHES L31XW10XH45MM FOR DC MOTO	4	CARBON	CARBON
2917	CARBON BRUSHES FOR FLAME SCANNER L20XW8X	48	CARBON	CARBON
2918	CARBON BRUSHES L24.8XW12.4XH35.4(GEN.ROT	15	CARBON	CARBON
2919	SOCKET FOR FLUORESCENT LAMP SINGLE-PORCE	61	plastic	plastic
2920	CAPACITOR 4MF 250AC DIA.30XH64MM	40	electronics	electronics
2921	CARBON BRUSH L22XW12XH38MM	26	CARBON	CARBON
2922	CURRENT TRANSFORMER 400/5 15VA CL.1M5 L7	2	metal	steel+copper
2923	CAPACITOR 60MF 450VAC DIA.50XH118MM	5	electronics	electronics
2924	CAPACITOR 80MF 300VAC DIA.37XH97MM	3	electronics	electronics
2925	RESISTOR 4.7 KOHM DIA.7X52MM	3	electronics	electronics
2926	RESISTOR 1.8 KOHM DIA.7X52MM WIRE GLASS	5	electronics	electronics
2927	RESISTOR 2.2 KOHM DIA.7X52MM WIRE GLASS	3	electronics	electronics
2928	CAPACITOR 20MF 400VAC DIA.40XH68MM	4	electronics	electronics
2929	CAPACITOR 0.47MF 440VAC/660VDC DIA.21XH3	8	electronics	electronics
2930	CAPACITOR 2MF 440VAC/600VDC DIA.40XH50MM	6	electronics	electronics
2931	CAPACITOR 4MF 440VAC/600VDC DIA.50XH50MM	12	electronics	electronics
2932	CAPACITOR 0.1MF 440VAC/600DC L32XW12XTHK	50	electronics	electronics
2933	RESISTOR 470 OHM W22 DIA.7X21MM GLASS WI	5	electronics	electronics
2934	RESISTOR 0.85 OHM 32A TYPE WE320 ELEMENT	2	electronics	electronics
2935	AIR FLOW SENSOR MERCURY METER	2	electronics	electronics
2936	RESISTOR 270 OHM W24 15W DIA.7XL52MM GLA	4	electronics	electronics
2937	RESISTOR 47 OHM DIA.32XL205MM RW30/203 W	3	electronics	electronics
2938	RESISTOR 33 OHM W21 DIA.5XL12MM GLASS WI	1	electronics	electronics
2939	RESISTOR 100 KOHM DIA.7XL21MM CERAMIC	21	electronics	electronics
2940	RESISTOR 8KOHM W24 DIA.7X52MM GLASS WIRE	14	electronics	electronics
2941	VARIABLE RESISTOR 0.26 OHM 16A DIA.31XL1	1	electronics	electronics
2942	RESISTOR 1 KOHM DIA.8XL23MM WIRE GLASS T	3	electronics	electronics
2943	CAPACITOR 1500MF 350VDC DIA.63XH104MM EL	59	electronics	electronics
2944	CAPACITOR 0.5MF 250VAC 47 OHM 7W DIA.30X	14	electronics	electronics
2945	RESISTOR 150 OHM W24 DIA. 7.7X52MM GLASS	5	electronics	electronics
2946	CAPACITOR 0.22MF 660VAC/1000VDC DIA.30X5	3	electronics	electronics
2947	RESISTOR 82 KOHM W24 DIA.7XL52MM WIRE GL	10	electronics	electronics
2948	RESISTOR 330 KOHM 1W FILM TYPE	20	electronics	electronics
2949	RESISTOR 2.7 KOHM W23 DIA.7X37MM WIRE GL	12	electronics	electronics
2950	RESISTOR 150 OHM 7.5W DIA.7X21MM FILM TY	20	electronics	electronics
2951	RESISTOR 33 KOHM W23 DIA.7X37MM WIRE GLA	24	electronics	electronics
2952	FUSE CERAMIC 4A 500V DIA.XL49MM TYPE D C	48	CERAMIC	CERAMIC
2953	RESISTOR 4.7 KOHM W23 DIA.7XL37MM WIRE G	4	electronics	electronics
2954	RESISTOR 1.5 MOHM 0.25W R11.43 FILM TYPE	20	electronics	electronics
2955	RESISTOR 320 KOHM 1W R17.5 FILM TYPE	20	electronics	electronics
2956	RESISTOR 10 KOHM 0.25W R1.43 FILM TYPE	40	electronics	electronics
2957	RESISTOR 4.7 KOHM 0.25W R11.43 FILM TYPE	40	electronics	electronics
2958	RESISTOR 18 KOHM W24 DIA.7XL52MM WIRE GL	7	electronics	electronics
2959	CAPACITOR 8MF 630VDC DIA.34XH72MM (STUD)	2	electronics	electronics
2960	ELECTROLYTIC CAPACTOR 2200MF 450V DIA 77	54	electronics	electronics
2961	CAPACITOR 0.1MF 400V DIA. 15XL31MM (AX1A	18	electronics	electronics
2962	RESISTOR 100 OHM W24 DIA.7XL52MM WIRE GL	3	electronics	electronics
2963	RESISTOR 330OHM DIA.7X37MM WIRE GLASS TY	3	electronics	electronics
2964	RESISTOR 11.9 OHM 7A TYPE WE320 ELEMENT	2	electronics	electronics
2965	CAPACITOR 10MF T2 DIA.6XL12MM AXIAL ALUM	20	electronics	electronics
2966	RESISTOR 470 OHM 0.25W R11.43 DIA.8XL18M	20	electronics	electronics
2967	RESISTOR 2.7KOHM 7.5W R2 FILM TYPE	10	electronics	electronics
2968	RESISTOR 220 OHM DIA.7XL37MM WIRE GLASS	3	electronics	electronics
2969	RESISTOR 15KOHM 0.25W FILM TYPE	20	electronics	electronics

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2970	RESISTOR 18KOHM 0.25W R11.43 FILM TYPE	20	electronics	electronics
2971	RESISTOR 390 OHM 5W R25 FILM TYPE	10	electronics	electronics
2972	RESISTOR 1.5 OHM 0.25W FILM TYPE	20	electronics	electronics
2973	CAPACITOR 1MF 63V DIA.7.4X21MM AXIAL TAN	4	electronics	electronics
2974	CAPACITOR 2.2 MF 63V DIA.9.5XL23MM TYPE	4	electronics	electronics
2975	CAPACITOR 12MF 430VAC DIA.40XH81MM (STUD	3	electronics	electronics
2976	CAPACITOR 16MF 630VDC-250VAC DIA.40X82MM	2	electronics	electronics
2977	RESISTOR 3.9 OHM W21 DIA.5X12MM WIRE GLA	9	electronics	electronics
2978	OIL SEAL 325 3/1068 (V.RING 220VL) FOR C	2	RUBBER	RUBBER
2979	EPOXY GLASS STRES L1000XW28XTHK.1.3MM	117	plastic	plastic
2980	EPOXY GLASS STERS L1000XW28XTHK0.63MM	144	plastic	plastic
2981	EPOXY GLASS STRES L1000XW28XTHK.0.5MM	181	plastic	plastic
2982	EPOXY GLASS STRES L1000XW28XTHK0.22MM	70	plastic	plastic
2983	CONTACTOR COIL 240VAC ITH 17A 7.5KW SRC3	1	electronics	plastic
2984	CONTACTOR. COIL 240VAC ITH 60A 18.5KW TY	1	electronics	plastic
2985	STUD BOLT 12X051 BRASS WITH NUTS	7	metal	brass
2986	CREPE PAPER INSULATED CABLE WIDTH 25MM	3	PAPER	paper
2987	PAPER BOARD STRIPS L600XW50XTHK.5MM	2	PAPER	paper
2988	PAPER BOARD STRIPS L600XW50XTHK.10MM	8	PAPER	paper
2989	NEUTRAL BUSHING 45/1000 L=670MM	2	CERAMIC	CERAMIC
2990	INPUT ALARM CARD NO. 250081 EME	1	electronics	electronics
2991	POWER SUPPLY MODULE 24 VDC 10A EME	1	electronics	electronics
2992	E.LEAKAGE RELAY 110-380V I RANGE=1.2-5.5	5	electronics	electronics
2993	KEY FOR HEAT TRACING S/S DOOR DRAWER NO.	76	metal	steel
2994	KEY FOR HEAT TRACING DOOR DRAWER NO. TA6	208	metal	steel
2995	KEY FOR MCC 12C26 DOOR DRAWER NO. CK06	58	metal	steel
2996	KEY FOR MCC 12C16 DOOR DRAWERS NO. CK05	58	metal	steel
2997	KEY FOR MCC 2C3 DOOR DRAWERS NO. CK03	106	metal	steel
2998	KEY FOR MC-2C3 DOOR DRAWER NO. CK02	108	metal	steel
2999	KEY FOR MCC-IC3 DOOR DRAWING NO. CK01	140	metal	steel
3000	SPECIAL GLASS-RESIN-SPRIG SHEET L98.5XW2	379	plastic	plastic
3001	WEDGES L189XW33XTHK.8MM	350	plastic	plastic
3002	WEDGES L125.8XW33XTHK.8MM	172	plastic	plastic
3003	WEDGES L121.6XW33XTHK.8MM	136	plastic	plastic
3004	WEDGES L136.6XW33XTHK.8MM	90	plastic	plastic
3005	WEDGES L156.4XW33XTHK.8MM	76	plastic	plastic
3006	WEDGES L126.3XW33XTHK.8MM	66	plastic	plastic
3007	WEDGES L163.3XW33WTHK.8MM	84	plastic	plastic
3008	WEDGES L177.7XW33WTHK.8MM	85	plastic	plastic
3009	WEDGES L156.3XW33XTHK.8MM	67	plastic	plastic
3010	RELAY SOCKET FOR K1-K4 12PIN TYPE M1-400	1	electronics	electronics
3011	CAPACITOR 47MF 100V DIA.10XL20MM AXIAL E	5	electronics	electronics
3012	CAPACITOR 100MF 25V DIA.8XL16MM AXIAL EL	2	electronics	electronics
3013	RESISTOR 0.2 OHM THK.4XW20MM FLAT FOR T1	2	electronics	electronics
3014	DIODES BY127MGP/8615GI	10	electronics	electronics
3015	THYRISTOR T9G0121203HJ58 T1 T2 DIA66XTHK	2	electronics	electronics
3016	CURRENT TRANSF. 300/1A 30VA CLA-5P15 TYP	1	metal	steel+copper
3017	VOLTAGE TRANSF. 6.6/0.11KV 50VA CLA-0.5	1	metal	steel+copper
3018	INPUT/OUTPUT CARDS 8I/0-90A	1	electronics	electronics
3019	CENTRAL PROCESSOR CARD PT.NO CPU90A/AL9	1	electronics	electronics
3020	PROXIMITY SWITCH 110/240VAC DIA.12XL71MM	1	electronics	electronics
3021	COMPRESSION SPRING WIRE DIA.2.2X0.D8.9XL	1	metal	steel
3022	DISK BRAKE FRICTION BCP 732/13 ID45XOD11	1	metal	steel
3023	LIMIT SWITCH 380V 10A NO/NC TYPE ZCK-J1H	2	electronics	electronics

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3024	BRUSH GEAR HOLDER BRUSH 25X12.5X32MM COP			
3025	COMPRESSION SPRING WIRE DIA.1.3XO.D6.8XL	1	metal	steel+copper
3026	ALARM AND TRIP DEVICE 110VAC INPUT 4-20M	2	metal	steel
3027	POWER SUPPLY 110V 1A TYPE U251	1	electronics	electronics
3028	TIMER 240VAC R1=1SE-4MIN R2=0-10 IMPULES	1	electronics	electronics
3029	CONTACTOR COIL 240VAC ITH 40A 11KW TYPE	2	electronics	electronics
3030	CONTACTOR COIL 240VAC ITH 80A 25KW TYPE	2	electronics	plastic
3031	TIMER 240VAC 0-180SEC 2VA 11PIN	1	electronics	plastic
3032	TIMER 240VAC T1 T2 =0-10(U,R 330S-24HR)	1	electronics	electronics
3033	DISPLAY PCS CONTROL CARD NO. 10654B	1	electronics	electronics
3034	POWER SUPPLY 105-250AC/24VDC TYPE PSU-90	1	electronics	electronics
3035	CARD POWER RELAY TYPE SPR-90/PCB2705B	1	electronics	electronics
3036	DIODE R7001644VA W/CABLE DIA.19XL26MM ST	1	electronics	electronics
3037	FUSE CERAMIC 40A 1000VDC 1500VAC 20X127M	4	electronics	electronics
3038	STEEL RESISTANCE ELEMENT 3.1 OHM L=215XW	12	CERAMIC	CERAMIC
3039	RESISTOR 2.7 OHM DIA.21XL165MM WIRE WOUN	12	electronics	electronics
3040	RESISTOR 510 OHM 100W DIA. 21XL165MM WIR	2	electronics	electronics
3041	EXTENSION SPRING WIRE DIA.4XO.D23.8XL105	6	electronics	electronics
3042	MOVING ARCING CONTACT 1 FINGER NOVOMAX G	1	metal	steel
3043	FIXED ARCING CONTACT W.80XTHK.6MM NOVOMA	16	metal	copper
3044	NIGATIVE SEQUANCE RELAY UH=20-30V TYPE I	3	metal	copper
3045	OVERFLUX RELAY 2-400V 10-100 HZ TYPE UFX	1	electronics	electronics
3046	HIGH SPEED CONTA. 250VDC TYPE FAX (BBC)	1	electronics	electronics
3047	AUX. CHANGE OVER RELAY 250VDC TYPE PSU14	9	electronics	electronics
3048	HIGH SPEED CONTA. 250VDC TYPE FAX (BBC)	2	electronics	electronics
3049	TRANSFORMER WU23ZG 1.1/4KV 80VA 1200/120	2	electronics	electronics
3050	NIGATIVE SEQUANCE RELAY UH=20-30V TYPE I	3	metal	steel+copper
3051	FREQUENCY RELAY HEG21623A0011	1	electronics	electronics
3052	INTEGRATOR FOR LOSS OF FIELD TYE SGX115	1	electronics	electronics
3053	LOSS OF FIELD(MIN.REACTANCE)TYPE ZPX103(	1	electronics	electronics
3054	STABILIZER TYPE RUT414A (GEN.PRO.)G3A,B	1	electronics	electronics
3055	FILTER "HESG 216125	1	electronics	electronics
3056	CONTACT BLOCK WITH HOLDER 220V 6A NO/NC	1	plastic	plastic
3057	CONTACTOR COIL 240VAC ITH 16A TYPE 3TH82	2	electronics	plastic
3058	TRANSDUCER P.F 0-0.5-1-0.5-0 110/1A 1MA	2	electronics	plastic
3059	ANODE LEAD/SILVER DIA. 32XL1410MM W/CABL	1	electronics	electronics
3060	MOTORIZED POTENTIOMETER (MAN) SM/PM MOTO	5	metal	lead
3061	MOTORIZED POTENTIOMETER(AUTO)SM/PU MOTOR	2	electronics	electronics
3062	POWER FACTOR REG. SM/PQ MOTOR 220V 2RPM	1	electronics	electronics
3063	CARD TYPE CAG	1	electronics	electronics
3064	CURRENT VOLTAGE CONVERTER CARD TYPE CTC-	1	electronics	electronics
3065	POWER FACTOR FOLLOW UP CARD TYPE AFP (RG	1	electronics	electronics
3066	OVER EXC. LIMITER CARD TYPE CLT (RG. EXC	1	electronics	electronics
3067	AUTO. VOLTAGE AMPLIFIRE CARD TYPE CRU(RG	1	electronics	electronics
3068	REACTIVE POWER LIMITER CARD TYPE LIQ (RG	1	electronics	electronics
3069	POWER MEASURE CARD TYPE MPQ (RG. EXC.)	1	electronics	electronics
3070	THYRISTOR FIRING CARD TYPE CAL (R.G EXC	1	electronics	electronics
3071	CURRENT LOOP AMPLIFIER CARD TYPE CXI (RG	1	electronics	electronics
3072	COIL FOR CONTACTOR 240VAC FOR CONTACTOR	1	electronics	electronics
3073	COIL FOR CONTACTOR SR.K8 240VAC WITH BAS	1	electronics	plastic
3074	MAIN AND AUX.CONTACT SMSO MS-K65+SMSO M-	2	electronics	plastic
3075	COIL FOR CONTACTOR 240VAC 223 OHM 50X32X	2	electronics	plastic
3076	UNDER VOLTAGE RELAY 100V TYPE USX116 (GE	2	electronics	plastic
3077	OVER VOLTAGE RELAY 100 TYPE USX115 (GEN.	1	electronics	electronics
		2	electronics	electronics

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3078	OVER CURRENT/UNDER VOLTAGE 100V IUX159 (1	electronics	electronics
3079	REVERSE POWER RELAY 100V TYPE PPX111 (GE	1	electronics	electronics
3080	RESTRICTED E/F TYPE UZ91 UX10V (TRANS.PR	1	electronics	electronics
3081	STATOR E/F RELAY 100V TYPE UBX117 (GEN,	1	electronics	electronics
3082	DIFFERENTIAL PRO. RELAY 20-50%G TYPE DIX	2	electronics	electronics
3083	SYNCHRONIZING SWITCHES INIT-AUTO-MAN-TES	2	electronics	electronics
3084	SILICAGEL AIR BREATHERS FOR M.T. STAGE 1	1	lamp	Glass
3085	DIODE RP8040 WITH HEAT SINK FOR BUILD-UP	1	electronics	electronics
3086	DIODE BY255 GENERIC TYPE	2	electronics	electronics
3087	RELAY SOCKET TYPE RH221 FOR RELAY RHN412	2	electronics	plastic
3088	TIME RELAY 24VAC/DC 0.15-300SEC TYPE RHT	2	electronics	plastic
3089	AUX. RELAY 24VDC TYPE RHN412B	4	electronics	plastic
3090	RESISTOR 39 OHM DIA.30X250MM(RB)BALLAST	1	electronics	electronics
3091	RESISTOR 2.7 OHM DIA. 30X250MM (RA) FOR	1	electronics	electronics
3092	THREE PHASE BRIDGE SCR CONTROL 380/250 (	1	electronics	electronics
3093	CONTACTOR COIL 250VDC 5.5KW ITH=20A TYPE	1	electronics	plastic
3094	FUSE CERAMIC 32A 660A 22X58MM CYLINDRICA	24	CERAMIC	CERAMIC
3095	CURRENT TRANSFORMER 1500/A1 40VA CL O.S	3	metal	steel+copper
3096	CAPACITOR 3MF 1000 VAC DIA. 50XH135MM	4	electronics	electronics
3097	CAPACITOR 470 MF 350VDC DIA. 51XH81MM EL	3	electronics	electronics
3098	CURRENT TRANSDUCR CV3 20-80VDC 0-60MV 0-	2	electronics	electronics
3099	LINE DRIVER CARD (L.D)	1	electronics	electronics
3100	MINIMUM EXCITATION LIMITER CARD (M.E.L)	2	electronics	electronics
3101	CURRENT REGULATOR CARD (C.C)-FOR MANJAL	1	electronics	electronics
3102	INPUT INTELLIGENCE PANEL (INREGULATION	1	electronics	electronics
3103	C.T 2500/5A 50/75VA CL 0.5 TYPE LGK	1	metal	steel+copper
3104	AUX. RELAY 250V TYPE RXMA2 64PIN	12	electronics	plastic
3105	AUX. RELAY 24VDC TYPE RXMA1 32PIN	17	electronics	plastic
3106	AUX. RELAY 250VDC TYPE RXMA1 32PIN	9	electronics	plastic
3107	TRANSF. DIFFERENTIAL RELAY 250V IN=1A RX	1	electronics	electronics
3108	ROTOR EARTH FAULT RELAY TYPE RXNB4	1	electronics	electronics
3109	OVER CURRENT PROTECTION(R.S.T) 250VDC RK	1	electronics	electronics
3110	STANDERD SET OF CONSUMABLE VERNISH GLUE	1	paint	glue
3111	N10 VICTRULIC RUBBER GASKET FOR COOLERS	1	RUBBER	RUBBER
3112	COMPLETE SET OF RUBBER GASKET FOR COOLER	1	RUBBER	RUBBER
3113	FIBERGLASS EPOXY STRIP FOR GEN(UNDER THE	2400	plastic	plastic
3114	FIBERGLASS EPOXY STRIP FOR GEN(UNDER THE	1290	plastic	plastic
3115	GLASS CORD DIA=2.6MM	200	plastic	plastic
3116	SET OF LABYRINTH STRIPS FOR EXTERNAL SEA	1	metal	stanless steel
3117	DIAPHRAMS ST.STEEL FOR COOLER 930X720MM	9	metal	stanless steel
3118	OVERLOAD 600V 120-180A TYPE TH-K220KP	1	electronics	plastic
3119	ROUND HEAD BOLT 12X70MM FOR BUS-BAR WITH	30	metal	steel
3120	RUBBER SEAL DIA. 68.5X38MM HOLE	8	RUBBER	RUBBER
3121	OVERLOAD 500VAC 50-70A TYPE 24-70	1	electronics	plastic
3122	SOCKET 250V 16A 3POLE + GROUND	2	plastic	plastic
3123	FUSE HOLDER FOR FUSE 10X38MM	2	CERAMIC	CERAMIC
3124	FLOURESCENT LAMP 230V 35W 30CM FOR L.C.P	2	lamp	Glass
3125	SIGNAL PANEL (SP)-CURRENT SIGNAL DISTRIB	1	electronics	electronics
3126	6 PULSSES TRANSFORMER PANEL WITH IND. LA	2	electronics	electronics
3127	CONTROL CIRCUIT CARD FOR CROWPAR PROTECT	2	electronics	electronics
3128	PHASES INLET PLIERS DRAWER (5 FINGERS)	5	metal	plastic+copper
3129	FIXED CONTACTS (18-CLAMPS) FOR AUXILIARY	3	metal	plastic+copper
3130	CONTACTS KIT FOR CONTACTOR TYPE CA4D1CPR	20	electronics	plastic
3131	CONTACTS KIT FOR CONTACTOR TYPE CA3D2CPR	17	electronics	plastic

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3132	CONTACT KIT FOR CONTACTOR TYPE CA2D1BCPR	196	electronics	plastic
3133	COIL 240V FOR CONTACTOR TYPE CA5DY	2	electronics	plastic
3134	COIL 240V FOR CONTACTOR TYPE CA3DY	10	electronics	plastic
3135	COIL 240V FOR CONTACTOR TYPE CA2DYB	125	electronics	plastic
3136	AUX. CONTA. BLOCKS 660V ITH=20A TYPE CBA	94	metal	plastic+copper
3137	AUX. CONTACTS 660V ITH=10A 2CONTACT TYPE	30	electronics	electronics
3138	C.T 0.6/3KV 5/1A 2VA TYPE TAQ2	9	metal	steel+copper
3139	MICRO SWITCH 250V 5A TYPE D96051 SI14	6	electronics	electronics
3140	FIBER GLASSING PIPES (BOLTS H2+EXT)DIA 2	142	plastic	plastic
3141	WASHER O.D58X1.D30MMXTHK.10MM FIBER GLAS	240	metal	steel
3142	FIBER GLASSING PIPES DIA 16XL30MM	93	plastic	plastic
3143	CROW BAR RELAY 125V TYPE R10-5B1007RUB (	4	electronics	electronics
3144	SYNCHR. TRANSF. 450/20VAC 50VA TYPE 50E5	3	metal	steel+copper
3145	LIMIT SANDWICH ASSEMBLED CARD (L.C)	3	electronics	electronics
3146	VOLTS/HERTZ TRANSDUCER CARD (V.H.T)	3	electronics	electronics
3147	FAULT DETECTOR CARD (F.D)	1	electronics	electronics
3148	PRESENCE DETECTOR CARD (P.D)	3	electronics	electronics
3149	LINE RECEIVER CARD (L.R.)	2	electronics	electronics
3150	GATE PULSE AMPLIFIER CARD (G.P.A.)	6	electronics	electronics
3151	INPUT INTERFACE CARD (I.I.)-IN THYRISTOR	3	electronics	electronics
3152	STATOR CORE BOLTS INSULATING PIPE WITH W	4	plastic	plastic
3153	CONDUIT BEAM CLAMP TYPE G19 GALVANIZED S	50	metal	steel
3154	PRESSURE SWITCH 0.30KG/CM2 250VAC/30VDC	8	electronics	electronics
3155	OUTER INSULATION TUBING FOR JOINTER KIT	3	plastic	plastic
3156	THREADED BUSHING 4" FOR CONDUIT LOCK GAL	116	plastic	plastic
3157	LINEAR SLOT DIFFUSER FOR AIR CONDITIONIN	8	metal	steel
3158	JUNCTION BOX 100X100X70 STEEL	2	metal	steel
3159	COPPER CABLE CONNECTOR P14 DIA.5.5XL11.2	100	metal	steel
3160	TEE GROVN CABLE	19	metal	steel
3161	FLEXIBLE CONDUIT CONNECTOR FOR BOX 1"	76	metal	steel
3162	SEAT 150NB RUBBER LINING	1	RUBBER	RUBBER
3163	FLEXIBLE HOSE DIM. 1/2"X27L CM.	1	metal	stanless steel
3164	WELD COUPLLET 1" OD. 34MM A105 S.W	19	metal	steel
3165	BOSS 2" X 1/2" 9000 A105 S.W	13	metal	steel
3166	SOCKOLET 1 1/2" OD:60MM A105	18	metal	steel
3167	HALF COUPLING 1" 3000 A105 S.W OD. 46MM	5	metal	steel
3168	WELD COUPLLET 3/4" OD. 28MM 3000 A105 S.W	34	metal	steel
3169	HALF COUPLING 1/2" SCH.80 A105 OD. 32MM	2	metal	steel
3170	BOSS 1" X 3/4" 3000 A105 S.W	10	metal	steel
3171	WELD COUPLLET 1" OD. 21MM 3000 A105	8	metal	steel
3172	WELD COUPLLET 1 1/2" OD. 48MM 3000 A105 S	23	metal	steel
3173	HALF COUPLING 3/8" 3000 A105 S.W OD. 34M	20	metal	steel
3174	JOINT COPPER LEVEL DIM. 1/2"X14 L.CM	23	metal	copper
3175	JOINT & COPPER TUBE	2	metal	copper
3176	UPPER WIPER	2	metal	steel
3177	COMPRESSION SPRING WIRE DIA.4.3XO.D33.3X	1	metal	steel
3178	PACKING TEFLON 25.2X44.2X10.6MM V-SHAPE	5	TEFLON	TEFLON
3179	VALVE PLUG	2	metal	steel
3180	GASKET METAL 043.4X56.4X0.9MM FOR SEAT R	1	metal	steel
3181	GASKET METAL 071.3X86X1MM FOR CAGE	1	metal	steel
3182	GASKET METAL 149X161.8X1MM	3	metal	steel
3183	CAGE GASKE	6	metal	steel
3184	UPPER WIPER	1	metal	steel
3185	PISTON RING	6	metal	steel

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3186	COMPRESSION SPRING WIRE DIA.4.3XO.D33.3X	2	metal	steel
3187	PACKING FOLLOWER	1	metal	stanless steel
3188	UPPER WIPER	2	metal	steel
3189	SEAT RING	1	metal	steel
3190	ANTI-EXTRUSION RING	6	metal	steel
3191	COMPRESSION SPRING WIRE DIA.4.33XO.D33XL	3	metal	steel
3192	PACKING TEFLON 19X35X8.8MM 6PCS	3	TEFLON	TEFLON
3193	BACK UP RING	2	TEFLON	TEFLON
3194	SEAL RING	6	metal	steel
3195	GASKET GRAPHITE 073.2X84.2X0.9MM FOR CAG	1	GRAPHITE	GRAPHITE
3196	GASKET METAL 110X128X1MM FOR BONNET	1	metal	copper
3197	SEAL RING	1	metal	steel
3198	SEAL RING	1	metal	steel
3199	LOAD RING	1	metal	steel
3200	SEAT RING - SEAL RING	1	metal	steel
3201	GASKET METAL 116.5X128X1MM FOR CAGE	1	metal	copper
3202	PACKING GRAPHITE BRAIDED 25X44.6X10MM	3	GRAPHITE	GRAPHITE
3203	GASKET METAL 052.8X63.3X0.95MM FOR SEAT	1	metal	steel
3204	GASKET METAL 080.8X91.4X0.9MM FOR CAGE	2	metal	steel
3205	S.W GASKET 66.3X77.4X3.6MM GRAPHITE FILL	6	metal	stanless steel
3206	SEAT RING	1	metal	stanless steel
3207	BOSS 3/4" 3/6000 A105N S.W	4	metal	steel
3208	PIPE FOR PRESS. MEASURE. 1/2"XL170MM WIT	3	metal	steel
3209	VALVE SEAT (THIN)	24	metal	steel
3210	VALVE SEAT (THIN)	4	metal	steel
3211	COUPLING (R.H.) O.D54 NPTF 3/8" XL70MM	1	metal	stanless steel
3212	COUPLING BLINERS (FITTING)	16	metal	copper
3213	RUBBER PAD FOR PIN PUSH COUPLING 25X37XL	20	RUBBER	RUBBER
3214	GASKET FIBER 025.4X44.5X1MM IMPELLER REA	3	GRAPHITE	GRAPHITE
3215	GASKET FIBER 025.4X38X1MM IMPELLER/FRONT	3	FIBER	FIBER
3216	IMPELLER JAM NUT-R.H. 24MM S.S	1	metal	stanless steel
3217	IMPELLER LOCK NUT-R.H. 24MM S.S	1	metal	stanless steel
3218	FLEXIBLE TUBE	1	metal	steel
3219	O-RING I.D 0025XTHK.3.6MM	7	RUBBER	RUBBER
3220	SHAFT,M8	1	metal	steel
3221	VALVE SEAT POLYURETHANE	4	RUBBER	RUBBER
3222	VALVE BALLS POLYURETHANE	4	RUBBER	RUBBER
3223	LOCK NUT C.S (SPECIAL)	2	metal	steel
3224	O-RING I.D 0034.5XTHK.3.6MM	2	RUBBER	RUBBER
3225	WIPER RING	2	RUBBER	RUBBER
3226	BACK UP RING	4	TEFLON	TEFLON
3227	PILOT VALVE DISC ASSEMBLY	1	metal	stanless steel
3228	RING SNAP	1	metal	steel
3229	RETAINER BEARING	1	metal	steel
3230	GEAR MAIN SHAFT	1	metal	steel
3231	PINION GEAR H.D	1	metal	steel
3232	EXTENSION SPRING WIRE DIA.0.66XO.D4.7XL5	1	metal	stanless steel
3233	DEAL	1	metal	steel
3234	KEY WOOD RUFF 3.3X5X12.5MM	2	metal	steel
3235	KEY DOUBLE ROUND END 3X3X19MM	1	metal	steel
3236	LOCK WASHER O.D57XL.D34MM C.S	1	metal	steel
3237	THIRD GEAR	1	metal	steel
3238	FOURTH GEAR	1	metal	steel
3239	FIRST GEAR	1	metal	steel

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3240	NEEDLE BEARING			
3241	THRUST BEARING 3047 2542	2	metal	steel
3242	NEEDLE ROLLER BEARING HK2520	1	metal	steel
3243	LOAD GEAR	2	metal	steel
3244	2ND. AND 3RD.	1	metal	steel
3245	PINION GEAR	2	metal	steel
3246	PINION GEAR BEARING	1	metal	steel
3247	THRUST BEARING 1220	1	metal	steel
3248	ROLLER BEARING	2	metal	steel
3249	2ND,3RD GEAR	4	metal	steel
3250	PINION GEAR	2	metal	steel
3251	PINION GEAR	1	metal	steel
3252	SHAFT SLEEVE SMALL	1	metal	steel
3253	SHAFT SLEEVE LARGE	1	metal	stanless steel
3254	LABYRINTH RING	1	metal	stanless steel
3255	PACKING O-RING SET FOR PUMP 75-CL-2	2	metal	stanless steel
3256	LOWER OIL SEAL PT 2085	1	RUBBER	RUBBER
3257	UPPER OIL SEAL PT 2085	3	RUBBER	RUBBER
3258	JOINT (S45C)	3	RUBBER	RUBBER
3259	HANDLE (S20C)	5	metal	steel
3260	SPRING BRUSH ROUND O.D15XL650MM END SOCK	1	metal	steel
3261	BLIND PLUG (SS41)	1	metal	steel
3262	CHISEL (SKS3)	9	metal	steel
3263	TUBE PUSH OUT TOOL (SK5)	1	metal	steel
3264	S-HANDLE (S20C)	1	metal	steel
3265	TUBE EXPANDER (CB-211)	1	metal	steel
3266	JOINT (S45C)	1	metal	steel
3267	HANDLE (S20C)	5	metal	steel
3268	SPRING BRUSH ROUND O.D15XL650MM END SOCK	1	metal	steel
3269	BLIND PLUG (SS41)	1	metal	steel
3270	CHISEL (SKS3)	4	metal	steel
3271	TUBE PUSH OUT TOOL (SK5)	1	metal	steel
3272	S-HANDLE (S20C)	1	metal	steel
3273	TUBE EXPANDER (CB-211)	1	metal	steel
3274	JOINT (S45C)	1	metal	steel
3275	HANDLE (S20C)	16	metal	steel
3276	SPRING BRUSH ROUND O.D15XL1000MM END SOC	1	metal	steel
3277	CHISEL (SKS3)	1	metal	steel
3278	TUBE PUSH OUT TOOL (SK5)	1	metal	steel
3279	S-HANDLE (S20C)	1	metal	stanless steel
3280	TUBE EXPANDER (CB-332)	1	metal	steel
3281	JOINT (S45C)	1	metal	steel
3282	SEAT RING RETAINER REMOVER TOOL FOR 470-	13	metal	steel
3283	CLAMP BAR FOR BOILER SODIUM PHOSPHATE PU	1	metal	steel
3284	LAPPING PLUG	4	metal	stanless steel
3285	LAPPING PLATE 150LB-2 1/2 INCH	1	metal	steel
3286	LAPPING PLATE 600LB-3/8 INCH-2 INCH	2	metal	steel
3287	LAPPING TOOL FOR DISC 300LB-2 1/2 IN(ORI	2	metal	steel
3288	LAPPING TOOL FOR DISC 300LB-2 1/2 IN(ORI	2	metal	steel
3289	LAPPING TOOL FOR DISC 600LB-18 INCH	2	metal	steel
3290	LAPPING TOOL FOR SEAT 600LB-1/8 INCH	2	metal	steel
3291	LAPPING TOOL FOR DISC 1500&2500LB-1/4 IN	2	metal	steel
3292	LAPPING TOOL FOR SEAT 1500&2500LB-1/4 IN	2	metal	steel
3293	LAPPING TOOL FOR DISC 600LB-1 1/2 INCH	2	metal	steel

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3294	LAPPING TOOL FOR DISC 600LB-1 INCH	2	metal	steel
3295	LAPPING TOOL FOR DISC 600LB-3/4 INCH	2	metal	steel
3296	LAPPING TOOL FOR DISC 1500LB-1 INCH	1	metal	steel
3297	LAPPING TOOL FOR DISC 1500LB-3/4 INCH	2	metal	steel
3298	LAPPING TOOL FOR DISC 600LB-1 INCH	1	metal	steel
3299	LAPPING TOOL FOR DISC 600LB-3/4 INCH	1	metal	steel
3300	LAPPING TOOL FOR DISC 600LB-1/2 INCH	2	metal	steel
3301	LAPPING TOOL FOR DISC 600LB-3/8 INCH	2	metal	steel
3302	LAPPING TOOL FOR DISC 600LB-1 INCH	1	metal	steel
3303	LAPPING TOOL FOR DISC 600LB-3/4 INCH	2	metal	steel
3304	LAPPING TOOL FOR DISC 600LB-1/2 INCH	2	metal	steel
3305	LAPPING PLATE FOR VALVE DISC 600LB-1/2-2	2	metal	steel
3306	LAPPING PLATE 300LB-4 INCH	2	metal	steel
3307	LAPPING PLATE 300LB-3 INCH	2	metal	steel
3308	LAPPING PLATE 300LB-2 1/2 INCH	2	metal	steel
3309	LAPPING PLATE 800LB-2 INCH	2	metal	steel
3310	LAPPING PLATE 800LB-1 1/2 INCH	2	metal	steel
3311	LAPPING PLATE 800LB-1 IN,1500LB-1 INCH	2	metal	steel
3312	LAPPING PLATE 800LB-3/4 IN,1500LB-1 INCH	2	metal	steel
3313	LAPPING PLATE 800LB-1/2 IN,1500LB-1 INCH	2	metal	steel
3314	LAPPING TOOL 600LB-1/2-2 INCH 1500LB-1	2	metal	steel
3315	TABLE 4500LB-1"G.V,2500LB-3"TILT CHECK V	2	metal	steel
3316	LAPPING TOOL FOR SEAT TYPE W-1,1500,2500	1	metal	steel
3317	GUIDE FOR SEAT LAPPING 2500LB-2"	2	metal	steel
3318	HANDLE FOR SEAT LAPPING 2500LB-2"	2	metal	steel
3319	LAPPING BLOCK FOR SEAT 4500LB-1"	2	metal	steel
3320	GUIDE FOR SEAT LAPPING 4500LB-1"	2	metal	steel
3321	GUIDE FOR SEAT LAPPING 2500LB-1"	2	metal	steel
3322	LAPPING BLOCK FOR SEAT 1500LB-1"	2	metal	steel
3323	GUIDE FOR SEAT LAPPING 1500LB-1"	2	metal	steel
3324	LAPPING BLOCK FOR DISC 1500,2500 &4500LB	2	metal	steel
3325	LAPPING BLOCK FOR SEAT 2500LB-4"	2	metal	steel
3326	LAPPING BLOCK FOR DISC 2500LB-3"	2	metal	steel
3327	LAPPING BLOCK FOR SEAT 300LB-3"	2	metal	steel
3328	LAPPING BLOCK FOR DISC 300LB-2 1/2"	2	metal	steel
3329	LAPPING TOOL FOR TILT CHECK VALVE	2	metal	steel
3330	LAPPING BLOCK FOR DISC 4500LB-2"	2	metal	steel
3331	LAPPING BLOCK FOR SEAT 4500LB-2"	2	metal	steel
3332	GUIDE FOR SEAT LAPPING 4500LB-2"	2	metal	steel
3333	HANDLE FOR SEAT LAPPING 4500LB-2"	2	metal	steel
3334	LAPPING BLOCK FOR DISC 4500LB-3/4" AND 1	2	metal	steel
3335	LAPPING BLOCK FOR SEAT 4500LB-3/4" AND 1	2	metal	steel
3336	GUIDE FOR SEAT LAPPING 4500LB-3/4" AND 1	2	metal	steel
3337	HANDLE FOR SEAT LAPPING 4500LB-3/4" AND	2	metal	steel
3338	HANDLE FOR SEAT LAPPING 2500LB-3"	2	metal	steel
3339	GUIDE FOR DISC LAPPING 2500LB(SPL)-2 1/2	1	metal	steel
3340	LAPPING BLOCK FOR SEAT 2500LB(SPL)-2 1/2	1	metal	steel
3341	LAPPING BLOCK FOR DISC 2500LB-2"	2	metal	steel
3342	LAPPING BLOCK FOR SEAT 2500LB-2"	2	metal	steel
3343	GUIDE FOR SEAT LAPPING 2500LB-2"	2	metal	steel
3344	HANDLE FOR SEAT LAPPING 2500LB-2"	2	metal	steel
3345	LAPPING BLOCK FOR DISC 2500LB-1 1/2"	2	metal	steel
3346	LAPPING BLOCK FOR SEAT 2500LB-1 1/2"	2	metal	steel
3347	GUIDE FOR SEAT LAPPING 2500LB-1 1/2"	2	metal	steel

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3348	HANDLE FOR SEAT LAPPING 2500LB-1 1/2"	2	metal	steel
3349	LAPPING BLOCK FOR DISC 2500LB-1"	2	metal	steel
3350	GUIDE FOR SEAT LAPPING 2500LB-1"	2	metal	steel
3351	LAPPING BLOCK FOR DISC 2500LB-1/2" AND 3	2	metal	steel
3352	LAPPING BLOCK FOR SEAT 2500LB-1/2" AND 3	2	metal	steel
3353	GUIDE FOR SEAT LAPPING 2500LB-1/2" AND 3	2	metal	steel
3354	HANDLE FOR SEAT LAPPING 2500LB-1/2" AND	2	metal	steel
3355	LAPPING BLOCK FOR DISC 1500LB-2"	2	metal	steel
3356	LAPPING BLOCK FOR SEAT 1500LB-2"	2	metal	steel
3357	GUIDE FOR SEAT LAPPING 1500LB-1"	2	metal	steel
3358	HANDLE FOR SEAT LAPPING 1500LB-1"	2	metal	steel
3359	LAPPING BLOCK FOR DISC 1500LB-1"	2	metal	steel
3360	LAPPING BLOCK FOR SEAT 1500LB-1"	2	metal	steel
3361	GUIDE FOR SEAT LAPPING 1500LB-1"	2	metal	steel
3362	HANDLE FOR SEAT LAPPING 1500LB-1"	2	metal	steel
3363	LAPPING BLOCK FOR DISC 2500(SPL)LB-2 1/2	2	metal	steel
3364	LAPPING BLOCK FOR SEAT 1500LB-3",2500LB-	2	metal	steel
3365	LAPPING BLOCK FOR SEAT 1500LB-4"	2	metal	steel
3366	LAPPING BLOCK FOR SEAT 2500LB-2 1/2"	2	metal	steel
3367	LAPPING BLOCK FOR DISC 1500LB-1 1/2"	2	metal	steel
3368	LAPPING BOX FOR SEAT 1500LB-1 1/2"	2	metal	steel
3369	LAPPING BLOCK FOR DISC 1500,2500&4500LB-	2	metal	steel
3370	LAPPING BLOCK FOR SEAT 1500,2500 &4500LB	2	metal	steel
3371	LAPPING PLATE FOR DISC	1	metal	steel
3372	LAPPING TOOL FOR DISC (FOR OUTSIDE FACE)	1	metal	steel
3373	LAPPING PLATE FOR DISC	1	metal	steel
3374	LAPPING PLATE FOR DISC	1	metal	steel
3375	LAPPING PLATE FOR VALVE SEAT	1	metal	steel
3376	LAPPING PLATE FOR DISC	1	metal	steel
3377	LAPPING TOOL FOR DISC (FOR OUTSIDE FACE)	1	metal	steel
3378	LAPPING TOOL FOR DISC (FOR OUTSIDE FACE)	1	metal	steel
3379	GEAR STEINWEG	2	metal	stanless steel
3380	GEAR STEINWEG	2	metal	steel
3381	BEARING 556 FOR ELEVATOR	1	metal	copper
3382	GASKET SOFT IRON 055X65X10MM	8	metal	steel
3383	GASKET SOFT IRON 055X65X10MM	8	metal	steel
3384	GASKET SOFT IRON 116X130X14MM	4	metal	steel
3385	GASKET SOFT IRON 037X45X8MM	8	metal	steel
3386	GASKET SOFT IRON 024X32X8MM	8	metal	steel
3387	GASKET SOFT IRON 096X110X14MM	2	metal	steel
3388	GASKET SOFT IRON 024X32X8MM	4	metal	steel
3389	GASKET SOFT IRON 024X32X8MM	7	metal	steel
3390	CASING RING	4	metal	stanless steel
3391	IMPELLER	2	metal	steel
3392	NOTCH WIRE ELEMENT 165X712XMM FOR UNLOAD	1	metal	steel
3393	COMPRESSION SPRING WIRE DIA.4XO.D44XL78.	1	metal	stanless steel
3394	GASKET RUBBER 205X217X3.0MM	16	RUBBER	RUBBER
3395	O-RING I.D 0069.5XTHK.5.6MM FOR LUB PUMP	6	RUBBER	RUBBER
3396	STAGE BUSH	2	metal	steel
3397	OIL SEAL 042X055X09MM	1	RUBBER	RUBBER
3398	OIL SEAL 055X072X09MM	3	RUBBER	RUBBER
3399	SHAFT	1	metal	stanless steel
3400	NOTCH WIRE ELEMENT ASSY 127X284XMM FOR D	1	metal	steel
3401	PACKING RUBBER 49X63.5X2.0MM FOR DEL.PUM	12	RUBBER	RUBBER

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3402	COMPRESSION SPRING WIRE DIA.3.2XO.D33.5X	1	metal	stanless steel
3403	PACKING RUBBER 146X153X3.5MM FOR DEL.PUM	24	RUBBER	RUBBER
3404	PACKING RUBBER 35X79.3X17.5MM FOR DEL.PU	6	RUBBER	RUBBER
3405	MECHANICAL SEAL COMPLETE	1	metal	stanless steel
3406	DISC AND STEM ASSEMBLY.	1	metal	steel
3407	SEAL RING.SOFT IRON FOR GLOBE V/V 2500	1	metal	steel
3408	PACKING GRAPHITE BRAIDED 38X60X11MM 9PCS	1	GRAPHITE	GRAPHITE
3409	COMPRESSOR FOR 1 1/2" VALVE	2	metal	steel
3410	PACKING GRAPHITE BRAIDED 18X36X8.9MM 5PC	40	GRAPHITE	GRAPHITE
3411	PACKING GRAPHITE BRAIDED 50X77X13.6MM 8P	4	GRAPHITE	GRAPHITE
3412	PACKING GRAPHITE BRAIDED 14.2X24.5X5.7MM	10	GRAPHITE	GRAPHITE
3413	PACKING GRAPHITE BRAIDED 18.7X28.3X5.1MM	1	GRAPHITE	GRAPHITE
3414	PACKING GRAPHITE BRAIDED 18.7X28.3X5.1MM	1	GRAPHITE	GRAPHITE
3415	SEAL RING SOFT IRON FOR FOR GATE V/V 1"	4	metal	stanless steel
3416	PACKING GRAPHITE BRAIDED 51X80X14.7MM 9P	2	GRAPHITE	GRAPHITE
3417	PACKING GRAPHITE BRAIDED 38X60X11MM 10PC	2	GRAPHITE	GRAPHITE
3418	PACKING GRAPHITE BRAIDED 36X56X10.2MM 10	4	GRAPHITE	GRAPHITE
3419	PACKING GRAPHITE BRAIDED 32X50X9MM 9PCS	2	GRAPHITE	GRAPHITE
3420	SEAL RING SOFT IRON FOR GATE V/V 2500	1	metal	stanless steel
3421	SEAL RING SOFT IRON FOR GATE V/V 2 1/2"	7	metal	stanless steel
3422	PACKING GRAPHITE BRAIDED 36X56X10.2MM 9P	1	GRAPHITE	GRAPHITE
3423	SEAL RING FOR GATE V/V 4" SOFT IRON	4	metal	stanless steel
3424	PACKING GRAPHITE BRAIDED 32X50X9MM 9PCS	2	GRAPHITE	GRAPHITE
3425	SEAL RING FOR 3" GATE V/V SOFT IRON	2	metal	steel
3426	SEAL RING SOFT IRON Q75X65X10	20	metal	steel
3427	PACKING GRAPHITE BRAIDED 17.8X30X6.6MM 1	4	GRAPHITE	GRAPHITE
3428	GASKET SOFT IRON 052X62X10MM	35	metal	steel
3429	SEAL RING SOFT IRON	2	metal	steel
3430	SEAL RING SOFT IRON	4	metal	steel
3431	SEAL RING	8	metal	steel
3432	LUBRICATOR OL2-08-25A	2	plastic	plastic
3433	AIR FILTER OD066XH150XNPTF29.5MM AF2-08-	2	plastic	plastic
3434	SADDLE SPACER FOR R.H.H.T. TUBES SA217-	63	metal	steel
3435	FLEXIBLE SADDLE FOR S.S.H.TUBES&R.H.H.T.	235	metal	steel
3436	FLEXIBLE CONNET. FOR S.H. HANGER TUBES S	6	metal	steel
3437	GASKET FIBER 034X400X1.8MM SQUARE FOR LE	6	FIBER	FIBER
3438	GASKET FIBER 034X340X1.8MM FOR LEVEL GAU	14	FIBER	FIBER
3439	CARBON RING FOR ROTOR DRIVE (THK.18.5X1	2	CARBON	CARBON
3440	KEY DOUBLE ROUND END 5X8X18MM	1	metal	stanless steel
3441	SLEEVE NUT RIGHT	1	metal	stanless steel
3442	KNOB FOR ACCESS DOOR	1	metal	steel
3443	NUT FOR ACCESS DOOR 20MM C.S	16	metal	steel
3444	RUBBER PAD INSERT RING FOR COUPLING O.D6	24	RUBBER	RUBBER
3445	JAW COUPLING O.D70XSHAFT19/14XL75MM	1	metal	steel
3446	RUBBER PAD INSERT RING FOR COUPLING O.D6	20	RUBBER	RUBBER
3447	O-RING I.D 179.39XTHK.3.53MM FKM (970-3	6	RUBBER	RUBBER
3448	O-RING I.D 177.39XTHK.3.53MM EPDM 80 (9	6	RUBBER	RUBBER
3449	O-RING I.D 0107XTHK.3.5MM (FOR MECHANICA	6	RUBBER	RUBBER
3450	O-RING I.D 0092XTHK.3.5MM (FOR MECHANICA	8	RUBBER	RUBBER
3451	O-RING I.D 0152XTHK.3.5MM	6	RUBBER	RUBBER
3452	SPRING RETAINER FOR MECHANICAL SEAL	3	metal	stanless steel
3453	COMPRESSION SPRING WIRE DIA.0.76XO.D6XL2	68	metal	stanless steel
3454	O-RING I.D 109.6XTHK.5.7MM FKM	6	RUBBER	RUBBER
3455	O-RING I.D 132.94XTHK.3.53MM FKM	12	RUBBER	RUBBER

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3456	O-RING I.D 0107XTHK.3.5MM (FOR MECHANICA	6	RUBBER	RUBBER
3457	O-RING I.D 123.42XTHK.3.53MM FKM	6	RUBBER	RUBBER
3458	SEAL RING FOR MECHANICAL SEAL (CERAMIC)	6	metal	stanless steel
3459	O-RING I.D 0008.6XTHK.1.9MM	16	RUBBER	RUBBER
3460	STEM	2	metal	steel
3461	STEM	2	metal	steel
3462	GASKET FIBER 260X357X3.4MM FOR WIND BOX	6	FIBER	FIBER
3463	GASKET FIBER 062X102X1.66MM FOR BURNER	3	FIBER	FIBER
3464	GASKET FIBER 094X165X3.3MM FOR FLAME DET	24	FIBER	FIBER
3465	SETTING PIN O.D 13XL33MM FOR BURNER NOZZ	88	metal	stanless steel
3466	OILER (913-3/8)	1	plastic	plastic
3467	GASKET FIBER O.D 54.2X0.4MM 4 HOLES	5	FIBER	FIBER
3468	GASKET FIBER O.D 60X0.5MM 4 HOLES	4	FIBER	FIBER
3469	SCREEN 40 MESH	1	metal	steel
3470	SCREEN	2	metal	steel
3471	SCREEN	2	metal	steel
3472	BUSH (MODEL JAHW3N 1")	1	metal	steel
3473	VALVE SEAT HOLDER (MODEL JAHW3N 1")	1	metal	stanless steel
3474	SCREEN	1	metal	steel
3475	SNAP RING FOR VALVE SEAT	1	metal	stanless steel
3476	FLOAT	1	metal	stanless steel
3477	HOLDER RING	7	metal	stanless steel
3478	HOLDER RING	7	metal	steel
3479	SCREEN	7	metal	steel
3480	DISC VALVE	7	metal	stanless steel
3481	GASKET FIBER 339X379X3.6MM FOR SHELL FLA	3	FIBER	FIBER
3482	S.W GASKET 127X175X4.8MM OUTER RING PTFE	3	metal	stanless steel
3483	GASKET FIBER 114.8X173.2X1.8MM	1	FIBER	FIBER
3484	GASKET FIBER 061.3X152.8X1.8MM 4HOLE	2	FIBER	FIBER
3485	GASKET FIBER 076.7X178.4X1.8MM 4HOLE	2	FIBER	FIBER
3486	GASKET FIBER 089.8X189.8X1.8MM 4HOLE	5	FIBER	FIBER
3487	ACCESS DOOR COMP FOR DUCT	1	metal	steel
3488	COLLAR	4	metal	steel
3489	NAME PLATE (MODEL G7B 3")	1	metal	stanless steel
3490	SOCKET HEAD BOLT M8X25(MODEL G7B 3")	1	metal	stanless steel
3491	NUT (MODEL G7B 3")	1	metal	stanless steel
3492	SCREW ROD (MODEL G7B 3")	2	metal	stanless steel
3493	PISTON VALVE ASSEMBLY (MODEL G7B 3")	1	metal	steel
3494	VIBRAION ISOLATE PAD	16	RUBBER	RUBBER
3495	SCREEN	3	metal	steel
3496	SCREEN	2	metal	steel
3497	SEPARATOR	1	metal	stanless steel
3498	BALL	1	metal	stanless steel
3499	INNER COVER	1	metal	steel
3500	VALVE SEAT	1	metal	stanless steel
3501	VALVE DISC	1	metal	stanless steel
3502	BALL VALVE SEAT NBR	1	RUBBER	RUBBER
3503	SQUARE RING NBR	2	RUBBER	RUBBER
3504	PISTON	1	metal	stanless steel
3505	SNAP RING	1	metal	steel
3506	PISTON VALVE SEAT	1	metal	stanless steel
3507	BUCKET	2	plastic	plastic
3508	BUSH (MODEL JAHW3N 3/4")	1	metal	stanless steel
3509	VALVE SEAT HOLDER (MODEL JAHW3N 3/4")	1	metal	stanless steel

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3510	SCREEN	5	metal	steel
3511	SNAP RING FOR VALVE SEAT	5	metal	stanless steel
3512	VALVE SEAT	5	metal	stanless steel
3513	FLOAT	4	metal	stanless steel
3514	SCREEN HOLDER RETAINER (MODEL JHW7N 2")	2	metal	steel
3515	SCREEN HOLDER (MODEL JHW7N 2")	2	metal	stanless steel
3516	SCREEN	3	metal	stanless steel
3517	SNAP RING FOR SCREEN	3	metal	stanless steel
3518	ORIFICE	1	metal	steel
3519	FLOAT	2	metal	stanless steel
3520	SCREEN HOLDER RETAINER (MODEL JHBW8SN 4"	1	metal	stanless steel
3521	SCREEN HOLDER (MODEL JHBW8SN 4")	1	metal	stanless steel
3522	SCREEN HOLDER RETAINER (MODEL JHBW7.5N S	1	metal	steel
3523	SNAP RING	2	metal	stanless steel
3524	SCREEN	2	metal	stanless steel
3525	ORIFICE	1	metal	stanless steel
3526	SCREEN HOLDER	1	metal	stanless steel
3527	HOLDER RING	4	metal	steel
3528	SCREEN	3	metal	stanless steel
3529	BIMETAL	4	metal	copper
3530	DISC VALVE	4	metal	stanless steel
3531	SNAP RING	2	metal	stanless steel
3532	SCREEN HOLDER	2	metal	stanless steel
3533	SCREEN	3	metal	steel
3534	ORIFICE	2	metal	steel
3535	WASHER O.D26X I.D15MM C.S	3	metal	stanless steel
3536	PIN 3X9MM S.S	6	metal	stanless steel
3537	FOLLOWER RING	3	metal	stanless steel
3538	COMPRESSION SPRING WIRE DIA.2.9XO.D38.2X	3	metal	stanless steel
3539	O-RING I.D 0030XTHK.3MM VITON	17	RUBBER	RUBBER
3540	O-RING I.D 0038XTHK.3MM SQURE CROSS SECT	19	RUBBER	RUBBER
3541	ROTATING SEAL RING	3	metal	steel
3542	STATIONARY SEAL RING	4	CARBON	CARBON
3543	ROLLER FOLLOWER	4	metal	steel
3544	JAW COUPLING O.D50XSHAFT18/16XL48MM W/O	2	metal	steel
3545	O-RING I.D 0131.5XTHK.2MM	4	RUBBER	RUBBER
3546	METAL	1	metal	steel
3547	METAL	4	metal	steel
3548	V-RING	2	TEFLON	TEFLON
3549	GLASS FOR SIGHT FLOW BOX	2	Glass	Glass
3550	DOWEL PIN 13X100M FOR MOTOR SIDE BRG HOU	4	metal	stanless steel
3551	GASKET FIBER 230X270X3MM FOR SHELL FLANG	4	FIBER	FIBER
3552	O-RING I.D 1398XTHK.9.8MM	2	RUBBER	RUBBER
3553	GASKET FIBER 033.5X66.1X3.38MM PILL#5610	2	FIBER	FIBER
3554	GASKET FIBER 021.6X47.1X3.1MM	2	FIBER	FIBER
3555	GASKET FIBER 060X104.5X3.1MM PILL#5610	2	FIBER	FIBER
3556	GASKET FIBER 048.5X85X3MM PILL#5610	2	FIBER	FIBER
3557	GASKET FIBER 044.8X75.8X3.1MM PILL#5610	2	FIBER	FIBER
3558	S.W GASKET 1" 300LB OUTER/INNER RING PTF	7	metal	stanless steel
3559	GASKET FIBER 027.8X57X3MM PILL#5610	2	FIBER	FIBER
3560	GASKET FIBER 077.5X122X3.1MM PILL#5610	2	FIBER	FIBER
3561	GASKET FIBER 089X134X3MM WITH OUT HOLE	6	FIBER	FIBER
3562	GASKET FIBER 142X196X3MM PILL#5610	2	FIBER	FIBER
3563	GASKET FIBER 325X409X3MM	6	FIBER	FIBER

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3564	GASKET FIBER 510X607X3.3MM PILL#5610	4	FIBER	FIBER
3565	SIGHT GLASS	2	Glass	Glass
3566	OIL PLUG GAUGE	4	Glass	Glass
3567	TEFLON WELDING FOIL	32	TEFLON	TEFLON
3568	O-RING I.D 0089.4XTHK.3.1MM (NBR)	2	RUBBER	RUBBER
3569	GASKET RUBBER 130X160X3.3MM SQUARE	1	RUBBER	RUBBER
3570	RGASKETX212	2	metal	steel
3571	SEAT RING	1	metal	stanless steel
3572	VALVE PLUG STEM	1	metal	stanless steel
3573	SEAT RING	1	metal	stanless steel
3574	BACK UP RING	1	TEFLON	TEFLON
3575	GASKET FIBER 072X84X1MM SEAT RING WITH O	1	FIBER	FIBER
3576	SEAT RING	1	metal	stanless steel
3577	VALVE PLUG STEM	1	metal	stanless steel
3578	SEAL RING	1	metal	stanless steel
3579	PACKING TEFLON 9.3X22.4X7.4MM V-SHAPE 6P	2	TEFLON	TEFLON
3580	GASKET FIBER 48.7X64.7X0.7MM-SEAT RING W	1	FIBER	FIBER
3581	S.W GASKET 50.5X63.1X6MM PTFE FILLER	1	metal	stanless steel
3582	GASKET FIBER 045.5X56.3X0.6MM FOR CAGE W	1	FIBER	FIBER
3583	GASKET FIBER 48X73.4X0.7MM FOR BONNET WI	1	FIBER	FIBER
3584	SEAT RING	1	metal	stanless steel
3585	GROOVE PIN 2.5X14MM S.S	2	metal	stanless steel
3586	VALVE PLUG STEM	1	metal	stanless steel
3587	VALVE PLUG	1	metal	stanless steel
3588	O-RING I.D 0105XTHK.3.1MM G100	2	RUBBER	RUBBER
3589	O-RING I.D 0099XTHK.3MM G105	2	RUBBER	RUBBER
3590	GASKET RUBBER 180X240X2.0MM RECTANGULAR	2	RUBBER	RUBBER
3591	O-RING I.D 0103XTHK.3.1MM G105	2	RUBBER	RUBBER
3592	GASKET RUBBER 180X240X2.0MM RECTANGULAR	2	RUBBER	RUBBER
3593	O-RING I.D 0054XTHK.3.1MM	4	RUBBER	RUBBER
3594	O-RING I.D 0250XTHK.7.5MM	3	RUBBER	RUBBER
3595	O-RING I.D 0214.5XTHK.2.6MM	3	RUBBER	RUBBER
3596	O-RING I.D 0035.5XTHK.3.5MM	3	RUBBER	RUBBER
3597	GASKET FIBER 060X110X3.2MM TOMBO	8	FIBER	FIBER
3598	GASKET FIBER 100X160X3.2MM TOMBO	44	FIBER	FIBER
3599	PACKING GRAPHITE BRAIDED 35X62X14.2MM WI	12	GRAPHITE	GRAPHITE
3600	PACKING TEFLON 35.4X59X5.5MM	8	TEFLON	TEFLON
3601	PACKING TEFLON 60X84X5.5MM/SHAFT SEAL DU	50	TEFLON	TEFLON
3602	O-RING I.D 0031.7XTHK.3.5MM (EPDM)	3	RUBBER	RUBBER
3603	GASKET METAL 038.3X47.6X1MM	3	metal	stanless steel
3604	O-RING I.D 0059.4XTHK.3.1MM (EPDM)	3	RUBBER	RUBBER
3605	O-RING I.D 0030.7XTHK.3.5MM VITON	2	RUBBER	RUBBER
3606	FILTER (OD14XH3)MM BRONZE (SPECIAL)	3	metal	bronze
3607	O-RING I.D 0199.8XTHK.3MM VITON	3	RUBBER	RUBBER
3608	O-RING I.D 0029.4XTHK.3.1MM VITON	2	RUBBER	RUBBER
3609	O-RING I.D 0188XTHK.8.4MM	1	RUBBER	RUBBER
3610	STEM	2	metal	stanless steel
3611	GASKET COPPER 024X30X1MM	2	metal	copper
3612	O-RING I.D 0019.8XTHK.2.4MM VITON	2	RUBBER	RUBBER
3613	O-RING I.D 0020.8XTHK.2.4MM VITON	2	RUBBER	RUBBER
3614	STOP RING	1	metal	steel
3615	O-RING I.D 0017.8XTHK.2.4MM VITON	2	RUBBER	RUBBER
3616	O-RING I.D 0021.8XTHK.2.4MM VITON	2	RUBBER	RUBBER
3617	GASKET COPPER 086.2X93.6X1.1MM	6	metal	copper

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3618	O-RING I.D 0074.4XTHK.3.1MM VITON	2	RUBBER	RUBBER
3619	PACKING TEFLON BRAIDED 15X25.7X4.6MM	16	TEFLON	TEFLON
3620	PACKING TEFLON BRAIDED 16X25X5.5MM	20	TEFLON	TEFLON
3621	COMPRESSION SPRING WIRE DIA.0.64XO.D6.5X	3	metal	stanless steel
3622	STOP RING	1	metal	steel
3623	RING	1	metal	stanless steel
3624	PIVOT PIN 10X45MM S.S	9	metal	stanless steel
3625	PIVOT PIN 10X65MM S.S	22	metal	stanless steel
3626	INSPECTION CAP FOR R.H OUTLET HDR SA 182	1	metal	steel
3627	THREADED END PIN 5X16MM S.S	16	metal	stanless steel
3628	IMPROVED BACK UP RING (AS 970-12 IMPROV	1	TEFLON	TEFLON
3629	SEAT FOR PART NO:16 (SPINDLE)	15	metal	stanless steel
3630	LINER RING	4	metal	stanless steel
3631	KEY SQUARE 6X22MM FOR COUPLING	2	metal	stanless steel
3632	SHAFT	1	metal	stanless steel
3633	OIL RING STOPPER	2	metal	steel
3634	O-RING I.D 0008.8XTHK.1.9MM	16	RUBBER	RUBBER
3635	ROLLER CHAIN SPRING CLIP CONNECTING LINK	16	metal	steel
3636	ROLLER CHAIN SPRING CLIP CONNECTING LINK	25	metal	steel
3637	ROLLER CHAIN SPRING CLIP CONNECTING LINK	13	metal	steel
3638	BEARING HOUSING	2	metal	steel
3639	SPROCKET FOR GEAR BOX	1	metal	steel
3640	SPROCKET FOR GEAR BOX	1	metal	steel
3641	SPROCKET FOR SOOT BLOWER 3_7	2	metal	steel
3642	SPROCKET FOR SOOT BLOWER 3_7	2	metal	steel
3643	SPOCKET FOR DRIVER JACK SHAFT	1	metal	steel
3644	GASLET FOR HANO HOLE N-3A-B	2	metal	steel
3645	GASKET RUBBER 045X120X1.5MM OVAL	4	RUBBER	RUBBER
3646	COMPRESSION SPRING WIRE DIA.3XO.D35XL50.	7	metal	steel
3647	O-RING I.D 0244XTHK.3MM (TURN. GEAR COUP	1	metal	stanless steel
3648	KEY FLAT 20X36X140MM FOR COUPLING	1	metal	steel
3649	O-RING I.D 0003.5XTHK.2MM VITON	48	RUBBER	RUBBER
3650	GASKET RUBBER 019.5X27.8X26MM (B)	23	RUBBER	RUBBER
3651	GASKET RUBBER 009.7X23.3X3.16MM (A)	24	RUBBER	RUBBER
3652	O-RING I.D 0010.6XTHK.1.7MM VITON	119	RUBBER	RUBBER
3653	DUST COVER	24	metal	steel
3654	O-RING I.D 0011.5XTHK.2.5MM	24	RUBBER	RUBBER
3655	O-RING I.D 0062XTHK.2.3MM	47	TEFLON	TEFLON
3656	PISTON PACKING	48	TEFLON	TEFLON
3657	PACKING TEFLON 15X34X3.6MM BROWN	24	TEFLON	TEFLON
3658	GASKET RUBBER 018X28X5.6MM	24	RUBBER	RUBBER
3659	VALVE SEAT 18X30X36X7MM VITON	12	RUBBER	RUBBER
3660	GASKET GRAPHITE 032.3X39.4X1.6MM	12	GRAPHITE	GRAPHITE
3661	U-RING 12X16X2.7MM VITON	12	RUBBER	RUBBER
3662	O-RING I.D 0029XTHK.3.1MM	14	RUBBER	RUBBER
3663	GASKET GRAPHITE 009.5X20X2.6MM FOR SEAT	24	GRAPHITE	GRAPHITE
3664	O-RING I.D 0004.5XTHK.1.7MM	9	RUBBER	RUBBER
3665	O-RING I.D. 180XTHK.3.0MM VITON	9	RUBBER	RUBBER
3666	O-RING I.D 0130XTHK.2.67MM	18	RUBBER	RUBBER
3667	U-RING 120X132X7.0MM VITON	18	RUBBER	RUBBER
3668	U-RING 73X85X7.0MM VITON	18	RUBBER	RUBBER
3669	PACKING TEFLON BRAIDED 73X83X5.0MM	27	TEFLON	TEFLON
3670	DUST SEAL 84X73X5.0 MM TEFLON	9	TEFLON	TEFLON
3671	PACKING GRAPHITE BRAIDED 25X38X8.3MM	71	GRAPHITE	GRAPHITE

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3672	GASKET WITHOUT GAUGE GLASS	50	GRAPHITE	GRAPHITE
3673	GASKET METAL 35X51X14.2MM (RING JOINT R	6	metal	steel
3674	GASKET WITH GAUGE GLASS	52	Glass	Glass
3675	BOLTS WITH NUTS FOR B.F.P-P COUPLING (PO	21	metal	steel
3676	DRUM LEVEL GAUGE PORT GLASS (NEW - SGC-	2	Glass	Glass
3677	S.W GASKET 406X470X4.5MM 316L+ GRAPHITE	9	metal	stanless steel
3678	RUBBER PAD FOR PIN PUSH COUPLING O.D17X1	9	RUBBER	RUBBER
3679	IMPELER	1	metal	stanless steel
3680	COUPLING BOLT 8X40(HALF THRED.)WITH NUT	5	metal	stanless steel
3681	RATCHET GEAR	1	metal	steel
3682	RATCHET GEAR	1	metal	steel
3683	RATCHET GEAR	1	metal	steel
3684	GASKET 066.5X84X1.1MM WITH OUT HOLE	8	FIBER	FIBER
3685	GASKET TEFLON 045.3X58X1.1MM WITH OUT HO	4	TEFLON	TEFLON
3686	GASKET TEFLON 17.8X25X1.1MM WITH OUT HOL	8	TEFLON	TEFLON
3687	DISC	1	metal	steel
3688	BUSH	2	metal	steel
3689	COMPRESSION SPRING WIRE DIA.3XO.D28.5XL5	3	metal	stanless steel
3690	PILOT VALVE DISC	2	metal	stanless steel
3691	BUSH	2	metal	steel
3692	PILOT VALVE-VALVE GUIDE	2	metal	steel
3693	BACK-UP RING PTFE 220X230X1.9MM / IMPROV	3	TEFLON	TEFLON
3694	O-RING I.D 0219.3 XTHK.5.7MM (REP) IMPRO	3	RUBBER	RUBBER
3695	COMPRESSION SPRING WIRE DIA.1.0XO.D12.8X	10	metal	steel
3696	O-RING I.D 0030XTHK.3MM FOR RELIEF VALVE	10	RUBBER	RUBBER
3697	O-RING I.D 0085.5XTHK.3.1MM (NBR)	10	RUBBER	RUBBER
3698	O-RING I.D 0015.5XTHK.2.5MM (NBR)	10	RUBBER	RUBBER
3699	DIAPHRAGM O.D100 PTFE	10	TEFLON	TEFLON
3700	PACKING TEFLON 15X27X5MM V-SHAPE BLACK	10	TEFLON	TEFLON
3701	PLUNGER	2	metal	stanless steel
3702	VALVE GUIDE B	5	metal	stanless steel
3703	VALVE GUIDE A	5	metal	stanless steel
3704	VALVE SEAT	12	metal	stanless steel
3705	BALL FOR BALL VALVE	8	metal	stanless steel
3706	GASKET 26X35X1.5MM FOR STORKE UNIT WITH	2	RUBBER	RUBBER
3707	O-RING I.D 0014.7XTHK.2.45MM FOR ADJUSTI	4	RUBBER	RUBBER
3708	BALL BEARING FOR STROKE ADJUSTING UNIT 5	2	metal	steel
3709	COMPRESSION SPRING WIRE DIA.1.0XO.D12.7X	2	metal	steel
3710	SPINDLE	1	metal	steel
3711	COMPRESSION SPRING WIRE DIA.3.0XO.D15XL3	2	metal	steel
3712	VALVE SEAT	1	metal	stanless steel
3713	O-RING I.D 0030XTHK.3.1MM	24	RUBBER	RUBBER
3714	O-RING I.D 0013XTHK.2.35MM	16	RUBBER	RUBBER
3715	O-RING I.D 0013XTHK.2.35MM	24	RUBBER	RUBBER
3716	O-RING I.D 0085XTHK.3.1MM	24	RUBBER	RUBBER
3717	O-RING I.D 0049.6XTHK.3MM	24	RUBBER	RUBBER
3718	DIAPHRAGM PTFE	36	TEFLON	TEFLON
3719	PACKING TEFLON 12X24X5MM V-SHAPE-V#2630	27	TEFLON	TEFLON
3720	GASKET TEFLON 008.3X14.8X1.6MM WITH OUT	200	TEFLON	TEFLON
3721	PLUNGER	2	metal	stanless steel
3722	VALVE GUIDE B	6	metal	stanless steel
3723	VALVE GUIDE A	6	metal	stanless steel
3724	VALVE SEAT (THICK)	12	metal	stanless steel
3725	BALL FOR BALL VALVE	8	metal	stanless steel

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3726	GASKET 101X150X1.65MM FOR STORKE UNIT	2	FIBER	FIBER
3727	GAKSET FOR STROKE ADJUSTING UNIT	2	RUBBER	RUBBER
3728	OIL GAUGE FOR STROKE ADJUSTING UNIT DWG.	6	metal	steel
3729	O-RING I.D 0014.8XTHK.2.4MM STROKE ADIUS	5	RUBBER	RUBBER
3730	OIL SEAL 030X050X10MM	5	RUBBER	RUBBER
3731	COMPRESSION SPRING WIRE DIA.1.0XO.D12.8X	3	metal	steel
3732	BEARING FOR STROKE ADJUSTING UNIT RNA 49	4	metal	steel
3733	BEARING METAL FOR STROKE ADJUSTING UNIT	4	metal	steel
3734	COMPRESSION SPRING WIRE DIA.2.6XO.D14.5X	12	metal	steel
3735	COMPRESSION SPRING WIRE DIA.7XO.D26XL50.	4	metal	steel
3736	O-RING I.D 0027XTHK.3MM FOR RELIEF VALVE	24	RUBBER	RUBBER
3737	O-RING I.D 0013.5XTHK.2.4MM FOR RELIEF V	31	RUBBER	RUBBER
3738	O-RING I.D 0013.5XTHK.2.4MM FOR RELIEF V	12	RUBBER	RUBBER
3739	O-RING I.D 0095.8XTHK.3.1MM	19	RUBBER	RUBBER
3740	O-RING I.D 0586XTHK.3.1MM	15	RUBBER	RUBBER
3741	DIAPHRAGM PTFE	15	TEFLON	TEFLON
3742	PACKING TEFLON 15X27X8MM V-SHAPE V#2630	74	TEFLON	TEFLON
3743	O-RING I.D 0013.7XTHK.2.4MM	182	RUBBER	steel
3744	VALVE GUIDE B	8	metal	stanless steel
3745	VALVE GUIDE A	8	metal	stanless steel
3746	BALL FOR BALL VALVE	20	metal	stanless steel
3747	SLEEVE NUT LEFT	1	metal	stanless steel
3748	IMPELLER WEARING RING	3	metal	copper
3749	KEY DOUBLE ROUND END 6X6X50MM	1	metal	stanless steel
3750	IMPELLER NUT C.5 (SPECIAL)	1	metal	stanless steel
3751	SEAL SLEEVE	1	metal	stanless steel
3752	STAGE SLEEVE	3	metal	stanless steel
3753	MECHANICAL SEAL TYPE HB 2700BN53 UD-025	2	metal	stanless steel
3754	O-RING I.D 0025XTHK.3MM VITON	4	RUBBER	RUBBER
3755	O-RING I.D 0059XTHK.3MM VITON	14	RUBBER	RUBBER
3756	O-RING I.D 0112XTHK.4MM (NBR)	6	RUBBER	RUBBER
3757	O-RING I.D 0182XTHK.4MM (NBR)	4	RUBBER	RUBBER
3758	GASKET 061.5X75X0.3MM WITH OUT HOLE	3	FIBER	FIBER
3759	GASKET TEFLON 126 X 0.5MM 8HOLE	1	TEFLON	TEFLON
3760	GASKET 125X168X0.5MM 8HOLE	7	TEFLON	TEFLON
3761	BEARING COVER	1	metal	steel
3762	OIL PORT HOUSING O-RING	1	RUBBER	RUBBER
3763	OIL PORT HOUSING O-RING	2	RUBBER	RUBBER
3764	SEAT RING	3	metal	stanless steel
3765	GASKET FIBER 56X105X1.1MM FOR RELIEF VAL	5	FIBER	FIBER
3766	GASKET FIBER 42.3X62.6X1.2MM FOR RELIEF	5	FIBER	FIBER
3767	GASKET FIBER 84.5X138.6X1.2MM - RELIEF V	5	FIBER	FIBER
3768	GASKET METAL 041.6X54.3X1.1MM	10	metal	copper
3769	GASKET METAL 016.5X25.1X1.1MM	5	metal	copper
3770	DUST SEAL	5	RUBBER	RUBBER
3771	GREASE SEAL	5	RUBBER	RUBBER
3772	O-RING I.D 0101XTHK.3.5MM	4	RUBBER	RUBBER
3773	BEARING SEAT	6	metal	steel
3774	O-RING I.D 0196XTHK.3.5MM VITON	3	RUBBER	RUBBER
3775	KEY FLAT 9X12.8X86MM	1	metal	steel
3776	COMPRESSION SPRING WIRE DIA.0.63XO.D8.3X	1	metal	stanless steel
3777	O-RING I.D 0254XTHK.3.5MM VITON	3	RUBBER	RUBBER
3778	O-RING I.D 0165XTHK.3.5MM VITON	4	RUBBER	RUBBER
3779	DEFLECTOR	2	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

3780	KEY DOUBLE ROUND END 7X7X80MM S.S FOR IM	1	metal	stanless steel
3781	COVER O-RING	2	RUBBER	RUBBER
3782	MECHANICAL SEAL	2	metal	stanless steel
3783	MECHANICAL SEAL	1	metal	stanless steel
3784	CROWN NDW	4	metal	stanless steel
3785	SIDE PLATE	1	metal	stanless steel
3786	GASKET PAPER 075X75X0.5 MM SQARE 4 HOLES	10	RUBBER	RUBBER
3787	UPPER SIGHT GLASS	2	Glass	Glass
3788	KEY FLAT 9X14X43MM	1	metal	steel
3789	LOCK WASHER FOR IMPELLER.	1	metal	stanless steel
3790	GAS VENT	1	metal	steel
3791	SPIRAL WOUND GASKET	1	metal	stanless steel
3792	O-RING I.D 0139.4 X THK. 3.1MM NBR	3	RUBBER	RUBBER
3793	O-RING I.D 0114.4 X THK. 3.1MM NBR	2	RUBBER	RUBBER
3794	O-RING I.D 0159.3 X THK. 5.7MM NBR	5	RUBBER	RUBBER
3795	O-RING I.D 0209.3 X THK. 5.7MM NBR	11	RUBBER	RUBBER
3796	OIL POT SIGHT CLASS	6	Glass	Glass
3797	OIL RING	2	metal	steel
3798	NECK BUSH	2	metal	steel
3799	DEFLECTOR	2	metal	steel
3800	KEY SQUARE 9X14X67MM FOR IMPELLER	3	metal	stanless steel
3801	IMPELLER NUT 7/8" C.S	2	metal	stanless steel
3802	LOCK NUT (FOR BALL BEARING)	6	metal	stanless steel
3803	KEY FLAT 6X7X27MM	1	metal	stanless steel
3804	KEY FLAT 6X7X19MM	1	metal	stanless steel
3805	KEY FLAT 5X6X20MM	4	metal	stanless steel
3806	KEY FLAT 9X12.4X33MM	2	metal	steel
3807	THREADED END DOWEL PIN 30X86MM SCREW HEA	2	metal	stanless steel
3808	O-RING I.D 38.22XTHK.1.53MM METAL	4	metal	stanless steel
3809	SOLID METAL FLAT GASKET 232X242X0.5MM MO	3	metal	steel
3810	O-RING I.D 0025.7XTHK.3.5MM (EPR)	6	RUBBER	RUBBER
3811	O-RING I.D 0041.7XTHK.3.5MM	4	RUBBER	RUBBER
3812	O-RING I.D 0041.7XTHK.3.5MM	4	RUBBER	RUBBER
3813	O-RING I.D 00427XTHK.7MM (EPR)	2	RUBBER	RUBBER
3814	BACK-UP RING PTFE 423X435X3.0MM	5	TEFLON	TEFLON
3815	O-RING I.D 0129.5XTHK.3MM (NBR)	2	RUBBER	RUBBER
3816	BACK-UP RING PTFE 210X220X1.9MM	5	TEFLON	TEFLON
3817	O-RING I.D 0209XTHK.5.7MM (EPR)	5	RUBBER	RUBBER
3818	O-RING	6	RUBBER	RUBBER
3819	SEALING SLEEVE	5	metal	stanless steel
3820	CONED DISC SPRING	4	metal	stanless steel
3821	SPLITTER	14	metal	stanless steel
3822	SPLITTER	4	metal	steel
3823	THRUST BEARING ADJUSTING LINER	1	metal	stanless steel
3824	LEVELING PLATE (UPPER)	12	metal	steel
3825	LEVELING PLATE (LOWER)	12	metal	steel
3826	THRUST SHOE	2	metal	steel
3827	THRUST SHOE	8	metal	steel
3828	OIL SEAL RING RETAINER	4	metal	steel
3829	OIL SEAL 6-666701 (METAL)	4	metal	steel
3830	CASING RING (1ST STAGE)	3	metal	stanless steel
3831	CASING RING (1ST STAGE)	2	metal	stanless steel
3832	KEY SQUARE 6.5X107MM FOR IMPELLER 4TH &	2	metal	stanless steel
3833	KEY SQUARE 6.2X32MM FOR IMPELLER 2ND STA	5	metal	stanless steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

3834	KEY FLAT 6.3X7.5X37MM FOR IMPELLER 1ST S	3	metal	stanless steel
3835	SPLIT RING	1	metal	stanless steel
3836	BALANCING SLEEVE	2	metal	steel
3837	LOCATING RING	4	metal	steel
3838	SET RING	6	metal	steel
3839	HALF DIAPH. COUPLING O.D146XSHAFT28XL46M	1	metal	steel
3840	HALF DIAPH. COUPLING O.D146XSHAFT38XL60M	1	metal	steel
3841	O-RING I.D 0035XTHK.3MM	2	RUBBER	RUBBER
3842	BEARING METAL	2	CARBON	CARBON
3843	BEARING METAL	2	CARBON	CARBON
3844	BEARING METAL	4	CARBON	CARBON
3845	CASING RING	2	metal	steel
3846	COMPRESSION SPRING WIRE DIA.5XO.D62.5XL5	1	metal	stanless steel
3847	O-RING I.D 0049XTHK.3.5MM	5	RUBBER	RUBBER
3848	O-RING I.D 0052XTHK.3.5MM	4	RUBBER	RUBBER
3849	MECHANICAL SEAL CODE 1501-R-1 5/8 SPEC N	2	metal	stanless steel
3850	SLEEVE	1	metal	stanless steel
3851	SLEEVE	1	metal	stanless steel
3852	SLEEVE	1	metal	stanless steel
3853	COUPLING O.D60X95MM NPTF30	1	metal	stanless steel
3854	IMPELLER	1	metal	steel
3855	O-RING I.D 0158XTHK.5.7MM	3	RUBBER	RUBBER
3856	TAPERED ROLLER BEARING 32216	8	metal	steel
3857	SHIM 165X228MM 8 HOLES	20	metal	stanless steel
3858	SHIM 140X200MM 8 HOLES	20	metal	stanless steel
3859	GASKET FIBER 200X150X2MM SQUARE 8 HOLES	2	FIBER	FIBER
3860	LUBE OIL PUMP FOR G.A.H-B (TOP 210-HBRV	1	metal	steel
3861	OIL FILTER (OD65XH150)MM AC-08-PT1	3	metal	steel
3862	PLATE ROCK WASHER T=1.6 C.S	4	metal	steel
3863	O-RING I.D 0203XTHK.8.4MM	1	RUBBER	RUBBER
3864	REAMER BOLTS & NUTS 12X1.75X60L COOPER	12	metal	copper
3865	AIR SEAL FOR GAR RECIRCULATION FAN	4	metal	steel
3866	O-RING I.D 0233XTHK.8.3MM	1	metal	steel
3867	AIR NOZZLE	14	metal	stanless steel
3868	FLUID NOZZLE	14	metal	stanless steel
3869	GASKET COPPER 009.2X20X0.22MM 8 HOLES	10	metal	copper
3870	GASKET COPPER 014X18X2.0MM	12	metal	copper
3871	O-RING I.D 0013.5XTHK.2.4MM	11	RUBBER	RUBBER
3872	STRAINER ELEMENT	2	metal	stanless steel
3873	PACKING TEFLON 11.6X16.5X2.0MM	1	TEFLON	TEFLON
3874	STRAINER BODY	3	metal	brass
3875	ROLLER CHAIN OFFSET LINK (2080)	6	metal	steel
3876	ROLLER SHAFT	4	metal	steel
3877	ROLLER	3	metal	steel
3878	COMPRESSION SPRING WIRE DIA.4XO.D35XL91M	7	metal	steel
3879	IDLER SHAFT	1	metal	steel
3880	DRIVE SHAFT	1	metal	steel
3881	DRIVE SHAFT	1	metal	steel
3882	COMPRESSION SPRING WIRE DIA.0.75XO.D6.7X	7	metal	steel
3883	SPRING FOR SOOT BLOWER	3	metal	steel
3884	SIDE THRUST ROLLER	15	metal	steel
3885	TRIP	2	metal	steel
3886	SPROKET	2	metal	steel
3887	SPROCKET SHAFT	2	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

3888	SPROCKET	1	metal	steel
3889	O-RING	8	RUBBER	RUBBER
3890	O-RING	8	RUBBER	RUBBER
3891	O-RING	4	RUBBER	RUBBER
3892	DU BUSH O.D39XI.D35XL30MM	4	metal	plastic
3893	BUSH	1	metal	brass
3894	GASKET RUBBER 220X225X2MM SQUARE	2	RUBBER	RUBBER
3895	RETAINING RING C-TYPE 38	1	metal	steel
3896	GASKET FIBER 130X196X1MM	2	FIBER	FIBER
3897	GASKET FIBER 075X90X0.65MM SQUARE	2	FIBER	FIBER
3898	BEVEL GEAR	2	metal	steel
3899	SHAFT	1	metal	steel
3900	GASKET FIBER 073X87X1MM SQURE	4	FIBER	FIBER
3901	RETAINING RING C-TYPE	2	metal	steel
3902	CLUTCH	2	metal	steel
3903	VALVE STEM	10	metal	steel
3904	DISC FOR MSV_902	1	metal	steel
3905	GASKET FIBER 230X293X2MM WITH OUT HOLE	13	FIBER	FIBER
3906	PISTON RINGS	6	metal	steel
3907	GASKET FIBER 17X24X2.3MM IT300 WITH OUT	53	FIBER	FIBER
3908	GASKET RUBBER 300X375X5.2MM EPDM WITH OU	1	RUBBER	RUBBER
3909	GASKET RUBBER 246.8X331X5.2MM	1	RUBBER	RUBBER
3910	GASKET RUBBER 198X271.5X5.2MM EPDM WITH	1	RUBBER	RUBBER
3911	GASKET RUBBER 152X217.5X53MM EPDM WITH O	1	RUBBER	RUBBER
3912	GASKET NEOPRENE 300X372X5.1MM	1	RUBBER	RUBBER
3913	GASKET NEOPRENE 246.6X333X5.3MM	1	RUBBER	RUBBER
3914	GASKET NEOPRENE 198X271X5.3MM	1	RUBBER	RUBBER
3915	GASKET NEOPRENE 149X216X5.3MM	1	RUBBER	RUBBER
3916	GASKET NEOPRENE 42X79.3X5.3MM	1	RUBBER	RUBBER
3917	GASKET NEOPRENE 025X63X5.3MM	1	RUBBER	RUBBER
3918	GASKET FIBR 233.4X300X1.7COVER Z-214251-	4	FIBER	FIBER
3919	GASKET RUBBER 168X278X3MM	26	RUBBER	RUBBER
3920	GASKET RUBBER 113X225.8X3MM	18	RUBBER	RUBBER
3921	HEX. BOLT 3/4"X055MM C.S	30	metal	steel
3922	FLANGE NB 50 ,R.T.R.P WITH PIPE	2	RTR	RTR
3923	ELBOW 2" R.T.R 90 DEG. L.R	5	RTR	RTR
3924	UNION 1/4" S.S NPTM B.W	1	metal	stanless steel
3925	UNION 1" S.S NPTM B.W	1	metal	stanless steel
3926	LOOSE FLANGE 1" A105	1	metal	steel
3927	TEE 2 1/2" PVC	1	plastic	plastic
3928	TEE 2" PVC	1	plastic	plastic
3929	TEE 1 1/2" PVC	1	plastic	plastic
3930	TEE 1" PVC	1	plastic	plastic
3931	TEE 3/4" PVC	1	plastic	plastic
3932	TEE 1/2" PVC	1	plastic	plastic
3933	ELBOW 2" PVC 45 DEG.	1	plastic	plastic
3934	ELBOW 1" PVC 45 DEG.	1	plastic	plastic
3935	ELBOW 2 1/2" PVC 90 DEG.	1	plastic	plastic
3936	ELBOW 2" PVC 90 DEG.	1	plastic	plastic
3937	ELBOW 1 1/2" PVC 90 DEG.	1	plastic	plastic
3938	ELBOW 3/4" PVC 90 DEG.	1	plastic	plastic
3939	ELBOW 3/8" PVC NPTF 90 DEG.	1	plastic	plastic
3940	ELBOW 1/2" NB PVC 90 DEG.	1	plastic	plastic
3941	P.V.C REDUCER 3"(90MM) X 2 1/2"(75MM) M/	1	plastic	plastic

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

3942	P.V.C REDUCER 2"(63MM) X 1" (32MM) M/F C	2	plastic	plastic
3943	P.V.C REDUCER 3"(90MM)X1 1/2"(50MM) M/F	1	plastic	plastic
3944	REDUCER 1 1/2"X1" PVC S.W	1	plastic	plastic
3945	REDUCER 1"X3/4" PVC	1	plastic	plastic
3946	REDUCER 1"X1/2" S.W PVC	1	plastic	plastic
3947	REDUCER 1/2"X3/8" PVC S.W	1	plastic	plastic
3948	PIPE OD 64MM PVC	5	plastic	plastic
3949	PIPE OD 56MM PVC	5	plastic	plastic
3950	PIPE OD 41MM PVC	5	plastic	plastic
3951	ELBOW 4" PVC + FRP 45 DEG.	1	plastic	plastic
3952	ELBOW 6" PVC + FRP 90 DEG.	1	plastic	plastic
3953	ELBOW 4" PVC + FRP 90 DEG.	1	plastic	plastic
3954	ELBOW 3" NB PVC+FRP 90 DEG.	1	plastic	plastic
3955	ELBOW 2" NB PVC+FRP 90 DEG.	1	plastic	plastic
3956	ELBOW 1 1/2" NB PVC+FRP 90 DEG.	1	plastic	plastic
3957	ELBOW 1" NB PVC+FRP 90 DEG.LONG MAIL	1	plastic	plastic
3958	REDUCER 6"X1 1/2" PVC+FRPFRP	1	plastic	plastic
3959	REDUCER 6"X1" PVC+FRPFRP	1	plastic	plastic
3960	REDUCER 4"X3" PVC + FRP	1	plastic	plastic
3961	REDUCER 6"X5" PVC + FRP	1	plastic	plastic
3962	REDUCER 6"X3" PVC + FRP	2	plastic	plastic
3963	REDUCER 6"X4" PVC + FRP	2	plastic	plastic
3964	PIPE 150 NB,PVC+FRP	6	plastic	plastic
3965	PIPE 100 NB,PVC+FRP	6	plastic	plastic
3966	PIPE 80 NB,PVC+FRP	6	plastic	plastic
3967	PIPE 50 NB PVC+FRP	6	plastic	plastic
3968	PIPE 40 NB PVC+FRP	6	plastic	plastic
3969	ELBOW 1 1/2" 3000 F11 S.W 45 DEG.	1	metal	steel
3970	COUPLING 2" COOPER NPTM B.W	2	metal	copper
3971	COUPLING 1 1/2" COPPER NPTM B.W	1	metal	copper
3972	COUPLING 1" COOPER NPTM B.W	1	metal	copper
3973	COUPLING 3/4" COOPER NPTM B.W	5	metal	copper
3974	UNION 2" COPPER NPTM S.W	1	metal	copper
3975	UNION 1 1/2" COPPER NPTM S.W	1	metal	copper
3976	UNION 1" COPPER NPTF S.W	1	metal	copper
3977	UNION 3/4" COPPER NPTF S.W	1	metal	copper
3978	COUPLING 3/4" COPPER	3	metal	copper
3979	REDUCER 2"X1 1/2" COPPER	1	metal	copper
3980	REDUCER 1"X3/4" COPPER	3	metal	copper
3981	REDUCER TEE 2"X3/4" COPPER	2	metal	copper
3982	REDUCER TEE 1"X3/4"X 3/4" COPPER	1	metal	copper
3983	ELBOW 3/4" COPPER S.W 45 DEG.	4	metal	copper
3984	COUPLING 3/4" 3000 304L S.W	2	metal	steel
3985	TEE 3/4" 3000 F304 S.W	1	metal	steel
3986	FLANGE S.O 1" 150LB CUNI 90/10 FF	1	metal	stanless steel
3987	REDUCER 4"X3" 10S 304L WP B.W	1	metal	stanless steel
3988	ELBOW 1" 90 DEG ,3000 F22 S.W	2	metal	steel
3989	FLANGE S.O 1" 150LB CUNI 90/10 RF	1	metal	copper
3990	NIPPLE 3/4"X90MM CUNI 90/10 NPTM	1	metal	copper
3991	REDUCER 3/4"X1/4" COOPER CUNI90/10/10 NP	1	metal	copper
3992	REDUCER 3/4"X1/2" COOPER CUNI90/10/10 NP	1	metal	copper
3993	FLANGE S.O 3/4" 150LB CUNI 90/10 RF	1	metal	copper
3994	REDUCER 1/2"X1/4" ST35 NPTF	2	metal	steel
3995	NIPPLE 1" ST35 NPTM	2	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

3996	NIPPLE 1/4"X40MM ST35 WELD	2	metal	steel
3997	NIPPLE 3/8"X35MM ST35 NPTM WELD	2	metal	steel
3998	NIPPLE 1/2"X40MM ST35 NPTM WELD	1	metal	steel
3999	NIPPLE 3/4"X40MM ST35 B.W NPTM	1	metal	steel
4000	UNION 1/2" ST35 NPTM B.W	2	metal	steel
4001	UNION 1" ST35 NPTM B.W	2	metal	steel
4002	REDUCER INSERT 3/4"X3/8" 3000 A105 S.W	1	metal	steel
4003	REDUCER INSERT 1"X1/2" 3000 A105N S.W	1	metal	steel
4004	FLANGE S.O 1" 150LB A105 B16 RF	1	metal	steel
4005	TEE 1" 3000 A105N S.W	1	metal	steel
4006	FLANGE S.O 3/4" 50LB A105 B10	1	metal	steel
4007	COUPLING 3/4" 3000 A105 NPT	1	metal	steel
4008	FLEXIBLE TUBE 1/2" L1000MM METALIC S.W/N	1	metal	steel
4009	FLEXIBLE TUBE 3/4" L1000MM METALIC S.W	1	metal	steel
4010	REDUCER 2"X1" SCH.XXS WPB	1	metal	steel
4011	TEE 2" SCH.XXS WPB B.W	1	metal	steel
4012	COUPLING 1 1/2" 3000 A105N S.W	3	metal	steel
4013	REDUCER 1 1/2"X1" SCH.STD WPB B.W	1	metal	steel
4014	COUPLING 42MM COPPER WELD	4	metal	copper
4015	SHIM D.26/13.8X1	6	metal	steel
4016	SHIM D.26/13.8X0.2	5	metal	steel
4017	COMPRESSION SPRING WIRE DIA.4XO.D26XL65M	2	metal	steel
4018	شفرات بلف صغير	2	metal	steel
4019	شفرات بلف كبير	2	metal	steel
4020	GASKIT SEAT.	1	GRAPHITE	GRAPHITE
4021	RING PISTON D = 90	1	metal	steel
4022	ALANENK SHIMS.	1	metal	steel
4023	OIL FILTER OD43XID24XH115MM HP 10 MICRON	62	metal	steel
4024	O-RING I.D 0026XTHK.3.5MM	73	RUBBER	RUBBER
4025	BUSHING 24=DU=32 ID.38XO.D42XH51MM	6	metal	stanless steel
4026	SEAL RING TYPE BK 4325	199	metal	steel
4027	SEAL RING TYPE BK 6337	100	metal	steel
4028	O-RING I.D 0082.5XTHK.3.5MM 4325	97	RUBBER	RUBBER
4029	O-RING I.D 0085.5XTHK.5.3MM 6337	100	RUBBER	RUBBER
4030	O-RING I.D 0024.8XTHK.3.4MM 134	20	RUBBER	RUBBER
4031	BUSHING.	6	metal	steel
4032	GASKET FIBER 141.4X195X2MM WITH OUT HOLE	3	FIBER	FIBER
4033	GASKET RUBBER 141X166X11.5MM	1	RUBBER	RUBBER
4034	SPECIAL O.RING(SM55808)	2	metal	steel
4035	GASKET FIBER 670X760X1MM WITH OUT HOLE	3	FIBER	FIBER
4036	ALEN KEY BOLT 16X030MM	5	metal	steel
4037	NUT 14MM (SAME AS 2601080)	4	metal	steel
4038	GASKET FIBER 065X74.2X1MM WITH OUT HOLE	1	FIBER	FIBER
4039	GASKET FIBER 079.6X94.4X1MM WITH OUT HOL	9	FIBER	FIBER
4040	NUT 16MM	32	metal	steel
4041	NUT DIA.22	4	metal	stanless steel
4042	FEMALE WASHER DIA.22	24	metal	steel
4043	MALE WASHER DIA.22	24	metal	steel
4044	ALEN KEY BOLT 22X080MM (SAME AS 2606907)	2	metal	steel
4045	GASKET DIA 1100MM (SPECIAL)	17	GRAPHITE	GRAPHITE
4046	NEEDLE ANGLE V/V 1/2" NPTMX16MM HOSE NIP	2	metal	steel
4047	UNION ELBOW 3/8" 90 DEG.	2	metal	steel
4048	UNION ELBOW 3/4" 90 DEG.	2	metal	steel
4049	UNION TEE 3/8" BLACK	2	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4050	COMPRESSION SPRING WIRE DIA.4.2XO.D37.5X	3	metal	stanless steel
4051	O-RING I.D 0036XTHK.2.6MM	6	RUBBER	RUBBER
4052	SPRING RING D. NO. SK 6248 O.D75Xl.D69.7	2	metal	steel
4053	STRAINERS SCREEN NB 1 1/4 INCH SW ANSI 6	2	metal	stanless steel
4054	SEATS 22X35	8	TEFLON	TEFLON
4055	O-RING I.D 0043XTHK.1.63MM (TEFLON) FLAT	2	TEFLON	TEFLON
4056	RING 3.0.46	4	metal	steel
4057	DISC	2	metal	stanless steel
4058	GASKET TEFLON 35.7X43.3X1.57MM WITH OUT	2	TEFLON	TEFLON
4059	ADJUSTING BOLT (SPECIAL)19X1.5X54L COPER	10	metal	copper
4060	COMPRESSION SPRING WIRE DIA.3.5XO.D29.5X	4	metal	steel
4061	SPRING WASHER C.S (SPECIAL)	8	metal	steel
4062	SPRING RING A 1S1 316	1	metal	stanless steel
4063	PISTON	2	metal	steel
4064	SPINDLE	9	metal	steel
4065	ADJUSTING RING	3	metal	steel
4066	RETAINING CLIP	10	metal	steel
4067	COMPRESSION SPRING WIRE DIA.5.5XO.D40XL9	4	metal	steel
4068	SET OF SEALS & PACKINGS SULZER 000 382 4	7	RUBBER	steel
4069	RINGS NB(1)INCH ANSI 150 ALFA 10	6	metal	steel
4070	BUSHES NB(1)INCH ANSI 150 ALFA 10	8	metal	steel
4071	SEATS NB (1)INCH ANSI 150 ALFA 10	8	TEFLON	TEFLON
4072	S.W GASKET 50.6X60.4X4MM ASB FILLER	4	GRAPHITE	GRAPHITE
4073	RESILIEIN SEAT	4	RUBBER	RUBBER
4074	NOZZLE 3-53 3/4" NPTF	1	metal	stanless steel
4075	GASKET TEFLON 010X17.6X1.57MM FOR BUSHIN	8	TEFLON	TEFLON
4076	SEAT	8	metal	steel
4077	GASKET FIBER 21.5X27.5X1.16MM WITH OUT H	4	FIBER	FIBER
4078	GASKET FIBER 035.7X45.3X1.3MM WITH OUT H	3	FIBER	FIBER
4079	GASKET FIBER 040X49.2X1.3MM FOR GUIDE WI	8	metal	steel
4080	GASKET FIBER 7.8X14X1.18MM FOR LOCKING S	8	FIBER	FIBER
4081	GASKET TEFLON 017.3X27.7X2MM FOR BUSHING	8	TEFLON	TEFLON
4082	SEATS	8	TEFLON	TEFLON
4083	RING	6	metal	steel
4084	SEAL RING TYPE 6337 TEFLON	4	TEFLON	TEFLON
4085	THRUST BEARING DIA 38/62X5	4	metal	steel
4086	THRUST BEARING DIA 84/110X5	4	metal	copper
4087	SEAL RING	4	RUBBER	RUBBER
4088	PACKING TEFLON 50X66X7.2MM V-SHAPE 4PCS	4	TEFLON	TEFLON
4089	O-RING I.D 0079XTHK.3.5MM	4	RUBBER	RUBBER
4090	O-RING I.D 0075XTHK.3.5MM	8	RUBBER	RUBBER
4091	O-RING I.D 0050XTHK.5.3MM	12	RUBBER	RUBBER
4092	PACKING TEFLON 145X170X11MM V-SHAPE 10PC	13	TEFLON	TEFLON
4093	O-RING I.D 0147.5XTHK.7MM	22	RUBBER	RUBBER
4094	SEAL RING	10	RUBBER	RUBBER
4095	O-RING I.D 0168XTHK.7.2MM	16	RUBBER	RUBBER
4096	O-RING I.D 0187XTHK.6.8MM (RUBBER) TYPE	4	RUBBER	RUBBER
4097	AIR FILTER OD96XH220XNPT38MM MOD.576/N H	1	metal	steel
4098	FILTER SUCT.FILTER HOFLO01/002(OD66XID26	4	metal	steel
4099	OIL SEAL 142X168X12.7MM	4	RUBBER	RUBBER
4100	O-RING I.D 0185.6XTHK.3.5MM	12	RUBBER	RUBBER
4101	O-RING I.D 0144.6XTHK.5.4MM	4	RUBBER	RUBBER
4102	O-RING I.D 0147XTHK.7MM	8	RUBBER	RUBBER
4103	SEAL RING	4	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

Item No.	Description	Quantity	Material	Notes
4104	SEATS			
4105	THRUST BEARING D=115/165X5 MM	2	metal	steel
4106	SEAL RING	2	metal	steel
4107	O-RING I.D 0239XTHK.7MM	1	RUBBER	RUBBER
4108	O-RING I.D 0190XTHK.7MM	1	RUBBER	RUBBER
4109	O-RING I.D 0218XTHK.7.5MM	2	RUBBER	RUBBER
4110	O-RING I.D 0220XTHK.7.1MM (RUBBER) TYPE	1	RUBBER	RUBBER
4111	PACKING TEFLON 180X201X12MM V-SHAPE 4PCS	1	RUBBER	RUBBER
4112	OVER FLOW V/V R 1/2" COPPER NPTF 225C	1	TEFLON	TEFLON
4113	NEEDLE ANGLE V/V 1/2" NPTMX16MM HOSE NIP	1	metal	copper
4114	NEEDLE V/V 1/2" BRONZE NPTF	2	metal	stanless steel
4115	GASKET KIT FOR PNEUMATIC ACTUATOR FOR BA	2	metal	BRONZE
4116	GASKET KIT FOR PNEUMATIC OPERATED 3" TIT	4	RUBBER	RUBBER
4117	GASKET KIT FOR PNEUMATIC OPERATED 6" TIT	4	RUBBER	RUBBER
4118	WASHER O.D38XI.D27MM COPPER	4	RUBBER	RUBBER
4119	GASKET FIBER 151.3X180X2MM	12	metal	copper
4120	SNAP RING.	12	FIBER	FIBER
4121	SEAL RING	32	metal	steel
4122	GASKET LEATHER 094.5X148X4.1MM 8HOLE	12	metal	steel
4123	PACKING TEFLON 9.5X22.2X6.8MM V-SHAPE 6P	10	TEFLON	TEFLON
4124	GASKET SET TYPE DW1R 2900	2	GRAPHITE	GRAPHITE
4125	GROOVE PIN 2.5X17MM S.S TYPE DW1B 5992	3	metal	stanless steel
4126	GASKET TYPE DW1R 2860	2	GRAPHITE	GRAPHITE
4127	GROOVE PIN 3X24MM S.S TYPE DW1B 5996	4	metal	stanless steel
4128	PACKING TEFLON 12.8X25.4X7.3MM V-SHAPE 3	2	TEFLON	TEFLON
4129	DIAPHRAGM TYPE DW IF7022	2	RUBBER	RUBBER
4130	GASKET METAL 051.5X58.5X0.76 FOR BONET T	2	metal	steel
4131	GASKET METAL 051.5X58.5X0.75MM	2	metal	steel
4132	SIGHT FLOW NO 8859	2	metal	steel
4133	PACKING TEFLON 19X28.3X5.3MM U-SHAPE 4PC	1	electronics	BOX10
4134	O-RING I.D 29.7XTHK.3.0MM VITON	4	TEFLON	TEFLON
4135	O-RING I.D 19.18XTHK.2.46MM VITON	1	electronics	BOX10
4136	O-RING I.D 104.37XTHK.3.53MM VITON	1	electronics	BOX10
4137	O-RING I.D 75.8XTHK.3.53MM VITON	1	electronics	BOX10
4138	O-RING I.D 36XTHK.2.6MM VITON	1	electronics	BOX10
4139	O-RING I.D 23.47XTHK.2.62MM VITON	1	electronics	BOX10
4140	O-RING I.D 15.54XTHK.2.62MM VITON	1	electronics	BOX10
4141	O-RING I.D 15.6XTHK.1.78MM VITON	1	electronics	BOX10
4142	PISTON RING FOR ED 4"*4" 3/8NB	1	electronics	BOX10
4143	BACK UP RING FOR ET-ED 4"*4" 3/8	1	plastic	plastic
4144	SEAL RING FOR ET-ED 4"*4" 3/8	2	RUBBER	RUBBER
4145	PACKING FOR ET-ED 4"*4" 3/8	1	plastic	plastic
4146	SEAT RING FOR ET-ED 4"*4" 3/8	3	TEFLON	TEFLON
4147	SEAT	2	metal	stanless steel
4148	SPINDLE AND SEAT	2	TEFLON	TEFLON
4149	SPINDLE (LOWER BACK SEAT)	2	metal	copper
4150	BUSHING	9	metal	copper
4151	DIAPHRAGM SET O.D44MM COOPER & S.STEEL	5	metal	copper
4152	STEM (UPPER BLACK SEAT)	10	metal	stanless steel
4153	COMPRESSION SPRING WIRE DIA.2.2XO.D16.5X	16	metal	copper
4154	GASKET FIBER 054.7X81X1.6MM FOR CAP WITH	5	metal	steel
4155	GASKET FIBER 151.8X180X1.6MM FOR GUIDE W	4	FIBER	FIBER
4156	GASKET FIBER 020.6X27X1.6MM WITH OUT HOL	8	FIBER	FIBER
4157	GASKET FIBER 097.5X124.6X1.5MM NOOZLE WI	12	FIBER	FIBER
		4	FIBER	FIBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4158	SPRING CARBON STEEL 12KG/CM	1	metal	steel
4159	DISC 3-52	1	metal	steel
4160	GROOVE PIN 5X27MM FLAT END S.S FOR ET 8"	2	metal	stanless steel
4161	WAVE SPRING FOR V100-4"*4" NB	2	metal	steel
4162	SPRING PART 12A FOR CONTROL VALVE TYPE 1	2	metal	steel
4163	TRUST WASHER FOR V100-4"*4" NB.	2	metal	steel
4164	BALL SEAL FOR V100-4"*4" NB.	1	plastic	plastic
4165	O-RING FOR (V100) 4"X4" NB	1	RUBBER	RUBBER
4166	GASKET FOR (V100) 4"X4" NB	1	GRAPHITE	GRAPHITE
4167	SHIM SEAL (6PCS) FOR V100 4"*4" NB.	2	metal	steel
4168	PACKING FOR V100 4"*4" NB.	4	TEFLON	TEFLON
4169	TAPPER PIN 4.5X40MM S.S FOR V100-4"X4" N	2	metal	stanless steel
4170	SEAL RING PART 22A-8986 FOR CONTROL VLV.	2	TEFLON	TEFLON
4171	O-RING FOR (V100) 10"X10"	1	RUBBER	RUBBER
4172	GASKET FOR (V100) 10"X10"	1	GRAPHITE	GRAPHITE
4173	THRUST WASHER V100 10"*10"	2	metal	steel
4174	BALL SEAL FOR 100V 10"*10"NB	1	plastic	plastic
4175	SHIM SEAL FOR V100 10"*10" NB	24	metal	plastic
4176	TAPER PIN 4.5X55MM S.S FOR V100 10"X10"N	2	metal	stanless steel
4177	PACKING FOR V100 10"*10"	4	TEFLON	TEFLON
4178	VALVE SPRING FOR V100 10"*10" NB	2	metal	steel
4179	PACKING TEFLON 15.7X28.5X6.8MM V-SHAPE	2	TEFLON	TEFLON
4180	TAPER PIN 5X38MM	4	metal	steel
4181	PACKING TEFLON 9.5X22.2X7.3MM V-SHAPE	6	TEFLON	TEFLON
4182	GASKET METAL 035X41X0.76MM	2	metal	steel
4183	GASKET METAL 035X41X0.76MM	2	metal	steel
4184	PACKING GRAPHITE BRAIDED 28.5X45X6.8MM 9	5	GRAPHITE	GRAPHITE
4185	DISK	1	metal	steel
4186	O-RING I.D 0021XTHK.2.5MM	5	RUBBER	RUBBER
4187	O-RING I.D 0044XTHK.2.4MM	6	RUBBER	RUBBER
4188	SEALING RING	6	TEFLON	TEFLON
4189	TEFLON RING	5	TEFLON	TEFLON
4190	GASKET RUBBER O.D 150X1MM SPECIAL	4	RUBBER	RUBBER
4191	GASKET RUBBER 143X228X2MM	4	RUBBER	RUBBER
4192	PIVOT	4	metal	steel
4193	CLAPETS	4	metal	aluminum
4194	EYE BOLT 5MMX1" C.S	1	metal	steel
4195	SEAT RING	1	RUBBER	RUBBER
4196	O-RING I.D 0074XTHK.3.5MM	8	RUBBER	RUBBER
4197	O-RING I.D 0045XTHK.3.5MM	8	RUBBER	RUBBER
4198	O-RING I.D 0042.8XTHK.2.55MM	8	RUBBER	RUBBER
4199	SEAL RING	4	RUBBER	RUBBER
4200	Y-RING SEAL 2-227	8	RUBBER	RUBBER
4201	O-RING I.D 0024XTHK.3.5MM 2-131	8	RUBBER	RUBBER
4202	O-RING I.D 0042XTHK.2.6MM 2-214	8	RUBBER	RUBBER
4203	SEAL RING O.RING	4	RUBBER	RUBBER
4204	FLAT RING 2-125 (SPECIAL)	4	RUBBER	steel
4205	SEAL RING	1	RUBBER	steel
4206	DISK	1	metal	steel
4207	GASKET FOR EZ 1"X1/2"-1"X1/4"	4	metal	steel
4208	PACKING GRAPHITE 31.6X51X9.5MM 3PCS+ 5 B	2	GRAPHITE	GRAPHITE
4209	O-RING FOR (V100) NB 6 INCH	1	RUBBER	RUBBER
4210	GASKET FOR (V100) NB 6 INCH	1	plastic	plastic
4211	BALL SEAL FOR V100.6" NB.	1	plastic	plastic

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4212	SHIM SEAL12PCS FOR V100-6" NB.	24	metal	steel
4213	TAPER PIN 5X50MM S.S FOR V100-6"NB	2	metal	stanless steel
4214	PACKING FOR V100 NB.6"	1	TEFLON	TEFLON
4215	VALVE SPRING FOR V100-6" NB.	2	metal	steel
4216	THRUST WASHER FOR (V100)6"NB	2	metal	steel
4217	GASKET SOFT IRON 110X130X26MM PRESSURE S	2	metal	stanless steel
4218	GASKET METAL 034X41.1X1.75MM	4	metal	steel
4219	GASKET METAL 023.3X29.1X1.5MM	2	metal	steel
4220	GASKET FOR ED 3"X2" 5/16 NB	1	metal	steel
4221	PACK UP RING FOR ET-ED 3"*2" 5/16	1	RUBBER	RUBBER
4222	SEAL RING FOR ET-ED3"*2" 5/16	1	plastic	plastic
4223	SEAT RING FOR ET-ED 3"*2" 5/16	2	metal	stanless steel
4224	PACKING FOR ET3"*2" 5/16	6	metal	stanless steel
4225	PISTON RING FOR ED3"*2"5/16 NB	1	plastic	plastic
4226	GROOVE PIN 3X25MM S.S FOR ET 4"X2" 7/8 N	2	metal	stanless steel
4227	BACK UP RING FOR ET 4"*2" 7/8NB	1	RUBBER	RUBBER
4228	SEAL RING FOR ET 4"*2" 7/8 NB.	1	plastic	plastic
4229	STEM 1/2" FOR ET 4"*2" 7/8 NB	1	metal	stanless steel
4230	SEAT RING FOR ET 4"*2" 7/8 NB.	1	metal	stanless steel
4231	SEAT FOR ES 3"*2" 5/16 NB.	2	metal	stanless steel
4232	GROOVE PIN 2.2X14MM S.S FOR ES 3"X2" 5/1	2	metal	stanless steel
4233	PACKING FOR ES 3"*2" 5/16 NB	4	TEFLON	TEFLON
4234	GROOVE PIN 2.5X18MM S.S FOR EZ. 1"*1/2"	2	metal	stanless steel
4235	STEM 3/8" FOR EZ 1"*1/2" NB.	2	metal	stanless steel
4236	SEAT RING FOR EZ 1"*1/2" NB.	2	metal	steel
4237	PLUG FOR EZ 1"*1/2" NB	2	metal	stanless steel
4238	SEAT RING FOR EZ 1"*3/4" NB	2	metal	steel
4239	PLUG FOR EZ 1" *3/4" NB	2	metal	steel
4240	SEAT RING FOR EZ 1"*3/4" NB.	2	metal	steel
4241	PLUG FOR EZ 1"*3/4" NB.	2	metal	steel
4242	SEAT RING FOR ED 3" X 2" 5/16NB	2	metal	stanless steel
4243	GROOVE PIN 4.6X22MM FLAT END S.S MOD667-	2	metal	stanless steel
4244	SET OF PACKING MOD.667-EWT NB 8 INCH BW	1	TEFLON	TEFLON
4245	SET OF PACKING MOD.667-ED NB 6"BW	1	TEFLON	TEFLON
4246	GROOVE PIN 5X27MM FLAT END S.S MOD.667-E	2	metal	stanless steel
4247	SET OF PACKING MOD.667-ED NB 4INCH BW	1	TEFLON	TEFLON
4248	SEATS MOD.667-ED NB.4"BW	2	metal	stanless steel
4249	GROOVE PIN 3.2X24MM S.S MOD.667-ED NB.4"	2	metal	stanless steel
4250	TRIMS MOD.667-ED NB.4" BW	2	metal	stanless steel
4251	SEATS MOD.667-ES NB. 1/1/2" SW	1	metal	stanless steel
4252	GROOVE PIN MOD .667-ES NB.1 1/2" SW	2	metal	stanless steel
4253	TRMS MOD.667-ES NB. 1 1/2" SW	2	metal	stanless steel
4254	PLUGS MOD .667-ES NB 1 1/2" SW	1	metal	stanless steel
4255	RESILENT SEAT FOR BUTTERFLY VALVE 100MB	2	metal	Bronze
4256	SEAT RING FOR EZ 1"X 1 1/4 "	2	metal	stanless steel
4257	GROOVE PIN 2.3X18MM S.S FOR EZ 1"X1/4" N	2	metal	stanless steel
4258	STEM FOR EZ 1"*1/4" NB.	2	metal	stanless steel
4259	SEAT RING FOR EZ1"*3/8" NB.	2	metal	stanless steel
4260	GASKET FOR EZ 1"X3/4"-1"X3/8"	1	metal	steel
4261	PLUG FOR EZ 1"*3/8" NB.	2	metal	stanless steel
4262	PACKING FOR EZ 1"*3/8"-1"*1/4"	3	TEFLON	TEFLON
4263	GASKET FOR ET 6"X7" NB	1	metal	steel
4264	GROOVE PIN 5X27MM FLAT END S.S FOR ET 6"	2	metal	stanless steel
4265	GASKET FOR ET 6"X7"	5	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4266	PACKING FOR ET 6"*7"			
4267	BONNET GASKET FOR ET 3"x2" 7/8 NB	3	TEFLON	TEFLON
4268	GASKET FOR ET 3"x2" 7/8 NB	1	metal	steel
4269	BACK UP RING FOR ET3"*2" 7/8	6	metal	steel
4270	SEAT RING FOR ET 3"*2" 7/8	1	metal	stanless steel
4271	CONTROL GLOVE V/V 3" WC6 B.W WITH OUT AC	1	RUBBER	RUBBER
4272	PACKING FOR ET3"*2" 7/8 NB	1	metal	steel
4273	CIRCLIP	3	TEFLON	TEFLON
4274	GUIDE BUSH	4	metal	steel
4275	PACKING GRAPHITE 60X80X10MM CLOSED	1	metal	stanless steel
4276	CIRCLIP	4	GRAPHITE	GRAPHITE
4277	GUIDE BUSH	4	metal	steel
4278	S.W GASKET 408X428X4.5MM GRAPHITE FILLER	1	metal	stanless steel
4279	S.W GASKET 46.5X61.1X5MM GRAPHITE FILLER	4	GRAPHITE	GRAPHITE
4280	S.W GASKET 246.5X269X4.5MM GRAPHITE FILL	3	GRAPHITE	GRAPHITE
4281	S.W GASKET 175X192.5X5MM GRAPHITE FILLER	3	GRAPHITE	GRAPHITE
4282	DIPHRAGM O.D304MM WITH BOLT 10MM	4	GRAPHITE	GRAPHITE
4283	LINE DIAPHRAGM	1	metal	stanless steel
4284	DIAPHRAGM W68XL78 NW25	6	RUBBER	RUBBER
4285	LINE DIAPHRAGM	5	RUBBER	RUBBER
4286	SEAT	2	RUBBER	RUBBER
4287	SEAT	4	RUBBER	RUBBER
4288	LOWER STEM	2	RUBBER	RUBBER
4289	UPPER STEM	2	metal	stanless steel
4290	DISC	1	metal	stanless steel
4291	O-RING I.D 0041XTHK.3.5MM 2-223	2	metal	steel
4292	O-RING I.D 0028XTHK.3.5MM 2-216	4	RUBBER	RUBBER
4293	RESILIENT SEAT	12	RUBBER	RUBBER
4294	O-RING I.D 0027XTHK.2.5MM 2-114	4	RUBBER	RUBBER
4295	BUSHING	4	RUBBER	RUBBER
4296	O-RING I.D 0026XTHK.2.6MM 2-114	8	metal	BRONZE
4297	O-RING I.D 0015.5XTHK.2.5MM 2-114	3	RUBBER	RUBBER
4298	BUSHING	3	RUBBER	RUBBER
4299	RESILIENT SEAT	8	metal	BRONZE
4300	O-RING I.D 0021.5XTHK.2.6MM	4	RUBBER	RUBBER
4301	O-RING I.D 0009.5XTHK.2.6MM	4	RUBBER	RUBBER
4302	BUSHING	3	RUBBER	RUBBER
4303	RESILIENT SEAT	8	metal	BRONZE
4304	O-RING I.D 0047XTHK.3.5MM	4	RUBBER	RUBBER
4305	O-RING I.D 0045XTHK.3.5MM	4	RUBBER	RUBBER
4306	O-RING I.D 0058.7XTHK.3.5MM	4	RUBBER	RUBBER
4307	RESILIENT SEAT	4	RUBBER	RUBBER
4308	O-RING I.D 0049XTHK.3.5MM	4	RUBBER	RUBBER
4309	O-RING I.D 0034.5XTHK.3.4MM	2	RUBBER	RUBBER
4310	RESILIENT SEAT	2	RUBBER	RUBBER
4311	O-RING I.D 0040.5XTHK.3.5MM	2	RUBBER	RUBBER
4312	RESILIENT SEAT	4	RUBBER	RUBBER
4313	O-RING I.D 0024.5XTHK.3.5MM	4	RUBBER	RUBBER
4314	RESILIENT SEAT	12	RUBBER	RUBBER
4315	RING UM 4020	2	RUBBER	RUBBER
4316	RESILIENT SEAT	1	RUBBER	RUBBER
4317	بريش 30 بار	1	RUBBER	RUBBER
4318	SEATS	4	metal	steel
4319	GASKET TEFLON 048X53X2MM	16	TEFLON	TEFLON
		10	TEFLON	TEFLON

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4320	SEATS 40X52			
4321	GASKET TEFLON 069X74X2MM	8	TEFLON	TEFLON
4322	BALL V/V 3/4" MONEL NPTF	4	TEFLON	TEFLON
4323	GASKET TEFLON 23X44X5.5MM FOR END WITH O	1	metal	steel
4324	SEATS	2	TEFLON	TEFLON
4325	GASKET TEFLON 23X44X5.5MM FOR END WITH O	4	TEFLON	TEFLON
4326	SEATS	2	TEFLON	TEFLON
4327	GASKET TEFLON 065X70X2.1MM FOR BODY WITH	4	TEFLON	TEFLON
4328	GASKET TEFLON 012X18X2.3MM	4	TEFLON	TEFLON
4329	SEATS	8	TEFLON	TEFLON
4330	GASKET TEFLON 042X47X2MM FOR BODY WITH O	8	TEFLON	TEFLON
4331	SEATS	30	TEFLON	TEFLON
4332	GASKET TEFLON 26X31.6X2MM FOR BODY WITH	60	TEFLON	TEFLON
4333	O-RING I.D 0115XTHK.3.4MM (RUBBER)	5	TEFLON	TEFLON
4334	SEATS	2	RUBBER	RUBBER
4335	SEATS	4	TEFLON	TEFLON
4336	GASKET TEFLON 042X47X2MM FOR BODY WITH O	4	TEFLON	TEFLON
4337	BALL V/V 3/4" 500 BRONZE NPTF	3	TEFLON	TEFLON
4338	GASKET FIBER 222.7X247.3X3.7MM	2	metal	BRONZE
4339	O-RING I.D 0062.5XTHK.3.5MM	4	FIBER	FIBER
4340	O-RING I.D 0053.5XTHK.3.53MM	2	RUBBER	RUBBER
4341	O-RING I.D 0148.6XTHK.7MM	2	RUBBER	RUBBER
4342	GASKET SOFT IRON 168X190X28MM PRESSURE 5	2	RUBBER	RUBBER
4343	S.W GASKET 162.3X184.3X3.6MM ASB FILLER	2	metal	steel
4344	S.W GASKET 219.3X245X3.6MM ASB FILLER	2	metal	steel
4345	S.W GASKET 410X438X5MM	4	metal	steel
4346	S.W GASKET 334X381X5MM ASB FILLER	2	metal	steel
4347	S.W GASKET 286.6X323.8X5MM ASB FILLER	4	metal	steel
4348	PACKING GRAPHITE BRAIDED 45X65X10MM WITH	2	metal	steel
4349	SAFETY RELIEF V/V 1/2" 12 BAR	40	GRAPHITE	GRAPHITE
4350	DISC	1	metal	bronze
4351	DISC	4	metal	steel
4352	GASKET ASBESTOS 021X27X1.7MM FOR LOCKING	1	metal	stanless steel
4353	nozzle (seat)	6	metal	steel
4354	COMPRESSION SPRING WIRE DIA.6XO.D34XL71M	3	metal	stanless steel
4355	DISC	4	metal	steel
4356	COMPRESSION SPRING WIRE DIA.3.7XO.D30XL5	5	metal	steel
4357	BONNET GASKET	4	metal	steel
4358	DISC	4	metal	steel
4359	RUBBER BLOCK	2	metal	stanless steel
4360	رونديلات ستانلس 3x30 ملم	17	RUBBER	RUBBER
4361	حلقات عزل من الكربون	24	metal	stanless steel
4362	RONDELLA	2	plastic	plastic
4363	OPTICS TROBE	2	TEFLON	TEFLON
4364	POWER SUPPLY	2	tool	tool
4365	SPACIAL SCREW D/A 1/4"	2	plastic	plastic
4366	GASKET METAL 164X215X1.25MM	4	metal	steel
4367	ELBOW 1" 40S 316 WP B.W 90 DEG. L.R	3	metal	steel
4368	OIL FILTER 70X132MM	4	metal	stanless steel
4369	CONICAL SPRING DIA.0.4XO.D2.5-5XL9MM 10	4	metal	steel
4370	CONICAL SPRING DIA.0.3XO.D2.5-5XL9MM 10	8	metal	steel
4371	LENTOID SPRING 37R 52-026277	8	metal	steel
4372	VALVE RING 37R 60-128560B	16	metal	steel
4373	LENTOID SPRING 37R 51-072568	8	metal	steel
		16	metal	steel

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4374	VALVE RING 37R 60-128560A	8	metal	steel
4375	GLAND SEAL RING SPRING	4	metal	steel
4376	FLANGE 1 INCH	2	metal	steel
4377	SEAL RING FOR NON RETURN VALVE 225	2	metal	steel
4378	BLADDER FOR ACCUMULATOR SIZE 10 LITERS	2	RUBBER	RUBBER
4379	OIL FILTER 100X215MM	1	metal	steel
4380	MALE WASHER D 27	5	metal	steel
4381	DEGREASING	10	metal	steel
4382	FITTINGS 3.1.2	1	metal	steel
4383	JAW HALF COUPLING O.D55XSHAFT14MM ALLUMI	1	metal	aluminum
4384	STUD BOLT 10X102MM	4	metal	copper
4385	SET OF GASKET	2	RUBBER	RUBBER
4386	GASKET TEFLON 060X65X6MM	1	TEFLON	TEFLON
4387	STOP RING	1	metal	steel
4388	BUSHING 75/8	1	metal	steel
4389	RING (TEFLON)	5	plastic	plastic
4390	BUSHING 9.5	2	metal	steel
4391	GASKET METAL 080X108X1.1MM	2	metal	steel
4392	THRUST COOLERS	1	metal	steel
4393	PACKING GRAPHITE 36X65X16MM 6PCS CLOSED	2	GRAPHITE	GRAPHITE
4394	SET OF O.RING NEW	8	RUBBER	RUBBER
4395	SET OF O.RING FOR FHP NEW	8	RUBBER	RUBBER
4396	SAFETY V/V 3/4" PN 40 180C 12BAR	2	metal	steel
4397	GATE V/V 1/2" BRASS NPTF	1	metal	brass
4398	OIL LEVEL GLASS AM/109	2	Glass	Glass
4399	SET OF O.RING FSI NEW	6	RUBBER	RUBBER
4400	ALEN KEY BOLT 27X060MM FOR SUPPORT KEY	4	metal	steel
4401	SCREW DIA 10 P.21	4	metal	steel
4402	SCREW DIA 14 P.21	2	metal	steel
4403	STUD BOLT 27X160MM (SPECIAL)	1	metal	steel
4404	SET OF O.RING FRI NEW	6	RUBBER	RUBBER
4405	RUBBER PAD FOR COUPLING 42X98X21MM 8 PET	7	RUBBER	RUBBER
4406	SET OF O-RING FOR FSI-100-B-M125-V-FV	8	RUBBER	RUBBER
4407	SET OF O-RING FOR FILTER FR1-250-B-T-10-	12	RUBBER	RUBBER
4408	SET OF O-RING FOR FILTER FHP-135-2-B-25	20	RUBBER	RUBBER
4409	SET OF O-RING FOR FILTER FHP-135-1-B-10	1	RUBBER	RUBBER
4410	SET OF O-RING FOR FILTER FHP-320-2-B-25	3	RUBBER	RUBBER
4411	SAFETY V/V PN.10 (8KG/CM2) BRASS NPTF	1	metal	brass
4412	PLUGS DN-3/8 IN GC FE 42A 81/11	3	metal	steel
4413	WASHER O.D21XI.D10.3MM C.S	3	metal	steel
4414	SPACER RING P-CUZN39A4 75/14	1	metal	copper
4415	STUD BOLT 18X070MM	4	metal	BRONZE
4416	JAW COUPLING O.D80XSHAFT38/19XL128MM	1	metal	aluminum
4417	O-RING I.D 0109XTHK.5.5MM	1	RUBBER	RUBBER
4418	O-RING I.D 0187.3XTHK.6.99MM	6	RUBBER	RUBBER
4419	O-RING I.D 0214XTHK.6.8MM	3	RUBBER	RUBBER
4420	O-RING I.D 0235XTHK.7MM	3	RUBBER	RUBBER
4421	O-RING I.D 0226XTHK.7MM	3	RUBBER	RUBBER
4422	GUIDE RING	1	metal	steel
4423	O-RING I.D 0016.5XTHK.2.55MM 3068	4	RUBBER	RUBBER
4424	O-RING I.D 00323XTHK.3.53MM	2	RUBBER	RUBBER
4425	EMERGENCY SEAL DIA-278/10	2	RUBBER	RUBBER
4426	O-RING I.D 0098XTHK.3.5MM 43B7	3	RUBBER	RUBBER
4427	O-RING I.D 0089XTHK.3MM	4	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4428	INTERNAL CIRCLIP O.D44MM	2	metal	steel
4429	SHAFT SEAL	2	RUBBER	RUBBER
4430	SEALING & PACKING RINGS BOSCH 517 010 190	2	RUBBER	RUBBER
4431	O-RING I.D 01540XTHK.7MM ITROD.BODY F. J	2	RUBBER	RUBBER
4432	CONTROL SERVOMOTOR END COVER SHAFT O-RIN	2	RUBBER	copper
4433	CONTROL SERVOMOTOR SHAFT SEAL 60X70X40MM	2	RUBBER	RUBBER
4434	CONTROL SERVOMOTOR PISTON O-RING	3	RUBBER	RUBBER
4435	SEAL KIT	2	RUBBER	RUBBER
4436	SEAL KIT	2	RUBBER	RUBBER
4437	SEAL KIT	4	RUBBER	RUBBER
4438	SEAL KIT	2	RUBBER	RUBBER
4439	SEAL KIT	2	RUBBER	RUBBER
4440	قاعدة ضابطة مطاطية	3	RUBBER	RUBBER
4441	GASKET METAL 020X23.7X1.4MM	3	metal	steel
4442	STRainer	2	metal	steel
4443	GASKET FIBER 0430X280X306X460X2MM OVAL	3	FIBER	FIBER
4444	VALVE AISI-440F FOR TRAP	1	metal	stanless steel
4445	SEAT	1	metal	stanless steel
4446	GASKET FIBER 108X130X0.77MM WITH OUT HOL	14	FIBER	FIBER
4447	BUCKET	1	metal	steel
4448	VALVE LEVER	2	metal	steel
4449	SEAT	1	metal	steel
4450	S.W GASKET 32.8X39X3.5MM ASB FILLER	19	metal	steel
4451	CARTRIDGE FOR (Y)STRAINER 3/4 INCH ANSI	6	metal	steel
4452	S.W GASKET 32.8X39X3.5MM ASB FILLER	6	metal	steel
4453	STRAINER BASKET O.D22XL60MM S.STEEL	2	metal	stanless steel
4454	GASKET FOR 1 INCH (Y)STRAINER	8	metal	steel
4455	SCREEN FOR 1 INCH (Y)STRAINER	2	metal	steel
4456	GASKET FIBER 125X145X2.2MM - 4" Y-STRINR	4	FIBER	FIBER
4457	S.W GASKET 57X73.5X3.8MM ASB FILLER	24	metal	steel
4458	S.W GASKET 68.5X81.1X3.7MM ASB FILLER	4	metal	steel
4459	SUPPORT	2	metal	steel
4460	SPLIT COTTER PIN 0.6X8MM S.S	2	metal	stanless steel
4461	SCREW 4X011MM S.S	2	metal	stanless steel
4462	SEAT	2	metal	steel
4463	STEEM TRAP NPTF 1/2" 190BAR	1	metal	stanless steel
4464	THERMOSTATIC ELEMENT	2	metal	steel
4465	SUPPORT	2	metal	steel
4466	SEAT	2	metal	steel
4467	BALL FLOAT	2	metal	steel
4468	GASKETS INCUDED SHAFT SEAL O-RINGS	2	RUBBER	RUBBER
4469	RUBBER JOINT RING FOR 200MM. ID=190MM. D	3	RUBBER	RUBBER
4470	RUBBER JOINT RING FOR 500MM. ID=460MM.D1	4	RUBBER	RUBBER
4471	RUBBER JOINT RING FOR 1500MM.ID=1390MM.D	2	RUBBER	RUBBER
4472	RUBBER JOINT RING FOR 1600MM ID=1480MM D	2	RUBBER	RUBBER
4473	RUBBER JOINTING RING FOR 200MM ID=1860MM	1	RUBBER	RUBBER
4474	"O" CORD NEOPRENE	14	RUBBER	RUBBER
4475	"O" CORD NEOPRENE	16	RUBBER	RUBBER
4476	"O" CORD NEOPRENE	12	RUBBER	RUBBER
4477	MOUNTING BOLTS P.33	12	metal	copper
4478	"D" CORD NEOPRENE	11	RUBBER	RUBBER
4479	COMPRESSION SPRING WIRE DIA.2.5X0.D16XL6	7	metal	steel
4480	FLOAT INSP. DOOR GASKET	2	metal	steel
4481	GASKET FIBER 243X357X1.5MM-VACUM TK COVE	2	FIBER	FIBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4482	O-RING I.D 02095XTHK.12MM	19	RUBBER	RUBBER
4483	COND.EXTR P/P MOTOR OIL LEVEL GLASS	2	Glass	Glass
4484	CARTRIDGE ELEMENT TYPE 1/L 3050	4	metal	steel
4485	GASKET TEFLON 018X24X2.7MM WITH OUT HOLE	5	TEFLON	TEFLON
4486	DISC PLATE	6	metal	steel
4487	MECHANICAL SEAL CRANE S8B COMPLETE	1	metal	steel
4488	FLEXIBLE COUPLING PADS	1	RUBBER	steel
4489	OPTICAL DIFFERENTIAL-PRESSURE INDICATOR	2	metal	steel
4490	CYLINDRICAL ROLLER BEARING	2	metal	
4491	RELIEF V/V DBDS-20K11/180B	1	metal	
4492	BLADDER 10 LTR	3	RUBBER	RUBBER
4493	SEAL 160X180X07MM TEFLON	14	TEFLON	TEFLON
4494	SEAL KIT	7	TEFLON	TEFLON
4495	GAS V/V FOR BLADDER	4	metal	
4496	CONICAL SPRING DIA.0.3XO.D2-5XL9MM 10 CO	12	metal	steel
4497	SPRING PLATES 52026277/51072568 O.D37.7X	20	metal	steel
4498	SHIM 8.2 X 12 X 0.2	10	metal	steel
4499	PLAIN BEARING BUSH	2	metal	
4500	O-RING I.D 0072XTHK.2.5MM	4	RUBBER	RUBBER
4501	SEAL RING 510 X 3 O.RING	4	metal	steel
4502	O-RING I.D 0017.5XTHK.2.5MM	4	RUBBER	RUBBER
4503	NEEDLE BUSHING	2	metal	
4504	CONICAL SPRING DIA.0.83XO.D8-13XL8.2MM 4	4	metal	
4505	EXTENSION SPRING WIRE DIA.1XO.D5.5XL33.6	4	metal	
4506	PLAIN BEARING BUSH	2	metal	
4507	PLAIN BEARING BUSH	2	metal	
4508	O-RING I.D 0051XTHK.2.5MM	6	RUBBER	RUBBER
4509	SNAP RING	11	metal	steel
4510	DEEP GROOVE BALL BEARING 618/8	2	metal	
4511	COMPRESSION SPRING WIRE DIA.1XO.D8.4XL27	2	metal	
4512	PLAIN BEARING BUSH	3	metal	
4513	O-RING I.D 0095XTHK.2.5MM	2	RUBBER	RUBBER
4514	O-RING I.D 0031XTHK.2.5MM	4	RUBBER	RUBBER
4515	O-RING I.D 0010.5XTHK.1.5MM	6	RUBBER	RUBBER
4516	BUSHING	2	metal	steel
4517	PLAIN BEARING BUSH	2	metal	copper
4518	HELICAL GEAR WITH SHAFT	1	metal	
4519	EXTENSION SPRING WIRE DIA.0.8XO.D6.5XL28	3	metal	
4520	SHAFT	1	metal	steel
4521	SEAT	4	metal	steel
4522	SCREW (FIBER), THK. 10MM X L 7MM	1	FIBER	FIBER
4523	SAFETY WASHER I.D19MM COPPER	6	metal	copper
4524	SAFETY WASHER O.D82XI.D56.7MM S.S	2	metal	stanless steel
4525	O-RING I.D 0213XTHK.3.5MM TYPE 01061032	1	RUBBER	RUBBER
4526	O-RING I.D 0211XTHK.2.4MM TYPE 01061032	1	RUBBER	RUBBER
4527	CROSS HEAD BOLT BEARING	2	metal	steel
4528	AIR FILTER OD238XH150MM	1	metal	steel
4529	CYLINDER COVER SEALING OF I.T 510X510X1	6	metal	steel
4530	GASKET TEFLON 012X18X3.0MM FOR BOTTLES R	7	TEFLON	TEFLON
4531	EXPANSION VALVE	1	metal	steel
4532	GASKET TEFLON 140X210X3MM - VAPOR HEAD W	2	TEFLON	TEFLON
4533	CO2 TANK MANHOLE GASKET (15N-2.1.8.6)	2	GRAPHITE	GRAPHITE
4534	GLASS PANES 8x210MM.	4	Glass	Glass
4535	COUPLING PAD W25/30XH14XL15MM	2	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4536	GRUB SCREW 16X35MM INTER.SLEEVE BEARING	8	metal	copper
4537	MICA FOR KLINGER B1 X 340 X340.15	88	MICA	plastic
4538	MICA FOR KLINGER BV 111 320X340.15	72	MICA	plastic
4539	RETAINING PIN 9X60MM OUTER RING / GOV. E	3	metal	steel
4540	RETAINING SCREW 6X17MM	24	metal	steel
4541	SHIM PLATE FOR GUIDE BEARING COVER	1	metal	steel
4542	EXTERNAL CIRCLIP I.D 36MM	2	metal	steel
4543	PACKING TEFLON 9.5X22.2X6.8MM V-SHAPE 6/	10	TEFLON	TEFLON
4544	GROOVE PIN 2X20MM S.S TYPE DK1 1B5993	4	metal	steel
4545	RETAINING PIN 9X67MM (INNER + OUTER)RING	4	metal	steel
4546	GASKET D740/640X1	1	metal	steel
4547	GLAND SEAL RING RETAINING PIN 9x150	2	metal	steel
4548	GASKET TEFLON 066X71X2.5MM TY MP-1-026-5	1	TEFLON	TEFLON
4549	GASKET TEFLON 066X71X1.4MM TY 400-025-44	1	TEFLON	TEFLON
4550	O-RING I.D 0012.5XTHK.1.8MM TYPE 2050	1	RUBBER	RUBBER
4551	O-RING I.D 0065XTHK.2.6MM TYPE 3106	1	RUBBER	RUBBER
4552	O-RING I.D 0040XTHK.3.53MM TYPE 145	2	RUBBER	RUBBER
4553	O-RING I.D 0098.5XTHK.3.53MM TYPE 4387	2	RUBBER	RUBBER
4554	O-RING I.D 0033XTHK.1.76MM TYPE 4137	1	RUBBER	RUBBER
4555	O-RING I.D 0044.5XTHK.2.5MM TYPE 4081	1	RUBBER	RUBBER
4556	O-RING I.D 0020XTHK.3.3MM	1	RUBBER	RUBBER
4557	GASKET FIBER 220X253X3MM-TPE 73518918-4	1	FIBER	FIBER
4558	GASKET FIBER 220X253X3MM TPE 75318.902.4	1	FIBER	FIBER
4559	PACKING TEFLIN 9X9 MM (ROPE)	1	TEFLON	TEFLON
4560	O-RING I.D 0124XTHK.3.5MM TYPE 3107	1	RUBBER	RUBBER
4561	O-RING I.D 0047XTHK.5.3MM TYPE 155	2	RUBBER	RUBBER
4562	O-RING I.D 0050XTHK.3.6MM TYPE 4475	1	RUBBER	RUBBER
4563	O-RING I.D 0065XTHK.2.5MM TYPE 2050	1	RUBBER	RUBBER
4564	O-RING I.D 0026.5XTHK.2.6MM TYPE 3106	1	RUBBER	RUBBER
4565	O-RING I.D 0012.2XTHK.1.8MM TYPE 145	1	RUBBER	RUBBER
4566	O-RING I.D 0088XTHK.2.5MM (RUBBER) NP 12	1	RUBBER	RUBBER
4567	O-RING I.D 0090XTHK.2.6MM TYPE 144	1	RUBBER	RUBBER
4568	GASKET TEFLON 090X95X1.5MM TYPE BR5153 W	2	TEFLON	TEFLON
4569	O-RING I.D 0012.8XTHK.1.8MM TYPE 153	1	RUBBER	RUBBER
4570	O-RING I.D 0012.2XTHK.1.8MM	1	RUBBER	RUBBER
4571	GASKET TYPE PR-15-2H	1	metal	steel
4572	O-RING I.D 0031XTHK.3.4MM (RUBBER) CB-15	1	RUBBER	RUBBER
4573	GASKET TYPE RG-2AHL-103	4	metal	steel
4574	O-RING I.D 0037.5XTHK.3MM	5	RUBBER	RUBBER
4575	O-RING I.D 0028.5XTHK.2.8MM TYPE P3-920	5	RUBBER	RUBBER
4576	O-RING I.D 0029.5XTHK.3MM TYPE P3.916	5	RUBBER	RUBBER
4577	O-RING I.D 0023.2XTHK.2.5MM TYPE 3093	6	RUBBER	RUBBER
4578	SAFETY V/V 1/2" BRASS 225C NPTF	1	metal	copper
4579	BALL	2	metal	steel
4580	FLOAT	2	metal	steel
4581	SPILL VALVE SEAT	4	metal	steel
4582	VALVE BALL DIAM. 11 ST.GEH	4	metal	steel
4583	CARTR T25C PUMP 017	2	metal	steel
4584	O-RING I.D 0013XTHK.2.5MM	2	RUBBER	RUBBER
4585	COMPRESSION SPRING WIRE DIA.1XO.D13.5XL6	2	metal	steel
4586	VALVE DISC	2	metal	steel
4587	RELIEF V/V VD4-W1-G/20/19MM NPTF	1	metal	steel
4588	COMPRESSION SPRING WIRE DIA.0.8XO.D13.5X	2	metal	steel
4589	O-RING I.D 0030.5XTHK.3.5MM	4	RUBBER	RUBBER

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4590	VALVE DISC	2	metal	steel
4591	COMPRESSION SPRING WIRE DIA.2.7XO.D14XL3	2	metal	steel
4592	O-RING I.D 0026.5XTHK.1.76MM	4	RUBBER	RUBBER
4593	O-RING I.D 0013.2XTHK.2.6MM	4	RUBBER	RUBBER
4594	VALVE DISC	2	metal	steel
4595	O-RING I.D 0031.5XTHK.3.5MM TYPE W2/G/20	6	RUBBER	RUBBER
4596	O-RING I.D 0020XTHK.2.5MM TYPE RQ5P5/2-/	5	RUBBER	RUBBER
4597	O-RING I.D 0017.5 X TH. 2.5MM TYPE RQ5P5	5	RUBBER	RUBBER
4598	O-RING I.D 0007.9XTHK.1.4MM TYPE RQ5P5/2	10	RUBBER	RUBBER
4599	O-RING FOR TYPE RQ5P5/20/V	5	RUBBER	RUBBER
4600	O-RING I.D 0009.2XTHK.2.6MM TYPE RQ5P5/2	5	RUBBER	RUBBER
4601	O-RING I.D 0017XTHK.1.74MM TYPE RQ5P5/20	5	RUBBER	RUBBER
4602	O-RING I.D 0016.8XTHK.1.76MM RQA5P5/1/20	5	RUBBER	RUBBER
4603	O-RING I.D 0026.2XTHK.1.76MM TYPE RQASP5	5	RUBBER	RUBBER
4604	O-RING I.D 0030XTHK.2.5MM RQA5P5/1/20/V	5	RUBBER	RUBBER
4605	O-RING I.D 0036XTHK.3.53MM RQA5P5/1/20/V	5	metal	copper
4606	O-RING I.D 0020XTHK.3.5MM TYPE RQA5P5/1/	5	RUBBER	RUBBER
4607	O-RING I.D 0010XTHK.2.5MM TYPE RQA5P5/1/	5	RUBBER	RUBBER
4608	O-RING I.D 0009.4XTHK.2.6MM RQ35P/20/V	5	RUBBER	RUBBER
4609	O-RING I.D 0020XTHK.3.5MM TYPE RQ35P/20/	5	RUBBER	RUBBER
4610	O-RING I.D 0017.5XTHK.1.8MM TYPE RQ35P/2	5	RUBBER	RUBBER
4611	O-RING I.D 0036.3XTHK.2.6MM TYPE RQ35P/2	6	RUBBER	RUBBER
4612	ALEN KEY BOLT 14X030MM (SAME AS 2606778)	8	metal	steel
4613	ALEN KEY BOLT 20X038MM	6	metal	steel
4614	STUD BOLT 20X085MM	4	metal	steel
4615	CALIBRATED STUD BOLT 23X100MM	4	metal	steel
4616	NUTS M20	4	metal	steel
4617	PISTON RINGS	3	metal	steel
4618	CYLINDER BODY SEAL RING OR176+BK	3	RUBBER	RUBBER
4619	O-RING I.D 0030XTHK.3.4MM (RUBBER) TYPE	9	RUBBER	RUBBER
4620	O-RING I.D 0133XTHK.3.4MM RUBBER	9	RUBBER	RUBBER
4621	SPRING WASHER O.D41.7XI.D28MM C.S	10	metal	steel
4622	O-RINGS POS.NO 2.1	5	RUBBER	RUBBER
4623	FLAT WASHER D27	20	metal	steel
4624	GASKET METAL 024X38.2X6.1MM TYPE 620-820	1	metal	steel
4625	TEFLON RING RH INTERCEPTOR VLV. SERVOMOT	1	TEFLON	TEFLON
4626	TEFLON RING RH INTERCEPTOR VLV. SERVOMOT	1	TEFLON	TEFLON
4627	O-RING I.D 0015.5XTHK.1.7MM 2062 RH INT.	1	RUBBER	RUBBER
4628	O-RING I.D 0106XTHK.3.4MM 4412 RH INT.SE	1	RUBBER	RUBBER
4629	O-RING I.D 0077XTHK.3.4MM 4300 RH INT.SE	1	RUBBER	RUBBER
4630	O-RING I.D 0028XTHK.3.4MM 4112 RH INT.SE	1	RUBBER	RUBBER
4631	SPRING WASHER O.D44XI.D25MM C.S	7	metal	steel
4632	ELBOW 1" SCH.40 A234 WPB B.W 45 DEG.	2	metal	steel
4633	GLASS PROTECT SHEET	565	Glass	Glass
4634	GASKET FIBER 014X295X34X320MM FOR LEVEL	30	FIBER	FIBER
4635	GASKET FIBER 014X205X34X280MM FOR LEVEL	56	FIBER	FIBER
4636	O-RING I.D 0220XTHK.7MM	1	RUBBER	RUBBER
4637	CHECK VALVE ADR-25 NPTF	1	metal	steel
4638	PACKING TEFLON 9.5X22.2X6.8MM V-SHAPE 5P	4	TEFLON	TEFLON
4639	GASKET METAL 034.8X41.2X0.7MM	8	metal	steel
4640	VALVE PLUG AND STEM	2	metal	steel
4641	GASKET METAL 050.9X58.7X0.8MM	12	RUBBER	RUBBER
4642	RING BACKUP DIA. 31X38	24	metal	steel
4643	O-RING I.D 0031.5XTHK.3.25MM	16	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4644	PISTON CAP 1F9180 1401	2	metal	copper
4645	O-RING I.D 0030XTHK.3.5MM	8	RUBBER	RUBBER
4646	PACKING TEFLON 12.6X25.3X5.3MM V-SHAPE 6	4	TEFLON	TEFLON
4647	GASKET METAL 050.9X58.7X0.8MM	2	metal	steel
4648	VALVE PLUG & STEM 2F1413 000A	1	metal	stanless steel
4649	GASKET METAL 034.8X41.2X0.7MM	2	metal	steel
4650	VALVE SEATING 1B5100 4605	2	metal	stanless steel
4651	DIAPHRAGM ROD DIA. 19X303	1	metal	steel
4652	O-RING I.D 0016XTHK.2.5MM	14	RUBBER	RUBBER
4653	O-RING I.D 0019XTHK.2.4MM	20	RUBBER	RUBBER
4654	O-RING I.D 0021.3XTHK.1.76MM 4 STP V/V S	6	RUBBER	RUBBER
4655	O-RING EH	24	RUBBER	RUBBER
4656	TEFLON EH	83	TEFLON	TEFLON
4657	RING TEFLON TYPE BK4112 FOR SHUT VALVE T	50	TEFLON	TEFLON
4658	O-RING I.D 0015XTHK.2.5MM VITON	64	RUBBER	RUBBER
4659	O-RING I.D 0028XTHK.3.5MM	40	RUBBER	RUBBER
4660	FIBER GLASS CLOTH 10CMX150M	5	FIBER	FIBER
4661	CERAMIC/INCONEL CLOTH(FABRIC REINFORCED	300	CERAMIC	CERAMIC
4662	LOCK NUT	2	metal	steel
4663	FEMALE WASHER Q:42	11	metal	steel
4664	GAS NON-RETURN VALVE	4	metal	copper
4665	GRUB SCREW 6X6MM	4	metal	steel
4666	PISTON O-RING	2	RUBBER	RUBBER
4667	O-RING I.D 0030XTHK.2.5MM	5	RUBBER	RUBBER
4668	SCREW 4X015MM	8	metal	steel
4669	PISTON RING DIA. 236X8	1	metal	stanless steel
4670	GASKET FIBER 400X560X2.1MM 14HOLE	1	FIBER	FIBER
4671	O-RING I.D 4625XTHK.7MM	1	RUBBER	RUBBER
4672	O-RING I.D 6265XTHK.7MM	1	RUBBER	RUBBER
4673	O-RING I.D 5870XTHK.7MM	1	RUBBER	RUBBER
4674	O-RING I.D 0110XTHK.5MM	1	RUBBER	RUBBER
4675	O-RING I.D 0080XTHK.5MM	1	RUBBER	RUBBER
4676	O-RING I.D 0072XTHK.5MM	1	RUBBER	RUBBER
4677	GASKET COPPER 028X32X1.1MM	1	metal	copper
4678	O-RING I.D 0300XTHK.7MM (81200)	2	RUBBER	RUBBER
4679	STRAINER GARIDYE 2 1/2 600 ANSI	1	metal	stanless steel
4680	STRAINER SCREEN DIA. 1.5"X110MM	4	metal	stanless steel
4681	SEAT.	4	metal	stanless steel
4682	NEEDLE V/V 1/4" 5000 S.S NPTF 3852 F4Y	3	metal	stanless steel
4683	STRAINER GARTRIDGE 2 INCH 600ANSI	1	metal	stanless steel
4684	STRAINER CARTRIDGE 1 INCH 600ABSI	3	metal	steel
4685	S.W GASKET 41X49X3.6MM ASB FILLER	7	metal	steel
4686	BUSH TYPE : PG 55 60 20 F	2	metal	steel
4687	STOP PIN-P.4 10X20MM	10	metal	steel
4688	BUSH	2	metal	steel
4689	STOPWITH DRAW SPRING AND CLAMPING SLEEVE	1	metal	steel
4690	RUBBER BASE FOR OIL VAPOR EXT.	4	RUBBER	RUBBER
4691	SHAFT KEY D. 39X6X6	2	metal	steel
4692	GASKET METAL 035X44X2MM	26	metal	steel
4693	S.W GASKET 1" 3/600 OUTER RING ASB FILLE	2	metal	steel
4694	SNAP RING 59MM .OUT.	3	metal	steel
4695	GASKET RUBBER 376X416X2MM	6	RUBBER	RUBBER
4696	GASKET RUBBER 326X366X2MM	6	RUBBER	RUBBER
4697	FILTER 2 1/2" (OD76XIDH164)MM S.S	1	metal	stanless steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4698	FILTERING ND 3" (OD89XID87XH173)MM S.S	1	metal	stanless steel
4699	FILTER ND 6" (OD160XID157XH262)MM S.S	1	metal	stanless steel
4700	COMPRESSION SPRING WIRE DIA.3XO.D30XL188	1	metal	steel
4701	ALEN KEY BOLT 04X012MM	12	metal	steel
4702	BUSH FOR PIPE FITTING	16	metal	steel
4703	O-RING I.D 0480XTHK.12.5MM RUBBER	8	RUBBER	RUBBER
4704	GASKET RUBBER 056X107X3.1MM 4HOLE	5	RUBBER	RUBBER
4705	O-RINGS DIA. 49X5.5	5	RUBBER	RUBBER
4706	O-RING I.D 0350XTHK.6.8MM (RUBBER)	6	RUBBER	RUBBER
4707	WASHER I.D13MM COPPER	32	metal	copper
4708	WASHER I.D15 C.S	50	metal	steel
4709	WASHER I.D19MM COPPER	24	metal	copper
4710	RUBBER PADS OF FLEXIBLE COUPLING 24X22X1	18	RUBBER	RUBBER
4711	RACKING DIA. 490 (O-RING)	2	RUBBER	RUBBER
4712	SEAL RING QI 1410 FOR V/V 1500	1	RUBBER	RUBBER
4713	SEAL RING DIA 1714	2	RUBBER	RUBBER
4714	O-RING I.D 0235XTHK.6.8MM	2	RUBBER	RUBBER
4715	PAKING DIA. 190 (O-RING)	4	RUBBER	RUBBER
4716	O-RING I.D 0215XTHK.7.0MM	2	RUBBER	RUBBER
4717	PAKING DIA. 222 (O-RING)	2	RUBBER	RUBBER
4718	TAPPET	2	metal	stanless steel
4719	COMPRESSION SPRING WIRE DIA.SXO.D27XL50M	5	metal	steel
4720	O-RING I.D 0050XTHK.3MM	4	RUBBER	RUBBER
4721	GASKET RUBBER 0191X211X5.4MM	16	RUBBER	RUBBER
4722	GLASS PIPES DIA 34X2.8X200	9	Glass	Glass
4723	PLASTIC HOSE D 40X30X100 TRANSP	8	plastic	plastic
4724	ORIFICE FOR EMERGENCY SOLENOID VALVE	2	metal	stanless steel
4725	ORIFICE FOR RH INITERCEPTOR VALVE SERVOM	2	metal	stanless steel
4726	ORIFICE FOR RH STOP VALVE SERVOMOTOR	2	metal	stanless steel
4727	ORIFICE FOR EMERGENCY SOLENOID VALVE	2	metal	stanless steel
4728	ORIFICE FOR EMERGENCY SOLENOID VALVE	2	metal	steel
4729	ORIFICE FOR SAFETY DEVICE	2	metal	copper
4730	ORIFICE FOR TRIP OIL VALVE	2	metal	stanless steel
4731	ADJUSTMENT GASKET KIT FOR THRUST BEARING	1	plastic	plastic
4732	O-RING I.D 0050XTHK.3.5MM	1	RUBBER	RUBBER
4733	O-RING I.D 0043XTHK.3MM	1	RUBBER	RUBBER
4734	O-RING I.D 0029XTHK.3MM VITON	20	RUBBER	RUBBER
4735	O-RING I.D 0014XTHK.3.5MM VITON	20	RUBBER	RUBBER
4736	SUPPORT BUSHING ITEM 2.81	1	metal	stanless steel
4737	BUSHING I.D36XO.D43XH36MM SAME AS 260700	1	metal	stanless steel
4738	RING NUT RETANING SCREW (SPECIAL)	1	metal	steel
4739	BALLS 3/8"	4	metal	stanless steel
4740	ORIFICE	4	metal	steel
4741	PIN 2X20MM	4	metal	steel
4742	NOZZLE	4	metal	BRONZE
4743	MANUAL TEST VALVE FOR LOW BRG. OIL PRESS	1	metal	steel
4744	O-RING I.D 0034XTHK 3.5MM	9	RUBBER	RUBBER
4745	TRIP VALVE FOR LOW BRG. OIL PRESS. DEVIC	2	metal	steel
4746	O-RING I.D 0025XTHK.3.5MM (4100)	6	RUBBER	RUBBER
4747	GASKET COPPER 023X32X1.1MM	4	metal	copper
4748	TRIP VALVE BUSHING	2	metal	steel
4749	COMPRESSION SPRING WIRE DIA.26XO.D25.2XL	6	metal	steel
4750	COVER SEAL	4	RUBBER	RUBBER
4751	DIAPHRAGM W87XL87XTHK.2MM NITRLE	6	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4752	ORIFICE PLUG	6	metal	steel
4753	REPAIR KIT FOR CYLINDER	2	RUBBER	RUBBER
4754	CUP VALVE RETAINING NUT 10MM (SPECIAL)	2	metal	stanless steel
4755	O-RING I.D 17XTHK.2.5MM (3068) TYPE 122	7	RUBBER	RUBBER
4756	ORIFICE	2	metal	steel
4757	TRIP RELAY	2	metal	steel
4758	TEST RELAY	2	metal	steel
4759	RETAINING PIN 10X58MM	2	metal	steel
4760	TRIP WEIGHT SPRING RETAINER O.D 38MM	2	metal	steel
4761	TRIP WEIGHT	2	metal	steel
4762	COMP. SPRING WIRE 3.5XO.D30.5XL52 (TRIP W	6	metal	steel
4763	GRUB SCREW 8X16MM (BLOCK RETAINING SCREW	4	metal	steel
4764	CUP VALVE SEAT	2	metal	steel
4765	TRIP TRIGGER PIVOT PINS 16X64MM	2	metal	steel
4766	TRIP TORSION SPRING O.D39.5XL22.5MM SPEC	6	metal	steel
4767	TORSION SPRING RETAINING COLLAR O.D 50MM	2	metal	steel
4768	BUSHING 22X16	4	metal	steel
4769	EXTENSION SPRING WIRE DIA. 3.2XO.D25XL167	4	metal	steel
4770	SPACER BUSHING 25X16	2	metal	copper
4771	TRIP LEVER SHAFT BUSHING 20DU16	8	metal	steel
4772	LOCKING RING D. 39	1	metal	copper
4773	VALVE STEM GUIDE BUSHING	1	metal	copper
4774	VALVE SEAT	1	metal	steel
4775	GASKET LEATHER 018X44.6X3MM GASKET KIT	14	GRAPHITE	GRAPHITE
4776	O-RING I.D 38XTHK.3.5MM TYPE 142	5	RUBBER	RUBBER
4777	BACK RING 31.5X24	3	metal	steel
4778	SEAL RING (RUBBER) 36X19MM	7	RUBBER	RUBBER
4779	VALVE STEM	1	metal	steel
4780	COMPRESSION SPRING WIRE DIA.8XO.D63XL125	1	metal	
4781	WASHER O.D38XI.D27MM COPPER	1	metal	copper
4782	PISTON RINGS	1	metal	copper
4783	GASKET SEAL 094X149X4.4MM 8HOLE	4	GRAPHITE	GRAPHITE
4784	GLAND	2	metal	copper
4785	CHECK V/V VR5 FOR MANIFOLD BLOCK	4	metal	steel
4786	TEFLON SEAL RING TYPE 4225	6	TEFLON	TEFLON
4787	O-RING I.D 0057XTHK.3.5MM (TYPE: 4225)	13	RUBBER	RUBBER
4788	O-RING I.D 0012XTHK.2MM	86	RUBBER	RUBBER
4789	CATRIDGE 25 MICRON TYPE :03064015	71	metal	steel
4790	SHIM DIA. 66X30X6	6	metal	
4791	TEFLON SEAL RING BK4225	94	TEFLON	TEFLON
4792	O-RING (SEAL RING) SET	48	RUBBER	RUBBER
4793	O-RING I.D 0083XTHK. 3.5MM	10	RUBBER	RUBBER
4794	O-RING I.D 0035XTHK.3.5MM (4137)	27	RUBBER	RUBBER
4795	O-RING I.D 0009XTHK.1.8MM	59	RUBBER	RUBBER
4796	CARTRIDGE 25 MICRON TYPE : 03064014	2	metal	steel
4797	O-RING I.D 0019XTHK.2.4MM	80	RUBBER	RUBBER
4798	O-RING I.D 0038XTHK.3MM	90	RUBBER	RUBBER
4799	O-RING I.D 0015XTHK.2.5MM	50	RUBBER	RUBBER
4800	NUT 20MM F8 (SAME AS 2607037)	7	metal	steel
4801	BUSHING DIA. 35X25X76	1	metal	steel
4802	NUT 16MM (SAME AS 2604886)	8	metal	steel
4803	VALVE COUPLING NUT (SPECIAL)	2	metal	stanless steel
4804	COUPLING NUT (SPECIAL)	2	metal	stanless steel
4805	VALVE STEM BUSHING 35X25X45L	2	metal	stanless steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.				
4806	GASKET METAL 106X116X1MM GASKET KIT	10	metal	steel
4807	VALVE STEM BUSHING 35X25X61L	2	metal	steel
4808	LOCK NUT (SPECIAL)	2	metal	stanless steel
4809	SPACER RING WITH MACHINING ALLOWARCE A	2	metal	steel
4810	PACKING GRAPHITE 36X65X16MM 6PCS CLOSED	4	GRAPHITE	GRAPHITE
4811	BUSHING	2	metal	steel
4812	SET OF PACKING AND SEAL SULZER ASM 63-10	6	plastic	plastic
4813	BUSHING I.D36XO.D43XH36MM	3	metal	steel
4814	GASKET FIBER 138.5X280X242X390MM RECTANG	6	FIBER	FIBER
4815	COMPRESSION SPRING WIRE DIA.4.5XO.D38.5X	8	metal	steel
4816	PACKING GRAPHITE 36X65X16MM 5PCS CLOSED	10	GRAPHITE	GRAPHITE
4817	GAKSET 640X270 THK.2	4	metal	steel
4818	CONICAL PIN 6X90MM	1	metal	
4819	PIN 25X58MM	2	metal	steel
4820	SPECIAL NUT	2	metal	stanless steel
4821	PACKING GRAPHITE 45X75X16MM 8PCS CLOSED	3	GRAPHITE	GRAPHITE
4822	CYLINDRICAL PIN 16X116MM	4	metal	steel
4823	NUT & WASHER (SPECIAL)	1	metal	steel
4824	PACKING GRAPHITE 50X80X16MM 9PCS CLOSED+	4	GRAPHITE	GRAPHITE
4825	GASKET METAL 584X614X2.2MM	3	metal	steel
4826	SHAFT	1	metal	stanless steel
4827	RING RETAINING SCREW 10X1.5X15L	14	metal	stanless steel
4828	VALVE GUIDE BUTTON	18	metal	stanless steel
4829	WASHER DU 20	3	metal	stanless steel
4830	WASHER D34 O.D60XI.D34MM	3	metal	stanless steel
4831	SOCKET HEAD CAP SCREW D. 10X50	4	metal	stanless steel
4832	CYLINDRICAL RETAINING PIN D6X88	3	metal	steel
4833	LINER (SHIM)	2	metal	steel
4834	CYLINDRICAL RETAINING PIN 6X100MM	4	metal	stanless steel
4835	MALE & FEMALE WASHER D. 22	14	metal	steel
4836	FEMALE WASHER D45	3	metal	stanless steel
4837	ELLEVILLE WASHER D60/20.5X3	10	metal	steel
4838	O-RING I.D 0083XTHK.3.5MM	8	RUBBER	RUBBER
4839	O-RING I.D 0083XTHK.5.4MM	4	RUBBER	RUBBER
4840	GASKET METAL 182X206X4MM	8	metal	aluminum
4841	PIN D 8X100	2	metal	steel
4842	SEAL RING D.77X91	4	metal	steel
4843	MALE WASHER M36	5	metal	steel
4844	LINK PIN BUSHING	2	metal	steel
4845	THREADED LOCKING RING	1	metal	stanless steel
4846	NUT ROTATING PIN 10x20mm	2	metal	stanless steel
4847	PIN D5 X 18	13	metal	stanless steel
4848	BUSHING	1	metal	steel
4849	ALEN KEY BOLT 14X030MM S.S	8	metal	stanless steel
4850	SHIM D.26/13.8X0.1	1	metal	steel
4851	FEMALE WASHER D.27 MM	7	metal	steel
4852	SPHERICAL WASHERS (MALE AND FEMALE) M27	8	metal	steel
4853	NUT 23MM	1	metal	steel
4854	NUT 27MM	3	metal	steel
4855	NUT 14MM	4	metal	steel
4856	STUD BOLT 16X075MM / (15X55) (SPECIAL)	6	metal	steel
4857	WASHER D13	9	metal	steel
4858	STUD BOLT 12X063MM / (12X45) (SPECIAL)	11	metal	steel
4859	WATER FILTER (OD62XID43XH250)MM PVC	2	plastic	plastic

ملحق رقم {8}: المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4860	CIRCLIP INNER D.52	6	metal	steel
4861	VALVE CAP 3/8 INCH /PP	4	TEFLON	TEFLON
4862	VALVE CAP 7/8 INCH /PP	2	TEFLON	TEFLON
4863	VALVE SEAT 7/8 INCH /PP	2	TEFLON	TEFLON
4864	O-RING I.D 0160XTHK.2.6MM	4	RUBBER	RUBBER
4865	GASKET NRV 33.7X40X1.1MM	24	GRAPHITE	GRAPHITE
4866	VALVE & VALVE SEAT	3	TEFLON	TEFLON
4867	DIAPHRAGM O.D238MM PTFE	3	TEFLON	TEFLON
4868	PAD FOR COUPLING DIA40	22	plastic	plastic
4869	PAD FOR COUPLING DIA 55	30	plastic	plastic
4870	PUMP BODY	1	plastic	plastic
4871	PLUNGER RING	1	metal	steel
4872	SEAL RING	1	RUBBER	RUBBER
4873	PUMP BODY	1	TEFLON	TEFLON
4874	CIRCLIP INNER D.48	2	metal	steel
4875	COMPRESSION SPRING WIRE DIA.5XO.D45.5X1	2	metal	steel
4876	SEAL RING D1 062	7	RUBBER	RUBBER
4877	PLUNGER PIN 60X8XTHK.2MM	1	metal	steel
4878	PLUNGER RING	2	metal	steel
4879	VALVE SEAT 3/8 INCH GR.200	2	TEFLON	TEFLON
4880	VALVE SEAT 3/8 INCH /PP	4	TEFLON	TEFLON
4881	FIXING CIRCLIP	4	metal	steel
4882	PUMP BODY	1	plastic	plastic
4883	GLAND RING	1	plastic	plastic
4884	CIRCLIP OUTER D.23	3	metal	steel
4885	ROLLERS	4	metal	steel
4886	O-RING I.D 0145XTHK.3.5MM	1	RUBBER	RUBBER
4887	O-RING I.D 0150XTHK.3.5MM	1	RUBBER	RUBBER
4888	NUT AND WASHER FOR BEARING C.S (SPECIAL)	2	metal	steel
4889	CIRCLIP OUTER D. 70MM	1	metal	steel
4890	O-RING I.D 0310XTHK.3.5MM	2	RUBBER	RUBBER
4891	O-RING I.D 0130XTHK.3.5MM	2	RUBBER	RUBBER
4892	SHAFT SLEEVE	1	metal	stanless steel
4893	O-RING I.D 0042XTHK.3.5MM	2	RUBBER	RUBBER
4894	IMPELLER NUT S.S (SPECIAL)	2	metal	stanless steel
4895	O-RING I.D 0350XTHK.7MM	6	RUBBER	RUBBER
4896	GASKET RUBBER O.D 110X2.2MM	2	RUBBER	RUBBER
4897	O-RING I.D 0089.69XTHK.5.33MM	48	RUBBER	RUBBER
4898	O-RING I.D 0059.69XTHK.5.33MM	48	RUBBER	RUBBER
4899	O-RING I.D 0098.02XTHK.3.53MM	1	RUBBER	RUBBER
4900	O-RING I.D 0234.3XTHK.6.99MM	1	RUBBER	RUBBER
4901	O-RING I.D 0308XTHK.3.5MM	1	RUBBER	RUBBER
4902	O-RING I.D 0017.12XTHK.2.62MM	1	RUBBER	RUBBER
4903	O-RING I.D 00323XTHK.3.8MM	1	RUBBER	RUBBER
4904	O-RING I.D 00420XTHK.5.5MM	1	RUBBER	RUBBER
4905	O-RING I.D 1466XTHK.7.4MM	1	RUBBER	RUBBER
4906	O-RING I.D 0436XTHK.7.3MM	1	RUBBER	RUBBER
4907	FLANGE DN 1 INCH ANSI 400 SO-RF	4	metal	steel
4908	RETAINING PINS 9X120MM SCREW HEAD	4	metal	steel
4909	FLAT WASHER O.D35X1.D20MM	2	metal	steel
4910	STOP PIN 9X125MM	4	metal	steel
4911	FLAT WATHER D60	3	metal	steel
4912	CYLINDRICAL PIN 20X100MM	4	metal	steel
4913	RUBBER RING D 108X2X1.8MM	3	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4914	SHAFT SEAL COMPL	4	RUBBER	RUBBER
4915	GASKET RUBBER 055.5X85X3MM 2HOLE OVAL	2	RUBBER	RUBBER
4916	GASKET PAPER 096X104X0.25MM	2	PAPER	PAPER
4917	كوبيليا 5.5x83 ملم	40	metal	steel
4918	كوبيليا 4.5x60 ملم	37	metal	steel
4919	CIR CLIP INTERNAL 33MM	4	metal	steel
4920	SEAL 08X014X04MM	7	RUBBER	RUBBER
4921	O-RING I.D 0255XTHK.3MM	4	RUBBER	RUBBER
4922	PISTON RING GG22	8	metal	steel
4923	O-RING I.D 0100XTHK.3MM	2	RUBBER	RUBBER
4924	O-RING I.D 0100XTHK.3MM	4	RUBBER	RUBBER
4925	O-RING I.D 0090XTHK.3MM	3	RUBBER	RUBBER
4926	CIRCLIP EXTERNAL D30X1.5	3	metal	steel
4927	CIRCLIP INTERNAL D130	4	metal	steel
4928	DRIVING LINK	1	metal	steel
4929	O-RING I.D 0166XTHK.3MM	2	RUBBER	RUBBER
4930	ALEN KEY BLOT 06X035MM GLV.	6	metal	steel
4931	PISTON BUSHING	1	metal	steel
4932	RETURN V/V K-RVZ10SM-WD	4	metal	steel
4933	O-RING I.D 0060XTHK.3MM	8	RUBBER	RUBBER
4934	O-RING I.D 0110XTHK.3MM	4	RUBBER	RUBBER
4935	O-RING I.D 0173XTHK.3MM	4	RUBBER	RUBBER
4936	STEP BEARING	8	metal	steel
4937	ALEN KEY BOLT 06X040MM GLV.	4	metal	steel
4938	DIAPHRAGM PACK DIAM. 270X0.5/1.4301	3	metal	steel
4939	SEAL VG40	2	metal	steel
4940	SUCTION VALVE SUPPORT	2	metal	steel
4941	PRESS VALVE SUPPORT	2	metal	steel
4942	ALEN KEY BOLT 24X180MM C.S	4	metal	steel
4943	O-RING I.D 0030XTHK.3MM	4	RUBBER	RUBBER
4944	INTAKE	1	metal	steel
4945	COMPRESSION SPRING WIRE DIA.0.25XO.D8.5X	5	metal	steel
4946	O-RING I.D 0040XTHK.3MM	4	RUBBER	RUBBER
4947	COMPRESSION SPRING WIRE DIA.2.53XO.D15.3	6	metal	steel
4948	VALVE BALL DIAM. 11	3	metal	steel
4949	O-RING I.D 0022XTHK.3MM	9	RUBBER	RUBBER
4950	EXHAUST	1	metal	steel
4951	PISTON RING 20-3	12	metal	steel
4952	PISTON BUSHING	4	metal	steel
4953	PISTON	4	metal	steel
4954	SEAL 010X018X04MM	6	metal	steel
4955	RETURN V/V	4	metal	steel
4956	STEP BEARING	8	metal	steel
4957	CIRCLIP EXTERNAL D33X1.5	2	metal	steel
4958	SHUT-OFF V/V PN16	1	metal	steel
4959	CASE	20	metal	steel
4960	RETAINING RING DOUBLE ANGLE O.D 72MM	8	metal	steel
4961	SPRING DOWEL PIN O.D6XL36MM	13	metal	steel
4962	ALEN KEY BOLT 16X110MM GLV.	4	metal	steel
4963	CIRCLIP INTERNAL D80X2.5	2	metal	steel
4964	INTERNAL RETAINING RING SINGLE ANGLE O.D	10	metal	steel
4965	OIL SIGHT GAUGE M35X1.5	4	metal	steel
4966	CIRCLIP EXTERNAL D40X2.5	4	metal	steel
4967	O-RING I.D 0090XTHK.3MM	8	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

4968	CIRCLIP EXTERNAL D30X2.5	3	metal	steel
4969	O-RING I.D 0100XTHK.3MM	16	RUBBER	RUBBER
4970	CIRCLIP INTERNAL D130X4	4	metal	steel
4971	O-RING I.D 0160XTHK.3MM	8	RUBBER	RUBBER
4972	PISTON PIN 35X70MM	1	metal	steel
4973	PIPE O.D. 10MMXTHK.1.5MM S.S L1000MM	1	metal	stainless steel
4974	RETURN V/V	4	metal	steel
4975	PISTON RING	4	metal	steel
4976	ALEN KEY BOLT 10X030MM WHITE C.S	4	metal	steel
4977	O-RING I.D 00494XTHK.3MM	6	RUBBER	RUBBER
4978	GUIDE	4	metal	steel
4979	ALEN KEY BOLT 12X040MM	4	metal	steel
4980	PRESSURE VALVE SUPPORT	2	metal	steel
4981	PRESSURE V/V 37R1	1	metal	steel
4982	SUCTION VALVE SUPPORT	2	metal	steel
4983	ALEN KEY BOLT 08X035MM GLV.	25	metal	steel
4984	ALEN KEY BOLT 16X130MM C.S	11	metal	steel
4985	ELASTIC RING	4	metal	steel
4986	BEARING NUT C.S (SPECIAL)	4	metal	steel
4987	SEAL BUSH	2	metal	copper
4988	MECHANICAL SEALTYPE UNI TEN 2/K	5	metal	steel
4989	GASKET PAPER 220X240X0.1MM	4	PAPER	PAPER
4990	GASKET PAPER 227X247X0.2MM	4	PAPER	PAPER
4991	GASKET PAPER 062.5X138X0.25MM 4HOLE	4	PAPER	PAPER
4992	IMPELER	1	metal	steel
4993	CYLINDIRICAL PIN 20X90MM	2	metal	steel
4994	RETINING SCREW 10X23MM	5	metal	steel
4995	STUD BOLT 16X065MM	6	metal	steel
4996	GASKET FIBER 238X447X370X580X1.1MM RECTA	4	FIBER	FIBER
4997	FEMALE WASHER D30	9	metal	steel
4998	MALE WASHER D30	9	metal	steel
4999	NUT 16MM	8	metal	steel
5000	STUD BOLT 16X075MM (SAME AS 2606717)	8	metal	steel
5001	EXTENSION NUT 30MM (SPECIAL)	9	metal	steel
5002	SWING DISK	1	metal	steel
5003	COMPRESSION SPRING WIRE DIA.4.5XO.D39.5X	2	metal	steel
5004	IMPELLER WASHER O.D43.8XI.D25MM S.S	1	metal	stainless steel
5005	IMPELLER NUT 24MM S.S	1	metal	stainless steel
5006	FRONT - WEAR PLATE COPPER	2	metal	copper
5007	V-RING V-855	3	RUBBER	RUBBER
5008	IMPELLER-MODIFIED ONE	1	metal	steel
5009	GRUP SCREW 16X30MM COPPER	32	metal	copper
5010	V-ROBE	2	RUBBER	RUBBER
5011	GREASE NIPPLE HEXGONAL NPTM 10MM L19MM	9	metal	steel
5012	PACKING FELT 12X12MMXL1MR BOTTOM	4	TEFLON	TEFLON
5013	FLAT RING O.D22MM THK.2.5MM	13	TEFLON	TEFLON
5014	O-RING I.D 0247XTHK.7MM	7	RUBBER	RUBBER
5015	IMPELLER NUT DOWEL SCREW 12X18 (SPECIAL)	4	metal	copper
5016	O-RING I.D 0164XTHK.6.9MM FOR IMPELLER R	8	RUBBER	RUBBER
5017	O-RING I.D 0216XTHK.6.8MM FOR IMPELLER R	8	RUBBER	RUBBER
5018	O-RING I.D 0173XTHK.6.9MM 8675	28	RUBBER	RUBBER
5019	BIG END BUSH	1	metal	steel
5020	BEARING RING	2	metal	plastic
5021	COMPRESSION RING	1	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

5022	BREATHER PAD	4	RUBBER	RUBBER
5023	OIL SEAL 027X047X08MM	2	RUBBER	RUBBER
5024	GASKET FIBER 077X103X0.25MM 5HOLE	4	FIBER	FIBER
5025	GASKET PAPER 084X101X101X0.1MM SQUARE FO	4	PAPER	PAPER
5026	GASKET FIBER 76.5X109X0.4MM FOR VALVE PL	4	FIBER	FIBER
5027	COMPRESSION SPRING WIRE DIA.0.9X0.D13.8X	8	metal	steel
5028	VALVE PLUG	4	metal	steel
5029	GASKET FIBER 073.4X110X0.2MM FOR CYL. HE	2	FIBER	FIBER
5030	WHITE NYLON RING 65X585	3	TEFLON	TEFLON
5031	O-RING I.D 0044.5XTHK.3.55MM	7	RUBBER	RUBBER
5032	THROTTLE BUSHING 65X48.8X8MM	3	metal	steel
5033	GASKET FIBER 080X100X1.2MM WITH OUT HOLE	2	FIBER	FIBER
5034	O-RING I.D 0085.5XTHK.3.55MM	7	RUBBER	RUBBER
5035	O-RING I.D 0229XTHK.3.9MM	2	RUBBER	RUBBER
5036	V-RING	4	RUBBER	RUBBER
5037	LOCKI NUT 65MM (SPECIAL)	4	metal	steel
5038	SLEEVE (COOPER) DIA. 45X140 MM	1	metal	copper
5039	IMPELLER WEARING RING 190X176	1	metal	steel
5040	SEAT FOR M.SEAL	3	metal	steel
5041	KEY SQUARE 6X14MM	3	PAPER	PAPER
5042	O-RING I.D 0210XTHK.3MM	7	RUBBER	RUBBER
5043	GASKET FIBER 238X294X1MM	4	FIBER	FIBER
5044	O-RING I.D 0106XTHK.3.4MM	6	RUBBER	RUBBER
5045	OIL SEAL 110X140X12MM	1	RUBBER	RUBBER
5046	JET WASHER (O-RING) O.D31.5XI.D19MM RUBB	8	RUBBER	RUBBER
5047	SEAL NTL 1	4	RUBBER	RUBBER
5048	STOP PIN D9X240	3	metal	steel
5049	RETAINING SCREW 1/4"X17MM (SAME AS 26010	4	metal	steel
5050	ALEN KEY BOLT 22X075MM LAG SCREW (SAME A	2	metal	stanless steel
5051	RETAINING PINS 9X150MM (SAME AS 2608884)	2	metal	steel
5052	ALEN KEY BLOT 14X030MM LAG SCREW	1	metal	steel
5053	RETAINING SCREW 6X17MM (SAME AS 2601073)	16	metal	steel
5054	STUD BOLT 20X085MM (SAME AS 2608698)	2	metal	steel
5055	RUBBER COUPLING FOR G.T 10&11	30	TEFLON	TEFLON
5056	CORNER SEAL LEFT AND RIGHT HAND	6	metal	steel
5057	PLASTIC PIN 8X7MM	6	plastic	plastic
5058	PACK-UP RING 0.51	32	plastic	plastic
5059	NON RETURN VALVE RVP 10	4	metal	steel
5060	FILTER G 851 A	1	SPONGE	SPONGE
5061	FILTER G 851 Y	1	SPONGE	SPONGE
5062	FILTER G 851 P	1	SPONGE	SPONGE
5063	PLASTIC DISK	4	plastic	plastic
5064	LOCKING GRUB SCREW 10X16MM	4	TEFLON	TEFLON
5065	PLASTIC PIN 10X10MM	8	TEFLON	TEFLON
5066	O-RING I.D 0075.8XTHK.3.53MM	2	RUBBER	RUBBER
5067	PISTON SEAL	2	TEFLON	TEFLON
5068	O-RING I.D 0094.84XTHK.3.53MM	2	RUBBER	RUBBER
5069	SCRAPER RING	2	RUBBER	RUBBER
5070	GUIDE RING	4	metal	steel
5071	PISTON ROD SEAL	2	TEFLON	TEFLON
5072	PLASTIC PIN WITH DISK	2	plastic	plastic
5073	NON RETURN VALVE	4	metal	copper
5074	PISTON SEAL Q. 160X138X36	2	TEFLON	TEFLON
5075	SCRAPER RING Q. 60X45X8.8	2	TEFLON	TEFLON

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

5076	GUIDE RING Q 51X45X9.6	4	metal	plastic
5077	PISTON ROD SEAL Q60 X 45 X 22.5	2	RUBBER	RUBBER
5078	COMPRESSION SPRING WIRE DIA.3.2XO.D23XL6	2	metal	steel
5079	THROTTLE V/V DV 8-1.1/O-P350 BAR	1	metal	steel
5080	GASKET COPPER 042.2X49.2X1MM	2	metal	copper
5081	GASKET COPPER 013.5X25X1MM	2	metal	copper
5082	AIR FILTER OD55XID24.5XH50MM PAPER WITH	2	PAPER	PAPER
5083	GASKET METAL 36X49.3X2.1MM FOR V/V UNLOA	75	metal	aluminum
5084	VALVE UNLOADING (50X40)	6	metal	steel
5085	PACK-UP RING D 92.23X3X1.27	6	RUBBER	RUBBER
5086	OIL FILTER (OD79XID42XH117)MM	1	FIBER	FIBER
5087	OSCILLATING PLATE (BEARING)	1	metal	steel
5088	COMPRESSION SPRING WIRE DIA.1.2XO.D9.5XL	2	metal	steel
5089	RUBBER PLUG	4	RUBBER	RUBBER
5090	OIL FILTER (OD51XID32XH180)MM	2	metal	steel
5091	NON RETURN V/V 0.2BAR	2	metal	steel
5092	MICROFILTER FAB999-1013 WITH O-RING (OD5	6	metal	plastic
5093	DUST SEPARATOR R 1 1/2"	2	metal	copper
5094	NON RETURN V/V 1" R1	2	metal	copper
5095	AIR INTARE FILTER DELBAG (OD150XH675)MM	19	metal	steel
5096	COMPLETE OIL SCRAPER PACKING WITH SEALIN	1	metal	steel
5097	LOCKING PLATE 37	2	metal	steel
5098	ROUND LACE RING 134.2X5.7	75	metal	steel
5099	CONICAL SPRING DIA.0.7XO.D7-8.8XL16MM 8	18	metal	steel
5100	CONICAL SPRING DIA.0.7XO.D7-8.8XL16MM 8	36	metal	steel
5101	DISCHARGE V/V DAMPER PLATE 2-STAGE	12	metal	steel
5102	SUCTION V/V DAMPER PLATE 2-STAGE	1	metal	steel
5103	SEALING 2-STAGE CASKIT	1	metal	steel
5104	GASKET RUBBER 122X148X3.2MM	5	RUBBER	RUBBER
5105	SIGHT GLASS (150X20)	5	Glass	Glass
5106	GASKET (35X70)	5	GRAPHITE	GRAPHITE
5107	ROTARY SHAFT SEAL (35X60X10)	5	RUBBER	RUBBER
5108	GASKET RUBBER 084X100X3.3MM WITH OUT HOL	5	RUBBER	RUBBER
5109	GASKET FIBER 012X18X3.3MM WITH OUT HOLE	5	FIBER	FIBER
5110	WASHER (M13X40) O.D40XI.D13MM S.S	21	metal	stanless steel
5111	WASHER WITH RUPPER SEAL O.D25.2XI.D12MM	25	metal	steel
5112	GASKET FIBER 050X50X3.2MM SQUARE	25	metal	steel
5113	GASKET RUBBER 520X610X5MM	5	RUBBER	RUBBER
5114	GASKET 006.35X10.4X3.6MM DUBO WITH OUT H	5	TEFLON	TEFLON
5115	O-RING I.D 0286XTHK.8MM	5	RUBBER	RUBBER
5116	CYLINDER PIN 4X41.5MM NON R- V/V	2	metal	steel
5117	FLAP FOR NON R-V/V	1	metal	steel
5118	GASKET FIBER 035X53X2.5MM WITH OUT HOLE	5	FIBER	FIBER
5119	GASKET FIBER 084.4X133X2.31MM WITH OUT H	5	FIBER	FIBER
5120	GASKET RUBBER 368X438X8MM WITH OUTUTER R	5	RUBBER	RUBBER
5121	BUSHING	4	metal	steel
5122	O-RING I.D 0031XTHK.3MM	11	RUBBER	RUBBER
5123	GASKET RUBBER 032X108X2.2MM 4HOLE	5	RUBBER	RUBBER
5124	KEY GRIP HEAD SQUARE 7/4.6X8X53MM S.S	1	metal	stanless steel
5125	KEY DOUBLE ROUND END 8X10X56MM	1	metal	steel
5126	CIRCLIP INNER (68)	32	metal	steel
5127	LOCK NUT C.S (SPECIAL)	1	metal	steel
5128	KEY WAYED NUT (LOCK WASHER) O.D55.7XI.D3	1	metal	steel
5129	SCREW 12X030MM FOR IMPELLER	1	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

5130	SHAFT SLEEVE	1	metal	copper
5131	DETECTOR	2	metal	steel
5132	CASING WEAR RING	5	metal	steel
5133	PACKING TEFLON BRAIDED 44.3X65X10.4MM	20	TEFLON	TEFLON
5134	LANTERN RING	6	metal	steel
5135	THROAT BUSH	1	metal	steel
5136	O-RING I.D 0042XTHK.1.8MM	9	RUBBER	RUBBER
5137	O-RING I.D 0020XTHK.3.5MM	4	RUBBER	RUBBER
5138	GASKET FIBER 21X26X1.67MM WITH OUT HOLE	12	FIBER	FIBER
5139	JOINT RING 14X18MM	4	metal	steel
5140	GASKET FIBER 027X40X1.2MM WITH OUT HOLE	9	FIBER	FIBER
5141	GASKET PAPER 079X120X0.4MM 5HOLE	5	PAPER	PAPER
5142	WASHERS I.D21MM COPPER	128	metal	copper
5143	HEX. BOLT 36X160MM W.B COVERS	779	metal	steel
5144	STUD BOLT 36X175MM COPPER	572	metal	copper
5145	GASKET RUBBER 153X278X2MM FOR AIR EXTRAC	8	RUBBER	RUBBER
5146	GASKET RUBBER 200X343X2.1MM FOR AIR EXTR	8	RUBBER	RUBBER
5147	MANHOLES GASKETS	2	metal	steel
5148	AUTO SPRAY NOZZLE	11	metal	steel
5149	GRUB SCREW 6X12MM	10	metal	steel
5150	GASKET FIBER 014X295X34X320MM FOR LEVEL	8	FIBER	FIBER
5151	DURA MECHANICAL SEAL KU 08051 TYPE	4	metal	steel
5152	GASKET FIBER 111.8X193.5X1.16MM	10	FIBER	FIBER
5153	JOINT RING (DIM. 21 MM)	48	metal	copper
5154	KEY DOUBLE ROUND END 11X18X110MM S.S	1	metal	stanless steel
5155	KEY DOUBLE ROUND END 12X20X160MM S.S PAR	2	metal	stanless steel
5156	KEY DOUBLE ROUND END 6X10X30MM S.S PART	3	metal	stanless steel
5157	OIL - LEVEL POINTER	2	Glass	Glass
5158	DENCO CONSTANT - LEVEL - OILER	1	Glass	Glass
5159	O-RING I.D 0067XTHK.2.5MM	10	RUBBER	RUBBER
5160	JOINT RING 14X18MM COOPER	32	metal	copper
5161	V-RING V.S 060	6	RUBBER	RUBBER
5162	V-RING V.S-065	2	RUBBER	RUBBER
5163	IMPELLER NUT DIA.82	1	metal	steel
5164	KEY DOUBLE ROUND END 8X10X55MM	4	metal	steel
5165	KEY DOUBLE ROUND END 7X8X55MM	4	metal	steel
5166	SHAFT CUPLING (29X55)	1	metal	stanless steel
5167	HEX. BOLT 8X017MM	18	metal	steel
5168	GASKET FIBER 070X90X0.35MM WITH OUT HOLE	16	FIBER	FIBER
5169	LABYRINTH RING 35/68X16	22	TEFLON	TEFLON
5170	GASKET FIBER 028X33X0.3MM WITH OUT HOLE	14	FIBER	FIBER
5171	STUD BOLT 10X048MM	18	metal	steel
5172	O-RING I.D 0758XTHK.10MM	10	RUBBER	RUBBER
5173	IMPELLER NUT (DN 78) (SPECIAL)	1	metal	steel
5174	O-RING	2	RUBBER	RUBBER
5175	O-RING	2	RUBBER	RUBBER
5176	COMPRESSION SPRING WIRE DIA.1XO.D7XL34MM	30	metal	steel
5177	O-RING	2	RUBBER	RUBBER
5178	O-RING I.D 0102XTHK.3.4MM	1	RUBBER	RUBBER
5179	O-RING	2	RUBBER	RUBBER
5180	CROWER	30	metal	steel
5181	GRUB SCREW 8X15MM COOPER	64	metal	copper
5182	GRUB SCREW 8X17MM	31	metal	steel
5183	S.W GASKIT WITHOUT SEAL 36X46	8	GRAPHITE	GRAPHITE

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5184	S.W GASKIT WITHOUT SEAL L3X33	8	GRAPHITE	GRAPHITE
5185	S.W GASKET 62.5X72.3X3.6MM ASB FILLER	4	metal	steel
5186	OIL LEVEL PLUG	1	metal	steel
5187	FLEXIBLE RING	16	metal	steel
5188	SEAL RING	6	metal	steel
5189	LUBRICATING DISK SPACER	1	metal	steel
5190	OIL SPLASH DISK	2	metal	steel
5191	OIL SPLAH DISK	2	metal	steel
5192	LUBRICATING DISK	2	metal	steel
5193	LUBRICATING DISK	2	metal	steel
5194	GASKET PART NO. FG1D11241P05	5	GRAPHITE	GRAPHITE
5195	OIL BAFFLE ASSEMBLY	2	metal	steel
5196	VALVE DRAIN	1	metal	copper
5197	VALVE DRAIN	2	metal	copper
5198	VALVE GAS BALLAST	1	metal	copper
5199	KEY WOOD RUFF 6.3X11X25MM	4	metal	steel
5200	O-RING I.D 0053XTHK.3.5MM	4	RUBBER	RUBBER
5201	SPACER , BEARING (NOT SHOWN)	2	metal	steel
5202	WATER FILTER Y TYPE 1GAS	2	metal	steel
5203	BLADDER	4	RUBBER	RUBBER
5204	O-RING I.D 0214XTHK.3.5MM	4	RUBBER	RUBBER
5205	FULLER CHEMICAL FILTER ELEMENT 30-150-20	1	metal	steel
5206	O-RING	6	RUBBER	RUBBER
5207	O-RING I.D 0033XTHK.4MM GREEN (VITON)	70	RUBBER	RUBBER
5208	O-RING I.D 0038X4MM GREEN VITON	70	RUBBER	RUBBER
5209	O-RING I.D 0025XTHK.3.5MM	80	RUBBER	RUBBER
5210	DOWEL PIN 5X25MM	1	metal	steel
5211	DOWEL PIN 5X19MM	1	metal	steel
5212	DOWEL PIN 5X32MM	1	metal	steel
5213	SCREW 4X042MM	4	metal	steel
5214	SCREW 4X057MM	4	metal	steel
5215	SQ SECTION SEAL	4	metal	steel
5216	COMPRESSION SPRING WIRE DIA.0.65XO.D3.9X	1	metal	steel
5217	VANE T3SB	15	metal	steel
5218	VAN T2SC	5	metal	steel
5219	COMPRESSION SPRING WIRE DIA.0.62XO.D4.0X	5	metal	steel
5220	SHAFT SEAL	16	metal	steel
5221	RING RETAIN EXT SHAFT 25	1	metal	steel
5222	SQ SECTION SEAL	2	metal	steel
5223	SQ. SECTON SEAL	1	metal	steel
5224	1REATHER COMPLETE	1	metal	steel
5225	LIP SEAL RING	2	metal	steel
5226	OIL SEAL 35*62*7	9	RUBBER	RUBBER
5227	OIL FILTER OD130XH245XNPTFS7MM MPM280G1M	1	RUBBER	RUBBER
5228	NOZZLES FOR SPECIAL HEATER 6MM	2	metal	steel
5229	OIL SEAL 020X035X07MM	3	metal	steel
5230	BUSH 22X25X1.5MM	2	metal	steel
5231	BEARING BUSH 114/1.3	4	metal	steel
5232	SHAFT SEAL	8	metal	steel
5233	GEAR WHEEL	3	RUBBER	RUBBER
5234	HEX. BOLT 8X025MM WITH SPRING WASHER	1	metal	steel
5235	OIL SEAL RING (SPECIAL)	24	metal	steel
5236	TAPER CONICAL PIN 10X120MM COPPER	6	TEFLON	TEFLON
5237	STOP SCREW DIA. 10X30 MM	4	metal	copper
		2	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

5238	KEY DOUBLE ROUND END 12.8X12.8X81MM	1	metal	steel
5239	SPACER RING	2	metal	steel
5240	OIL SER RING (SMALL)	1	metal	steel
5241	ALLEN KEY BOLT	4	metal	steel
5242	BUSHING DIA. 76X51 MM	1	metal	steel
5243	PIVOT PIN 10X30MM	1	metal	steel
5244	COMPRESSION SPRING WIRE DIA.4.5X0.D36XL7	1	metal	steel
5245	SPLIT COTTER PIN 3.2X32MM	1	metal	steel
5246	PIVOT PIN 15X45MM	1	metal	steel
5247	SPACER RING	1	metal	steel
5248	CIRCLIP OUTER DIA 82MM	1	metal	steel
5249	SPACER RING DIA. 127.3X101.5X9MM	2	metal	steel
5250	SPACER RING DIA. 127X157X9MM	2	metal	steel
5251	ALEN KEY BOLT 12X045MM	6	metal	steel
5252	SPACER RING DIA. 127X152XX16MM	2	metal	steel
5253	KEY ROUND FLAT 19X19X64MM 1HOLE	2	metal	steel
5254	SPACER RING DIA. 127X102X125MM	2	metal	steel
5255	TRIGGER	1	metal	steel
5256	SPLIT COTTER PIN 3.7X36MM	1	metal	steel
5257	EXTENSION SPRING WIRE DIA.2X0.D15XL194MM	1	metal	steel
5258	ALEN KEY BOLT 12X040MM	8	metal	steel
5259	TAPER CONICAL PIN 10X120MM	5	metal	steel
5260	GASKET FIBER 650X720X3MM OVAL	1	FIBER	FIBER
5261	LINER (HORIZONTAL)	2	metal	steel
5262	PLATE	4	metal	steel
5263	LOCKING WIRE	12	metal	steel
5264	SEAL RING STOP PIN DIA 9X150MM	1	metal	steel
5265	SPRING RETANING SCREW	27	metal	steel
5266	SEAL RING STOP PIN 9X240MM	3	metal	steel
5267	GLAND CASE DOWEL STUD DIA 14X2X76MM GALV	2	metal	steel
5268	DOWEL PIN 20X83MM	4	metal	steel
5269	GLAND SEAL STOP PIN DIA 9X75MM	2	metal	steel
5270	GLAND SEAL RING STOP PIN	3	metal	steel
5271	GLAND SEAL RING SPRING RETAINING SCREW F	10	metal	steel
5272	FLOAT ASSEMBLY (ROD) RELEVANT TO CVM25	2	metal	steel
5273	CAPACITOR 6.8MF 160V L29XW17XTHK.9MM CER	5	electronics	electronics
5274	SNAP RING DIN 471-8 X 0.8	5	metal	steel
5275	STRAINER FOR TRAPS INCH 150ANSI	6	metal	steel
5276	PACKING TEFLON 181X201X9MM V-SHAPE 5PCS	4	TEFLON	TEFLON
5277	OVERSPEED TRIP LATCH SHAFT	2	metal	steel
5278	PTFE- FOIL 16	42	TEFLON	TEFLON
5279	PTFE-GLASTEX 20/60	36	TEFLON	TEFLON
5280	CALCIUM SILICATE FINISHING CEMENT (INSUL	318	CEMENT	CEMENT
5281	AIR FILTER 2000X30XTHK14MM PLOYOLEFIR FI	47	FIBER	FIBER
5282	SET OF GASKET MOD. 667-EW NB 8 INCH BW	1	TEFLON	TEFLON
5283	INTERMEDIATE AND FINAL CONDENSER COMP.NO	1	metal	steel
5284	BLADDER 50 LTR	2	RUBBER	RUBBER
5285	EXP. JOINT BOX RUBBER	1	RUBBER	RUBBER
5286	OIL FILTER OD165XD38XH745MM 01094002 CE	1	metal	steel
5287	A COMPLETE SEAL STRIPS	2	metal	stanless steel
5288	PACKING TEFLON BRAIDED 12.5X12.5MMXL3.0M	3	TEFLON	TEFLON
5289	ALARM AND TRIP DEVICE 110VAC INPUT 4-20M	1	electronics	electronics
5290	CAPACITOR 60MF 450VAC 50HZ DIA.55XH121MM	5	electronics	electronics
5291	DIODE D255N 400B-1358 STUD M12 SILICON	18	electronics	electronics

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

5292	INTERPOSING CURRENT TR. 0.65-2.60/1A MOD	2	electronics	plastic
5293	I/P CONVERTER FISHER RANGE 0.4-2 KG/CM2	2	electronics	electronics
5294	PROXIMITY SWITCH 24/240VAC DIA.29XL81MM	1	electronics	electronics
5295	SURGE ARRESTOR UC=17KV 10KA 8/20M SEC TY	1	electronics	electronics
5296	STEEL RESISTANCE 100 OHM 775V 7.75A 6KW	1	electronics	electronics
5297	SURGE CAPACITOR 6.6/3KV 0.3MF 3BUSH 400X	2	electronics	electronics
5298	WIPER RING	1	electronics	BOX6
5299	TEE 4" PVC + FRFRP	1	plastic	plastic
5300	SUPPORTING INSULATOR A20N-500	4	plastic	plastic
5301	PVC CLAMP WITH BASE FOR PIPE SIZE 32MM	327	plastic	plastic
5302	FILTER LMO 10-S-1 (OD90XH370XNPTF30)MM A	2	plastic	plastic
5303	PEAR BEARING	1	plastic	plastic
5304	PACKING TEFLON BRAIDED 40X60X11MM 3PCS	6	plastic	plastic
5305	SIGHT GLASS FOR GAUGE HEAD	1	Glass	Glass
5306	REFLEX GLASS TYPE : B7 DIA. 280X34X17	11	Glass	Glass
5307	SIGHT GLASS TYPE SLE 100	1	Glass	Glass
5308	DEAD WEIGHT TESTER (PSI)	1	tool	tool
5309	CAPACITOR 0.125MF 15KV 8.8KVAR 2BUSH. TY	3	CERAMIC	CERAMIC
5310	SEAL RING FOR MECHANICAL SEAL (CARBON)	6	CARBON	CARBON
5311	CARBON BRUSH L16XW12XH32MM	19	CARBON	CARBON
5312	CARBON BRUSHES FOR T.V COOLING AIR FAN L	51	CARBON	CARBON
5313	CARBON BRUSHE FOR GEN. L=64MM W=39.9 T=3	230	CARBON	CARBON

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة

محطة العقبة الحرارية

ملحق رقم (9): الوصف الفني للوحدات المشمولة في البيع والمعدات المرتبطة بها.
محطة العقبة الحرارية

- الأجزاء الرئيسية :

1- المرجل البخاري (Steam Boiler):

النوع	الشركة الصانعة	سنة التركيب	الوقود المستخدم	الاستطاعة	الوحدة
RRP	MITSUBISHI	1985	الغاز الطبيعي ، الوقود الثقيل	130 MW	الأولى
RRP	MITSUBISHI	1985	الغاز الطبيعي ، الوقود الثقيل	130 MW	الثانية

- التوربين البخاري (Steam Turbine):

النوع	الشركة الصانعة	سنة التركيب	الاستطاعة	الوحدة
TVW 20R/2	Franco Tosi	1985	130 MW	الأولى
TVW 20R/2	Franco Tosi	1985	130 MW	الثانية

- المولدات الكهربائية: (Electrical Generator)

النوع	الشركة الصانعة	سنة التركيب	الاستطاعة	الوحدة
SGTHC-244402	Ercole Marell	1985	160 MVA	الأولى
SGTHC-244402	Ercole Marell	1985	160 MVA	الثانية

- المحولات الرئيسية: (Main Transformer)

النوع	الشركة الصانعة	سنة التركيب	الاستطاعة	الوحدة
ONAF	OTE	1983	160 MVA	الأولى
ONAF	OTE	1984	160 MVA	الثانية

ملحق رقم (1)

المواصفات الفنية للوحدات البخارية في محطة العقبة الحرارية

Table (1) Units Components

No	equipment	quantity	section
1	Boiler	2	boiler
2	Forced Draft Fan	4	boiler
3	Gas Recirculation Fan	2	boiler
4	Tv Fan	4	boiler
5	Ignitor Fan	4	boiler
6	Flame Scanner Cooling Fan	4	boiler
7	HFO Main Heater	4	boiler
8	Reboiler	2	boiler
9	Boiler Feed Pumps	6	boiler
10	STEAM AIR HEATER DRAIN PUMP	4	boiler
11	Turbine	2	turbine
12	CCCW Water Pump	4	turbine
13	Aux Oil Pump	2	turbine
14	Electro Hydraulic Pump	4	turbine
15	Turning Oil Pump	2	turbine
16	Generator	2	elect
17	Main Transformer	2	elect
18	Unit Auxiliary Transformer	2	elect
19	Excitation System With Transformer	2	elect
20	Hydrogen Plant	1	elect
21	6.6 kv Motors for FDF	4	elect
22	6.6 kv Motors for GRF	2	elect
23	6.6 kv Motors for WFP	6	elect
24	6.6 kv Motors for cwp	4	elect
25	6.6 kv Motors for Cond Ext p	4	elect
26	Hydraulic Recovery Turbine	1	turbine
27	Hydraulic Recovery Generator	2	turbine
28	Cw water pump	4	turbine
29	Priming pump	4	turbine
30	Oil vapour extractor	4	turbine
31	Seal oil system	2	turbine
32	Drum screen	2	turbine
33	H2 extractor fan	2	turbine
34	cccw heat exchanger	4	turbine

Table (2) Boiler Data

BOILER UNIT 1 - 2

LICENSED BY COMBUSTION ENGINEERING
 MITSUBISHI HEAVY INDUSTRIES LTD. TOKYO JAPAN

BOILER DESIGNATION

MITSUBISHI-CE NATURAL CIRCULATION
 RADIANT REHEAT OUTDOOR TYPE

SERIAL NO.	B 754 , 755
DATE	1986
MAIN STEAM FLOW AT MCR 422.748 KG/H	422.748 KG/H
SUPERHEATER OUTLET STEAM TEMPERATURE AT MCR	539 °C
SUPERHEATER OUTLET STEAM PRESSURE AT MCR	145.7 KG/CM ² G
REHEAT STEAM FLOW AT MCR	365.826 KG/H
REHEAT OUTLET STEAM TEMPERATURE AT MCR	539 °C
REHEATER OUTLET STEAM PRESSURE AT MCR	40.4 KG/CM ² G
REHEATER INLET STEAM TEMPERATURE MCR 372 °C	372 °C
REHEATER INLET STEAM PRESSURE AT MCR 42.1 KG/CM ² G	42.1 KG/CM ² G
ECONOMIZER INLET FEED WATER TEMPERATURE AT MCR	252 °C
BOILER DESIGN PRESSURE	167 KG/CM ² G
REHEATER DESIGN PRESSURE	56 KG/ CM ² G
AMBIENT AIR TEMPERATURE (DRY BULB)	32 °C
AMBIENT AIR RELATIVE HUMIDITY	50%
BAROMETRIC PRESSURE	760 MMHG
DRUM INSIDE DIAMETRE	1,775 MM
SEPARATOR SIZE 254 MM	254 MM
NUMBER (OF SEPARATOR) 34 PIECES	34 PIECES

Table (3) Turbine Data

BLADING:
 HIGH PRESSURE :
 * IMPULSE BLADING 1 CURTIS STAGE
 * REACTION BLADING 12 STAGES
 INTERMEDIATE PRESSURE :
 * REACTION BLADING 19 STAGES
 LOW PRESSURE :
 * REACTION BLADING 12 STAGES
 (6 STAGES FOR EACH FLOW)

SERIAL NO.	
Type	5533-5534
RATING	W 20 R/2
MANUFACTURING DATE	130 MW
SPEED (NORMAL)	1984
OVERSPEED	3000 RPM
INLET STEAM PRESSURE	3300 RPM
INLET STEAM TEMPERATURE	C140.6 KG/CM2 G
REHEAT STEAM TEMPERATURE	538 °C
EXHAUST STEAM PRESSURE	538 °C
	0.0717 KG/CM2 abs

Table (4) FORCED DRAFT FAN DESCRIPTION

FORCED DRAFT FAN	
TYPE	
MFG. NO.	TA-FV-1CD NO. 17
CAPACITY	830946 A/B , 830947A/B
MANUFACTURER	4875 M3/MN
DATE	NAKASHIMA MFG CO.LTD.OSAKA
	1985

Table (5) GAS RECIRCULATION FAN

GAS RECIRCULATION FAN	
TYPE	
MFG. NO.	NV-ICD NO.18
CAPACITY	830948 , 830949
MANUFACTURER	6500 M3/MN
DATE	NAKASHIMA MFG CO.LTD.OSAKA
	1985

Table (6) STEAM AIR HEATER DRAIN PUMP

STEAM AIR HEATER DRAIN PUMP 1/2-HD-PP-501A+B	
TYPE	
CAPACITY	100X50-2VCW AM-V
MANUFACTURER	6.3 T/H
NUMBER OF SET	MITSUBISHI
SERIAL NO.	4 SETS
DATE	21904-07
	1985

STEAM AIR HEATER DRAIN TANKS 1/2-HD-TK-501A/501B	
TYPE	HORIZONTAL
CAPACITY	639 M2
MANUFACTURER	OSAKA BOILER MFG.
NUMBER OF SET	4 SETS
DATE	1985

Table (7) REBOILER Data

REBOILER FEED WATER PUMP 9-HD-PP-601A/B	
MANUFACTURER	TORISHIMA PUMP MFG.
TYPE	WKA 40/4
CAPACITY	195 L/MIN
SERIAL NO	KP 367141 (4504J)
DATE	1985

REBOILER AND DEAERATOR ASSEMBLY	
MANUFACTURER	SEO KOATSU KOGYO
TYPE	SHELL AND TUBE
CAPACITY	11000 F.W. & STEAM 11120 HEATING STEAM
SERIAL NO	4054 A1/B1 , 4054 A2/B2
DATE	1985

SUPERHEATER	
MANUFACTURER	SEO KOATSU KOGYO
TYPE	SHELL AND TUBE
CAPACITY	1100 KG/H
SERIAL NO	4054 C1/C2
DATE	1985

DRAIN COOLER	
MANUFACTURER	SEO KOATSU KOGYO
TYPE	SHELL AND TUBE
CAPACITY	1100 KG/H
SERIAL NO	4054 D1/D2
DATE	1985

Table (8) H.F.O MAIN HEATER

H.F.O MAIN HEATER	
TYPE	U- TUBE TYPE STEEM IN TUBES
CAPACITY	33000 KG/H
TEMPERATURE	INLET 50 OC , OUTLET 135 OC
DESIGN PRESS.	OIL 40KG/CM2G - STEAM 10 KG/CM2G
DESIGN TEMP.	OIL 150 OC , STEAM 185 OC
NUMBER OF SET	4 SETS
THERMAL CAPACITY	5.7 X 106 KJ/H
STEAM FLOW	2720 KG/H

Table (9) FEED WATER PUMP

FEED WATER PUMP 1/2-FW-PP-502A+B+C	
TYPE	7 STAGES MDG 267
CAPACITY	247 T/HR
MANUFACTURER	mitsubishi
NUMBER OF SET	6 SETS
SERIAL NO.	21209-14
DATE	1984

B F D BOOSTER PUMP 1/2-FW-PP-501A+B+C	
TYPE	SMJ6X8X13L
CAPACITY	247 T/HR
MANUFACTURER	MITSUBISHI
NUMBER OF SET	6 SETS
SERIAL NO.	134848-53
DATE	1984

HYDRAULIC COUPLING 1/2-FW-HC-501A+B+C	
TYPE	R-14K-375
CAPACITY	1667KW
MANUFACTURER	VOITH TURBO GMBH
NUMBER OF SET	6 SETS
SERIAL NO.	841731-33
DATE	1984

Table (10) CLOSED CYCLE COOLING WATER PUMP

TYPE	HORIZAONTAL, CENTRIFUGAL
MANUFACTURER	K.S.B
MANUFACTURE TYPE	RDL-250-340 A
SERIAL NO	84/15222A-84/15225A
MANUFACTURING DATE	1984
CAPACITY	880 M3/H
TOTAL HEAD	35 M.W.G
SPEED	1485 R.P.M
RATING	12 K.W
V/PH	400 / 3
COULING TYPE	NEUPEX B225
MECHAVICAL SEAL TYPE	DURA KUO-80-S1/SBV-GG
MATERIALS	
CASING	GG-25
CASING RING	GZ-CUSN7ZNPb
IMPELLER	G-OUSN10
IMPELLER RING	G-OUSN10
SHAFT	X5CRNI 18/9
SHAFT SLEEVES	CHROMM STEEL NO. 1.4136
WEIGHT	
PUMP	543 KG
MOTOR	1004 KG
COUPLING	25 KG
BASE PLATE	203 KG

Table (11) Generator Data

TYPE	SGTHC 244402
Power rating	160 MVA
Rated power factor	0.85
Rated Voltage	15 kv
Rated Current	6.759 kA
Rated frequency	50 Hz
EXCITATION SYSTEM DATA	
Standards	I.E.C
Type of static exciter	ES 201
Power rating	310 KW
Rated Voltage	220 V
Rated Current	1.412 KA
EXCITATION TRANSFORMER	
TYPE	LNAN
Rated power	1.000 KVA
No- Load secondary voltage	450 V
Reactance	7 %
Vector group	Yd11

Table (12) 6.6 kv motors for FDF

MOTOR	F.D.Fan
Type	F4KT-H2W
Rated Current	100 A
Speed	985 RPM
Load	950 KW
Weight	6600 KG
IC	161
IP	W55
starting CURRENT/A P.U	7
starting TIMES/S	20
Bearing type DE	6234 CM
Bearing type NDE	NU224CM
Running hour per greasing cycle/hour	2500
"greasing Qty(gm.)" DE	80
"greasing Qty(gm.)" NDE	45
Year	1986
MAN	MITUBIS
Bearing Temp. protection alarm	65 °C
Bearing Temp. protection trip	N/A
Winding Temp Protection	125 °C
Winding Temp Protection	N/A

Table (13) 6.6 kv motors for GRF

MOTOR	G.R.Fan
Type	F4KT-H1W
Rated Current	58 A
Speed	740 RPM
Load	520 KW
Weight	5500 KG
IC	161
IP	W55
starting CURRENT/A P.U	4.6
starting TIMES/S	37
Bearing type DE	6230 CM
Bearing type NDE	NU224CM
Running hour per greasing cycle/hour	2500
"greasing Qty(gm.)" DE	60
"greasing Qty(gm.)" NDE	45
Year	1986
Bearing Temp. protection alarm	N/A
Bearing Temp. protection trip	N/A
Winding Temp Protection	N/A
Winding Temp Protection	N/A

Table (14) AUXILIARY OIL PUMP

AUXILIARY OIL PUMP	
TYPE	DCV-200-LVE
CAPACITY	19 L/S
MANUFACTURER	ELVA DAIKIN KOGYO CO LTD
MANUFACTURING DATE	1984
WORKING DATE	1986
DWG. NO	ELVA DAIKIN KOGYO CO LTD

Table (15) 6.6 kv motors for BFP

MOTOR	Motor for Boiler Feed Pump
Type	F4KB-H2
Rated Current	200 A
Speed	1480 RPM
Load	2000 KW
Weight	7400 KG
IC	1
IP	23
starting CURRENT/A P.U	5
starting TIMES/S	5
Bearing type DE	oil/sleeve Ø160/Ø270/ L194
Bearing type NDE	il/sleeve Ø160/Ø270/ L194
Running hour per greasing cycle/hour	2500
Year	1984
MAN	mitsubishi electric
Bearing Temp. protection	85 °C
Winding Temp Protection	125 °C

Table (16) 6.6 kv motors for CWP

MOTOR	CWP
Type	MVT800-L12P
Rated Current	189 A
Speed	497 RPM
Load	1700 KW
Weight	17000 KG
IP	55
starting CURRENT/A P.U	5.2
starting TIMES/S	20
Bearing type DE	NU248C3
Bearing type NDE	EVE KUGR.09
Running hour per greasing cycle/hour	4300
"greasing Qty(gm.)" DE	130
"greasing Qty(gm.)" NDE	0
Year	1984
MAN	ERCOL MARELLI EMG
Bearing Temp. protection alarm	90 °C
Bearing Temp. protection trip	100 °C
Winding Temp Protection	200 °C
Winding Temp Protection	N/A

Table (17) 6.6 kv motors for Cond Ex

MOTOR	COND.EX
Type	MVT 355 140
Rated Current	29 A
Speed	1483 RPM
Load	280 KW
Weight	3200 KG
starting CURRENT/A P.U	2.8
starting TIMES/S	1.8
Bearing type DE	NU319 CM
Bearing type NDE	NU319 CM
Running hour per greasing cycle/hour	4300
"greasing Qty(gm.)" DE	45
"greasing Qty(gm.)" NDE	45
Year	1984
Bearing Temp. protection alarm	90 °C
Bearing Temp. protection trip	100 °C
Winding Temp Protection	N/A
Winding Temp Protection	N/A

Table (18) Tv Fan

AC T.V. COOLING AIR FAN 1/2-SL-FN-01A/01B	
TYPE	S-P-D-NO 5 1/2
CAPACITY	8.6 M3/MN
MANUFACTURER	NAKASHIMA MFG CO.LTD.OSAKA
MFG. NO.	6 SETS840566-1/2 , 850358-1/2
DATE	1985

DC T.V. COOLING AIR FAN 1/2-SL-FN-02A/02B	
CAPACITY	1.0 M3/MN
MANUFACTURER	NAKASHIMA MFG CO.LTD.OSAKA
MFG. NO.	840567-1/2 , 850359-1/2
DATE	1985

Table (19) Ignitor Fan

IGNITOR AIR FAN 1/2-IG-FN-01A/01B	
TYPE	AF-GD NO 6 1/2
CAPACITY	200 M3/MN
MANUFACTURER	NAKASHIMA MFG CO.LTD.OSAKA
MFG. NO.	840298-1/2 , 840299-1/2
DATE	1985

Table (20) Flame scanner cooling fan

AC FLAME SCANNER COOLING FAN 1/2-SL-FN-03A/03B	
TYPE	SP-D-NO.5 1/2
CAPACITY	15 M3/MN
MANUFACTURER	NAKASHIMA MFG CO.LTD.OSAKA
MFG. NO.	840564-1/2 , 850356-1/2
DATE	1985

DC FLAME SCANNER COOLING AIR FAN 1/2-SL-FN-004	
TYPE	SP-D-NO 3 1/2
CAPACITY	15 M3/MN
MANUFACTURER	NAKASHIMA MFG CO.LTD.OSAKA
MFG. NO.	840565 , 850357
DATE	1985

Table (21) Electro Hydraulic Pump

ELECTRO HYDRAULIC PUMP
VAN TYPE DOUBLE PUMP
FC-PP-001 A/B UNIT 1+2
SERIES : T3SB - T3SCB

TYPE	T3SCB-017-004-2R-02-A5
MANUFACTURER	ABEX-DENISON
MANUFACTURING DATE	1984
Working Date	1984
FLOW MAIN PUMP	79 L/M
FLOW AUXILIARY PUMP	19 L/M
OPERATIONG PRESSURE	110-125 KG/CM2
SPEED	1450 RPM
DWG. NO	S2-T2 50 D
ELECTRIC MOTOR MARELLI TYPE	NVE 225-DS4

Table (22) Turning Oil Pump

TURNING OIL PUMP
 VERTICAL SHAFT CENTRIGUGAL PUMP
 A.C. MOTOR DRIVEN LUBE OIL PUMP
 LO-PP-002/3+4 (1+2)

TYPE	DCV-200-LVE
MANUFACTURER	ELVA DAIKIN KOGYO CO LTD
MANUFACTURING DATE	1984
Working Date	1986
Capacity	19 L/S
DWG. NO	FIG.1 4500-3/21

Table (23) Hydrogen Plant

Hydrogen Plant	
Technical data	
Direct current rating	22V - 750 A
Adjustment	Automatic constant current Control at set point adjusted on potentiometer R1
Range of adjustment	0 - 100
Mains Power Supply	3 Phase AC 415 V 50 Hz
Mains nominal current	32,9 A

Table (24) Main Transformer

Main Transformer	
Manufacturer	ITALY - O.T.E
Year of Manufacturer	1984
Cooling	ONAN \ ONAF
Frequency	50 Hz
Number of Phase	3
Nominal Power Voltages and Currents	Primary 120 \ 160 MVA
	Secondary 120 \ 160 MVA
Connections	Prim Star Δ \ Sec. Y
oil	40000 Kg
Unthanking	80000 Kg
Total	189000 Kg
Transport	93000 Kg

Table (25) Unit Auxilliary Transformer

Unit Auxilliary Transformer	
Manufacturer	ITALY - O.T.E
Year of Manufacturer	1984
Cooling	ONAN \ ONAF
Frequency	50 Hz
Number of Phase	3
Nominal Power Voltages and Currents	Primary 12 \ 14 MVA
	Secondary 12 \ 14 MVA
Connections	Prim Star Δ \ Sec. Y
oil	7600 Kg
Untanking	13000 Kg
Total	30000 Kg
Transport	16000 Kg

Table (26) Excitation system with Transformer

Excitation system with Transformer	
Manufacturer	Italy - Ercole Marelli Nuova EMG
Cooling	LNAN
Rated Frequency	50 Hz
Rated Power	1000 KVA
Connections	Prim Star Y \ Sec. Delta Δ
Ratio	15 \ 045 KV
Silicon oil	800 Kgs
Untanking	2100 Kgs
Total	4100 Kgs
Filed Voltage	
At the Gap	(VET) 85.1835 V
Under no load condition	(VEO) 95.18 V
Under Rated Load	(VEN) 220 V

Table (27) HYDRAULIC RECOVERY TURBINE

THE TURBINE, OF THE VERTICAL AXIS FRANCIS TYPE COUPLED TO A SYNCHRONOUS THREE PHASE GENERATOR, HAS BEEN DESIGNED FOR THE FOLLOWING OPERATION DATA :

HEAD (H) = 25.5 28.4 30.5 (M)
DISCHARGE (Q) = 10.6 7.95 5.3 (M³/S)
POWER (P) = 2400 1961 1142 (KW)
SPEED (N) = 375 (RPM)
RUNAWAY SPEED NO. = 750 (RPM)

THE ELEVATIONS OF UPSTREAM AND DOWNSTREAM HYDRAULIC LEVELS ARE:

UPSTREAM (SEAL WELL) :

TOO HIGH LEVEL : 34.60 M

HIGH LEVEL : 33.50 M

LOW LEVEL : 31.00 M

TOO LOW LEVEL : 30.00 M

DOWNSTREAM:

MAX. LEVEL WITH Q=10/10 : 0.40

MIN. LEVEL WITH Q= 5/10 : - 1.30 M

FRANCIS TURBINE CONSISTING OF:

1. DRAFT TUBE .

TECHNICAL DATA :

INLET DIAMETER: 1315 MM

OVERALL DIMENSIONS : abt. 6500X2900X4400 MM

WEIGHT : abt. 8800 KG

2. BOTTOM RING.

TECHNICAL DATA :

OVERALL DIMENSIONS : Q 1980X102 MM

WEIGHT : abt. 1230 KG

3. SPIRAL CASE - STAY RING

TECHNICAL DATA :

OVERALL DIMENSIONS : 5000X5113X2196 MM

WEIGHT : abt. 8300 KG

4. TOP COVER

TECHNICAL DATA :

OVERALL DIMENSIONS : Q 2198X815 MM

WEIGHT : abt. 5200 KG

5. WICKET-GATE

TECHNICAL DATA :

WICKET-GATE DIAMETER: 1675 MM

12 GATES

6. SERVOMOTOR.

TECHNICAL DATA :

DIFFERENTIAL SERVOMOTOR : Q 490/345 MM

NOMINAL STROKE : abt. 181 MM

MAX. OPERATING PRESSURE : 60 KG/CM²

WEIGHT : abt. 1230 KG

7. RUNNER.

TECHNICAL DATA :

13 GATES

OVERALL DIMENSIONS : Q 1359X780 MM

WEIGHT : abt. 1200 KG

8. SHAFT.

TECHNICAL DATA :

OVERALL DIMENSIONS : NOMINAL Q 250X1497 MM

WEIGHT : abt. 580 KG

9. FLYWHEEL.

TECHNICAL DATA :

OVERALL DIMENSIONS : Q 2500X498 MM

WEIGHT : abt. 5750 KG

10. SHAFT MECHANICAL SEAL AND EMERGENCY SEAL.

TECHNICAL DATA :

SLIDING DIAMETER OF THE SHAFT MECHANICAL SEAL: abt. 400 MM

BEARING TYPE : RENK WULFEL EVEKU 012

TURBINE BUTTERFLY VALVE DN 1800 MM

MAX. OPERATION PRESSURE : 4.2 KG/CM²

TEST PRESSURE : 15.57 KG/CM²

TOTAL WEIGHT (VALVE, SERVOMOTOR AND COUNTERWEIGHT) = abt. 10700KG

DISSIPATING ENERGY VALVE

Q MIN. = 5300 L/S

Q MAX. = 10600 L/S

UNDER A HEAD (H) RANGING FROM 25.5 M TO 30.5 M

FRANCIS TURBINE CONSISTING OF:

1. DRAFT TUBE .

TECHNICAL DATA :

INLET DIAMETER: 1500 MM

OUTLET DIAMETER: 1600 MM

SLIDING CYLINDER DIAMETER : 650 MM

WEIGHT : abt. 3150 KG

2. OUTER BODY AND PERFORATED SLEEVE.

TECHNICAL DATA :

OVERALL DIMENSIONS : 2655X2300 MM

OUTER BODY INLET DIAMETER : 1600 MM

OUTER BODY OUTLET DIAMETER : 1900 MM

PERFORATED SLEEVE DIAMETER : 1700 MM

PERFORATED SLEEVE HOLES : NO. 132

PERFORATED SLEEVE HOLES : Q 88 MM

TOTAL WEIGHT = abt. 5850 KG

3. DISCHARGE CONE.

OVERALL DIMENSIONS : Q 2120X700

INLET DIAMETER: 1700 MM

OUTLET DIAMETER: 1400 MM

WEIGHT : abt. 1100 KG

4. PISTON / SLIDING CYLINDER

TECHNICAL DATA :

PISTON DIAMETER : 650 MM

SLIDING CYLINDER DIAMETER : 1790 MM

WEIGHT : abt. 3350 KG

5. CONTROL SERVOMOTOR.

Table (28) Hydraulic Recovery Generator

Machine Technical Data

Nominal Rating	2710 KVA
Rated Voltage	6600 V
Rated current	237 A
Power Factor	0.85
Rated Frequency	50 Hz
Rated Speed	375 RPM
Synchronous Speed	375 RPM
Over speed	1050 RPM
Phases	3
Winding Connection	λ
Temperature rise	68 k
Max. ambient temperature	55 °C
Rated excitation current	393 A
Rated excitation voltage	54 V
Insulation class rotor	F
Insulation class stator	F
Direct axis synchronous X _d	130%
Transient X' d	35%
Sub transient X'' d	20%

Exciter Technical Data

Nominal Rating	23.8 KVA
Rated Voltage	45.5 V
Rated current	301.8 A
Power Factor	0.95
Rated Frequency	50 Hz
Manufacture	44573
Type	SAT
Phases	3
Winding Connection	λ
Rated excitation current	16.9 A
Rated excitation voltage	317 V
Insulation class rotor	F
Insulation class stator	F

Table (29) STEAM CONDENSER

TYPE	RAIDIAL FLOW SURFACE, SERIAL
MANUFACTURER	NO: 10525-10526
MANUFACTURING DATE	FRANCO TOSI
BRAND	1985
MFCT. NO	F.T
	MS-CB-001 UNIT 1+2

Table (30) CIRCULATING WATER PUMP

CW.PP.001 A/B UNIT 1+2

TYPE	HORIZONTAL CENTRIFUGAL, CV 1000
Q	9540 M3/HR
HEAD	45.6 M
B.H.P	1444 K.W
SPEED	495 R.P.M
SER. NO	99961/A - 99987-99955/A-99955/B
MANUFACTURER	TERMOMECCANICA
WORKING DATE	1995 (2 MUMPS) , 1996 (1 PUMP) , 1999 (2 PUMPS)
SUCTION BELL	S.S 316L
IMPELLER	CAST DUPLEX S.S (GX3CrNiMoCuN 26.6.3.3)
DIFFUSER	CAST DUPLEX S.S (GX3CrNiMoCuN 26.6.3.3)
WEARING RINGS	AUSTENITIC S.S 316L
IMPELLER NUT	AUSTENITIC S.S 316L
SHAFT	FORGED AUSTENITIC S.S 316L
SHAFT SLEEVES	AUSTENITIC S.S 316L
GUIDE BEARINGS	AUSTENITIC S.S 316L
INTERMEDIATE PUMP CASING	FABRICATED AUSTENITIC S.S 316L
INTERNAL PARTS OF PUMP UPPER CASING	FABRICATED AUSTENITIC S.S 316L

Table (31) PRIMING VACUUM PUMP

VP-PP-001A/B UNIT 1+2

TYPE	PLM 32/2C.B2.2
SER. NO	085790-085791-085792
MANUFACTURER	POMPETRAVAINI
WORKING DATE	1986
CAPACITY	70 M3/HR

Table (32) OIL VAPOR EXTRACTOR

OV-FN-001 A/B UNIT 1+2

TYPE	00388OM/003881
MANUFACTURER	BORGHT VALENTINO
WORKING DATE	1986
CAPACITY	720 NMC/H

Table (33) SEAL OIL SYSTEM

**SEAL OIL A.C PUMPS
SO-PP-02 UNIT 1+2**

TYPE	3GRM
SER. NO	740550/735796 735796
MANUFACTURER	WORTHINGTON ROTORY PUMP
WORKING DATE	1986
CAPACITY	-

SEAL OIL D.C PUMPS

SO-PP-01A/B UNIT 1+2

TYPE	3GRM
SER. NO	735796/2 - 735796
MANUFACTURER	WORTHINGTON ROTORY PUMP
WORKING DATE	1986
CAPACITY	-

SEAL OIL VACUUM PUMPS

SO-PP-03 1&2

TYPE	ROTARY PISTON PUMP
MODEL	KD-30
SER. NO	83-1244/K 50759
MANUFACTURER	G.S KINNEY VACUUM
WORKING DATE	1986
CAPACITY	56 M3/H

SEAL OIL VACUUM PUMPS (NEW 2015)

TYPE	ROTARY PISTON PUMP
MODEL	KD30AGD-SYS-1196E
SER. NO	1602
MANUFACTURER	TUTHILL / USA
MANUFACTURING DATE	2015
CAPACITY	56 M3/H
MOTOR	230 V , 4.35/2.5 A , 1.1 KW, IM B5, 50HZ (MANUFACTURER: SIEMENZ)
SPEED	571 R.P.M

SEAL OIL VACUUM PUMPS (NEW 2018)

TYPE	ROTARY PISTON PUMP
MODEL	KD30AGD-SYS-1196
MANUFACTURER	TUTHILL / USA
MANUFACTURING DATE	2018
CAPACITY	56 M3/H
MOTOR	XPFC-3/50/220-380-440 , H.P: 1.5, CLASS I, DIVISION I GROUP D
SPEED	571 R.P.M

**D.C SEAL OIL PUMP GEAR MOTOR
1/2-SO-GM-03**

TYPE	CV 9.792
SERIAL NO	40521
MANUFACTURER	C. SACER DOTI / ITALY
WORKING DATE	1986
CAPACITY	5.5/1

SEAL OIL PUMPS GEAR MOTOR
SO-MG-20 1+2

TYPE	CV:9.792 2500
MANUFACTURER	C. SACER DOTI / ITALY
WORKING DATE	1986
CAPACITY	7.2 KW

SEAL OIL VACUUM PUMP GEARMOTOR
SO-MG-03 UNIT 1+2

TYPE	CV 3044
SERIAL NO	40519 1 AND 2
MANUFACTURER	SACERDOTA
WORKING DATE	1986
CAPACITY	4.08/1RATO

SEAL OIL CUNO FILTER
SO-FL-01 UNIT 1+2

TYPE	5105
SERIAL NO	2628/020
MANUFACTURER	FLEXIDER
WORKING DATE	1986

OIL VAPOR EXTRACTOR
OV-FN-001 A/B UNIT 1+2

TYPE	003880M/003881
MANUFACTURER	BORGHT VALENTINO
WORKING DATE	1986
CAPACITY	720 NMC/H

SEAL OIL COOLERS
SO-HX-01 UNIT 1+2

TYPE	ROW9
MANUFACTURER	BOLDROCCHI
WORKING DATE	1986
CAPACITY	15 M3/H

Table (34) DRUM SCREEN

9.CW.TS.001A/B

SERIAL NO	35308 , 35309
MANUFACTURER	HAWAKER SIDDELEY BRACKETT
WORKING DATE	1985
DIAMETER	10.4 M
OVERALL SCREN WIDTH	4.3 M
NETT EFFECTIVE WIDTH	3.5 M
HEIGHT OF SCREEN ABOVE DECK	1.8 M
MAX. DESIGN DIFFERENTIAL	1.5 M
SCREEN PERIPHERAL SPEED	2M/MIN & 8M/MIN

MOTOR

TYPE	DUAL WOUND SQUIRREL CAGE
POWER	4.5/9KW
SPEED	375/1500 RPM (NOMINAL)
ENCLOSURE	T.E.F.V. IP55
INSULATION	CLASS F
SUPPLY	400V 3PH 50HZ
GEARBOX TYPE	FLENDER (CAVEX) TYPE : CCUH250, UNDERDRIVEN
OVERLOAD CLUTCH	BIBBIGARD ACP500 WITH LIGHT DUTY SPRINGS
CLUTCH TORQUESETTING	84.45 lbf.FT (114.5Nm)
PINION SHAFT BEARINGS	COPPER 01 BCP (ONE EX. ONE CR)

Table (35) GLAND STEAM CONDENSER VAPOR EXTRACTOR FAN

GS-XH-001 A/B

TYPE	RADIAL FAN-45L-90/125R C54242
SERIAL NO	009286/83-009282/84
MANUFACTURER	BOLORICCHI / ITALY
WORKING DATE	1986
CAPACITY	720 NM3/H
STATIC PRESSURE	1000MMH2O
SPEED	290 R.P.M.
BRAKE POWER MAX	7.5 KW
MOTOR NAMEPLATE RATING	11 KW
MOTOR COUPLED	MARELLI TYPE MV160 MG 2, KW 11, R.P.M 2910

Table (36) C.C.C.W HEAT EXCHANGERS

CO-HX-101 A/B UNIT 1+2

TYPE	SHELL AND TUBE BUNDLE
SERIAL NO	10819/10518/10510-11
WORKING DATE	1985
CAPACITY	1540 M3/HR
SURFACE	500M2
PRESSURE TUBE SIDE	3.5 KG/CM2 G
MANUFACTURER	F.TOSI
PRESSURE SHELL SIDE	808 KG/CM2 G
TEMPERATURE TUBE SIDE	50 C
TEMPERATURE SHELL SIDE	50 C
TEST PRESSURE TUBE SIDE	5.3 KG/CM2 G
TEST PRESSURE SHELL SIDE	13.2 KG/CM2 G
FLOW TUBE SIDE	0.43 M3/S
FLOW SHELL SIDE	0.24 M3/S
PRESSURE TUBE SIDE	1.2 KG/CM2 abs
PRESSURE shell SIDE	6 KG/CM2 abs
TEMPERATURE TUBE SIDE	32 C
TEMPERATURE SHELL SIDE	39 C
HEAT DUTY TUBE SIDE	3260 KW
HEAT DUTY SHELL SIDE	3260 KW

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة

محطة العقبة الحرارية

ملحق رقم (10): برامج الصيانة التي تمت على الوحدات موضوع البيع.

Unit ID	Outage Date	duration-hrs	duration-days	State	outage 1st out
2	3/12/1993	2232:00:00	93:00:00	cold	Major Overhaul
1	12/18/1993	1612:16:00	67:10:40	cold	Major overhaul
1	11/22/1995	1224:33:00	51:01:23	cold	عمل حماية ارتفاع الاهتزاز على كراسي التحميل بسبب حدوث هزة ارضيه قوتها درجه 6.2 على مقياس ريختر ملاحظه:- الصيانه السنويه للوحده الاولى انجزت خلال فترة توقفها
2	11/22/1995	107:47:00	4:29:27	warm	عمل حماية ارتفاع الاهتزاز على كراسي التحميل بسبب حدوث هزة ارضيه قوتها درجه 6.2 على مقياس ريختر
1	1/1/1997	133:53:00	5:34:43	warm	COMMON SHUT DOWN " INSTALLING ISOLATION V/V ON SEA WATER LINE
2	1/1/1997	798:29:00	33:16:13	cold	YEARLY MAINTENANCE
1	2/21/1997	762:44:00	31:46:50	cold	Annual Maintenance
1	5/31/1997	317:05:00	13:12:42	cold	SEAL OIL OF HYDROGEN SHOWS AN ACCEPTABLE DEFECT
2	11/23/1997	890:00:00	37:05:00	cold	Annual Maintenance
1	12/31/1997	994:59:00	41:27:28	cold	INTERNAL DEFFCT ON GRF WHERE UNIT ANNUAL MAINTENANCE HAVE BEEN MADE DURING FIRING THE GRF
1	2/25/1998	80:19:00	3:20:48	warm	BOILER TUBF LEAKE & FLUE GASES LEAK & OTHER DEFECTS
2	3/13/1998	166:28:00	6:56:10	cold	ATOMIZING STEAM PRESS. LOW& REBOILER STEAM LEAK
1	6/13/1998	329:09:00	13:42:52	cold	BAD VACUUM PRESS. DUE TO THE ONLY CW P/P I/S TRIPPED BY CLOSING THE DISCHARGE CHECK V/V BY IT SELF
2	1/3/1999	167:43:00	6:59:17	cold	SPARK APPEARANCE FROM GEN. BRUSHES ROOM
2	3/11/1999	931:45:00	38:49:22	cold	Annual Maintenance
1	4/22/1999	499:43:00	20:49:18	cold	Annual Maintenance

1	11/12/1999	114:55:00	4:47:18	warm	TO RENEW THE SYSTEM TO BE IN ACCORDANCE WITH THE IMPLEMENTED SOLUTIONS OF Y2K PROBLEM
2	12/3/1999	64:18:00	2:40:45	warm	Y2K YEAR 2000 PROBLEMS SOLVING
1	1/7/2000	1070:50:00	44:37:05	cold	Annual maintenance
RT 1	2/23/2000	63:00:00	2:37:30	warm	Mln. Oil pressure signal acted.
2	2/29/2000	743:08:00	30:57:50	cold	Annual maintenance
1	4/4/2000	284:31:00	11:51:17	cold	To make some maintenance
RT 1	7/22/2000	123:30:00	5:08:45	warm	Lube oil temp reach 60 c and dissipating valve not open.
1	10/17/2000	57:00:00	2:22:30	warm	Washing on (GAH a+b)+(SAH a+b)
RT 1	1/7/2001	361:53:00	15:04:43	cold	Hrg & dissipating valve check and inspection
2	5/26/2001	220:34:00	9:11:25	cold	Thrust bearing high temp protection
2	6/21/2001	87:38:00	3:39:05	warm	Secondary super heater tube puncture
RT 1	9/4/2001	95:59:00	3:59:57	warm	Hrg upper bearing high temperature.
1	9/6/2001	78:27:00	3:16:07	warm	To washing GAH a/b and economizer
RT 1	9/24/2001	54:05:00	2:15:12	warm	Hrg upper bearing inspection due to high temp 71 c.
2	10/12/2001	1676:33:00	69:51:23	cold	Major overhaul
RT 1	11/3/2001	61:00:00	2:32:30	warm	Speed sensor defected.
RT 1	11/14/2001	69:00:00	2:52:30	warm	Speed signal generated alarm
RT 1	12/23/2001	90:38:00	3:46:35	warm	G .cooling system no flow TRIP SIGNAL RECEIVED.
2	1/18/2002	134:57:00	5:37:23	warm	Drum east safety valve repair.
1	2/22/2002	764:00:00	31:50:00	cold	Annual maintenance
RT 1	2/23/2002	195:30:00	8:08:45	cold	Recovery turbine speed control failure
RT 1	5/15/2002	90:35:00	3:46:27	warm	Loss of mech feed back for hrg wicked gate
RT 1	7/30/2002	934:03:00	38:55:08	cold	Dissipating valve stuck to open
1	1/23/2003	114:39:00	4:46:38	warm	Stop to repair sea water cooling return line.
2	1/24/2003	120:30:00	5:01:15	warm	To maintain sea water leakage from return cooling line.
RT 1	1/24/2003	129:45:00	5:24:23	warm	Stop due to both unit&2 stop.
RT 1	2/15/2003	63:32:00	2:38:50	warm	Speed error
RT 1	2/18/2003	888:30:00	37:01:15	cold	Stop to make maintenance for dissipating valve.
2	5/16/2003	177:04:00	7:22:40	cold	To repair some programmed defects.
RT 1	6/18/2003	94:20:00	3:55:50	warm	Hrg upper bearing high temperature.

RT 1	8/24/2003	167:25:00	6:58:33	cold	Dissipating valve not open.
1	9/18/2003	126:30:00	5:16:15	warm	Air preheater washing.
1	10/16/2003	2947:01:00	122:47:32	cold	Shut down for gas conversion project include major overhaul
2	1/2/2004	2655:47:00	110:39:27	cold	Charging firing system to NG
RT 1	1/3/2004	1065:45:00	44:24:23	cold	Both units 1& 2 stop for gas project and to install the seal weir gate
1	4/23/2004	73:13:00	3:03:02	warm	By contractor request to make some modification on NG
1	12/3/2004	1695:56:00	70:39:50	cold	To replace the chimney internal by steel.
2	3/25/2005	531:23:00	22:08:27	cold	Annual maintenance
1	1/15/2006	231:03:00	9:37:37	cold	Gen. overall diff. relay operated due to afire in the red phase * 132KV cable of MT1
RT 1	6/1/2006	51:25:00	2:08:32	warm	Repair cooling water leakage from the cooler.
1	11/23/2006	329:19:00	13:43:18	cold	Annual maintenance
2	12/11/2006	276:21:00	11:30:53	cold	Annual maintenance
1	12/30/2006	67:09:00	2:47:52	warm	Water & steam heavy leakage from HP heater 6 outlet MOV
1	8/1/2008	363:48:00	15:09:30	cold	Unit trip due to thrust bearing governer end metal temperature high
2	9/6/2008	417:10:00	17:22:55	cold	replace 132 KV by NEPCO + annual maintenance
1	9/24/2008	244:10:00	10:10:25	cold	unit shut down under NEPCO request to change 132 KV cable
1	10/13/2008	151:10:00	6:17:55	cold	1B GAS AIR HEATER FAILURE
1	2/4/2009	858:33:00	35:46:23	cold	Annual maintenance + EH control system replacement + chemical washing (acid cleaning)
2	10/22/2009	1214:11:00	50:35:28	cold	Major Overhaul. EH control system replacement. Generator alignment
RT 1	11/21/2009	467:00:00	19:27:30	cold	Maintain Hyd-1 return sea water basin
2	1/25/2010	445:01:00	18:32:32	cold	" Standby outage Under NEPCO Grid Control Requirement"
1	6/25/2010	129:29:00	5:23:43	warm	Unit stop due to HFO leak from burner 4 corner 4 cause fire inside boiler
1	7/1/2010	275:04:00	11:27:40	cold	Annual Maintenance
2	9/18/2010	404:25:00	16:51:03	cold	Annual Maintenance
2	10/6/2010	365:41:00	15:14:13	cold	Turbine control oil (EH) low pressure / Thrust bearing maintain
1	10/23/2010	75:20:00	3:08:20	warm	To wash both gas air heter

1	3/19/2011	1333:37:00	55:34:03	cold	Major Overhaul
RT 1	5/26/2011	395:27:00	16:28:37	cold	wicket gate internal failure
2	6/21/2011	147:25:00	6:08:33	warm	To wash gas air heaters
1	9/9/2011	219:15:00	9:08:07	cold	Gas air heater 1A stopped due to upper bearing oil leakage(maintain GAHA)
2	10/29/2011	382:28:00	15:56:10	cold	Under frequency -External cause 29/10/2011 14:00 unit forced outage (Generator seal ring defected) 31/10/2011 00:00 unit planded Annual maintfnance
1	3/21/2012	115:09:00	4:47:53	warm	To wash both GAHs
2	4/25/2012	118:07:00	4:55:17	warm	To wash gas air heaters
1	6/12/2012	129:12:00	5:23:00	warm	Unit stopped because Gas air heater (1B) tripped due to motor over load
1	9/1/2012	513:53:00	21:24:42	cold	Annual Maintenance
2	9/26/2012	516:41:00	21:31:42	cold	Annual maintenance
2	11/15/2012	52:54:00	2:12:15	warm	Standby outage Under NEPCO Grid Control Requirement
1	1/9/2013	76:57	3:12:22	warm	Standby outage Under NEPCO Grid Control Requirement
1	3/30/2013	107:15	4:28:08	warm	To wash both gas air heaters
2	5/31/2013	162:44	6:46:50	cold	To wash both gas air heaters (Unit trip furnace pressure very Hi-Hi)
2	6/21/2013	57:54	2:24:45	warm	To maintain gas air heater B upper guide bearing jacket ,has internal water leak mixed with oil
1	6/26/2013	115:41	4:49:13	warm	To wash both gas air heaters
1	7/25/2013	530:49	22:07:03	cold	"Unit trip due to generator protection . Thrust bearing was damaged. The shut down changed to annual maintenance
2	10/15/2013	391:09	16:17:53	cold	For washing under the ULO agreement with NEPCO, for both GAH and boiler.
1	11/2/2013	202:53	8:27:13	cold	For washing under the ULO agreement with NEPCO, for both GAH and boiler.
1	11/12/2013	367:28	15:18:40	cold	thrust bearing replace
2	11/18/2013	541:52	22:34:40	cold	annual maintenance-thrust bearing replace-internal acid cleaning-gah wash

RT 1	2/25/2014	49:15	2:03:08	warm	Unit trip during maintenance work on control oil discharge pressure regulator Unit kept out of service to perform the following work: Stop oil leak from turbine wicket gate / replace rubber ring Replace cathodic protection
2	6/4/2014	599:07	24:57:48	cold	ANNUAL S/D
1	8/9/2014	104:53	4:22:12	warm	gah 1b upper bearing oil leak
1	9/16/2014	580:01	24:10:02	cold	annual sd
2	1/7/2015	89:13	3:43:03	warm	tube puncture
2	5/15/2015	626:41	26:06:43	cold	annual+wash
1	6/27/2015	54:51	2:17:07	warm	nepco request
2	7/2/2015	267:09	11:07:52	cold	nepco request
1	7/11/2015	366:38	15:16:35	cold	nepco request
2	7/28/2015	124:17	5:10:42	warm	nepco request
1	8/20/2015	1084:48	45:12:00	cold	nepco request
1	10/6/2015	464:25	19:21:03	still off-change to annual	nepco request
1	10/26/2015	1026:15	42:45:38		annual+wash
1	12/8/2015	265:38	11:04:05		h2 leak
1	2/17/2016	49:06	2:02:45	hot	nepco request
1	2/19/2016	2069:04	86:12:40	cold	nepco request
2	5/15/2016	246:30	10:16:15	warm	drum l low + thrust bearing
1	5/27/2016	87:44	3:39:20	hot	excitation fault-trip
1	5/31/2016	443:15	18:28:07	cold	nepco request
2	7/1/2016	225:53	9:24:42	cold	nepco request
2	7/21/2016	79:30	3:18:45	warm	nepco request
1	8/9/2016	925:48	38:34:30		nepco request
2	9/9/2016	287:35	11:58:58		nepco request
2	9/21/2016	1447:30	60:18:45		MOH+wash
2	1/5/2017	141:54	5:54:45		stand by then i/s
2	1/14/2017	83:00	3:27:30		TUBE PUNCTURE
2	1/17/2017	254:42	10:36:45		FROM STAND BY TO IN SERVICE
2	1/29/2017	393:38	16:24:05		stand by to in service
2	2/20/2017	536:17	22:20:43		nepco request THEN I/S
1	3/16/2017	746:32	31:06:20		nepco request THEN I/S
1	4/26/2017	341:33	14:13:52		nepco request then i/s
1	5/25/2017	893:15	37:13:08		nepco request THEN I/S
2	6/15/2017	323:16	13:28:10		nepco request THEN I/S
2	3/8/2017	3851:28	160:28:40		nepco request THEN I/S
2	8/21/2017	66:47	2:46:58		nepco request THEN I/S
2	8/25/2017	390:06	16:15:15		nepco request
1	8/31/2017	103:50	4:19:35		nepco request THEN I/S
1	9/15/2017	605:11	25:12:57		nepco request
2	9/20/2017	57:30	2:23:45		nepco request THEN I/S
2	9/27/2017	388:50	16:12:05		nepco request then i/s
1	10/10/2017	1202:00	50:05:00		moh then available
1	11/29/2017	503:48	20:59:30		nepco request then i/s

2	10/17/2017	1253:29	52:13:42		nepco request then i/s
2	12/13/2017	55:30	2:18:45		nepco request THEN I/S
1	12/21/2017	276:34	11:31:25		nepco request THEN I/S
1	1/3/2018	57:53	2:24:42		nepco request THEN I/S
1	1/7/2018	202:03	8:25:07		nepco request THEN I/S
1	1/19/2018	103:31	4:18:48		nepco request
1	1/25/2018	81:47	3:24:28		nepco request THEN I/S
1	2/3/2018	540:10	22:30:25		nepco request THEN I/S
2	2/15/2018	57:17	2:23:13		nepco request THEN I/S
2	3/6/2018	151:19	6:18:18		nepco request THEN I/S
2	3/16/2018	222:23	9:15:58		nepco request THEN I/S
1	3/27/2018	1566:33	65:16:23		nepco request then i/s
2	4/6/2018	3988:52	166:12:10		nepco request THEN I/S
1	6/2/2018	870:07	36:15:18		nepco request THEN I/S
1	7/12/2018	8545:52	356:04:40		nepco request then i/s
2	9/24/2018	4113:50	171:24:35		nepco request THEN I/S
2	3/28/2019	1494:20	62:15:50		nepco request then i/s for fuel heating
2	5/29/2019	191:59	7:59:57		stop after fuel heating stop
2	6/24/2019	70:17	2:55:43		nepco request then i/s
2	6/28/2019	93:37	3:54:03		nepco request then i/s
2	7/4/2019	1149:46	47:54:25		nepco request then i/s to fuel heating
2	8/21/2019	96:00	4:00:00		nepco request
2	8/28/2019	1111:18	46:18:15		nepco request -hfo heating

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة

محطة العقبة الحرارية

ملحق رقم (11)

نظام الغاز الطبيعي

70-40 BAR PRS:CAPACITY 200000 M3/HR FOR
EACH LINE

2 LINES

2 REGULATOR PRESSURE VALVE

2 MONITOR VALVE

SLAM SHUT OFF VALVE

No	Item	Description	QTY ON
1	SN00057833	PILOT RMG 650 FOR RMG 512 DN 150 RANGE 20-90BAR	2
2	SN00057834	PILOT RMG 640 FOR RMG 502A DN 150/300 20-90BAR	2
3	SN00057835	PILOT RMG 670 FOR RMG 711 DN150 TYPE K-18 20-90BAR	2
4	SN00057836	REPAIR KIT FOR PILOT RMG 650	3
5	SN00057837	REPAIR KIT FOR PILOT RMG 640	2
6	SN00057838	REPAIR KIT FOR PILOT RMG 670 K-18	2
7	SN00057839	FILTER KNECHT KX06 FOR PILOT RMG 650(OD27XID10XH50	2
8	SN00057841	PISTON FOR PILOT RMG 650 D123MM	5
9	SN00057842	PISTON FOR PILOT RMG 670-K18	30
10	SN00057843	FORMED DIAPHRAGM FOR PILOT RMG 650	20
11	SN00057844	SEALING INSERT FOR DIAPHRAGM RMG 650	30
12	SN00057933	O-RING, 6 MM, 2.4 MM, 20225 P/N	30
13	SN00057934	O-RING, 4.5 MM, 1.8 MM, 20309 P/N	42
14	SN00057935	O-RING, 36 MM, 3.5 MM, 20336 P/N	2
15	SN00057936	O-RING, 47 MM, 1.8 MM, 20398 P/N	2
16	SN00057937	WASHER, 20 MM, 14 MM, 18842 P/N	2
17	SN00057938	NUT 12MM	45
18	SN00057939	O-RING, 44 MM, 1.8 MM, 20293 P/N	2
19	SN00057940	O-RING, 14 MM, 1.8 MM, 20332 P/N	4
20	SN00057941	O-RING, 41 MM, 1.8 MM, 20706 P/N, 2-030 TYPE	11
21	SN00057942	FORMED DIAPHRAGM FOR PILOT RMG 670	2
22	SN00057943	FLAT GASKET, 10000066 P/N	10
23	SN00057944	PISTON PREFABRICATED DIA=1.2MM FOR PILOT RMG 670	12
24	SN00057945	VALVE INSERT DIA=1.2MM FOR PILOT RMG 670	2
25	SN00057946	SUPPORT RING SU 68,8x75x1.4-P	2
26	SN00057952	FILTER KNECHT KX60(PILOT REG.)(OD28XID10XH58)PAPER	2
27	SN00057953	O-RING, 18.5 MM, 3.5 MM, 20282 P/N	4
28	SN00057954	O-RING, 34.6 MM, 1.8 MM, 20317 P/N	4
29	SN00057955	EXTERNAL CIRCLIP, 7 MM, 19065 P/N	2
30	SN00057956	WASHER, 11.5 MM, 8 MM, 18710 P/N	4
31	SN00057957	NUT	2
32	SN00057958	FLAT GASKET, 59 MM, 49 MM, 1 MM, 10000100 P/N, PILOT REGULATOR	6
33	SN00057959	PISTON PREFABRICATED DIA=3MM FOR PILOT RMG 650	6
34	SN00057960	VALVE INSERT DIA=3MM FOR PILOT RMG 650	4
35	SN00057961	O-RING, 3.7 MM, 1.8 MM, 20283 P/N	6
36	SN00057962	O-RING, 7.5 MM, 1.8 MM, 202231 P/N	4
			2

40 - 7 bar PRS FRANCE:

CONTAIN OF:
STATION CAPACITY 120000 M3/HR
EACH LINE
3 LINES
3 PRESURE CONTROL VALVE
GAS HEATER
DRAIN TANK
2 GAS FILTER
KNOCK OUT DRUM
MAIN TRIP VALVE

NO	Stock Code	DESCRIPTION	QTY
1	48203194350	SLAM SHUT V/V 8" WCB FLANGED 00HJG**AA002	1
2	53303194351	O-RING I.D 0240XTHK.3MM NBR 85 A2E	12
3	48203194352	REGULATING PLUG	2
4	48203194353	GUIDE	3
5	53553194354	COMPRESSION SPRING WIRE DIA.6XO.D93XL350MM 14COILS FLAT END	3
6	53303194355	O-RING I.D 0012XTHK.2MM NBR 85 A2E	9
7	48203194356	STEM L295	3
8	48203194357	SLEEVE	3
9	48203194370	COMPLETE GAS REGULATOR 40-7BAR	1
10	53303194371	SEAT O-RING 151X3 NBR 85A2E	9
11	53303194372	O-RING I.D 0180XTHK.2.5MM NBR 85 A2	12
12	53303194373	O-RING I.D 0086XTHK.2MM	7
13	48203194374	DIAPHRAGM O.D380 TYPE H9132	12
14	53303194375	O-RING I.D 0008.9XTHK.2.7MM NBR 60A2	12
15	53303194376	O-RING I.D 0016.9XTHK.2.7MM NBR 70A	10
16	53303194377	O-RING I.D 0027.8XTHK.3.6MM NBR 70A	7
17	53303194378	O-RING I.D 0040.64XTHK.5.33MM NBR 70	10
18	53303194379	BOTTOM O-RING 56.52X5.33 NBR 70	6
19	53303194380	PLUG O-RING 120.02X6.99 NBR 7	3
20	53303194381	BUSHING O-RING 17.17X1.78 NBR 85	4
21	48203194382	STEM FOR REGULATOR VALVE D16 L4	3
22	48203194383	REGULATING PLUG 130 FINITION	4
23	48203194384	SEAT D ISO S.G1	4
24	53553194385	COMPRESSION SPRING WIRE DIA.6XO.D48XL139MM 10COILS FLAT END	4
25	48203194386	BUSHING	3
26	48203194387	GUIDE	3
27	48203194388	CYLINDER	1
28	53103194389	NUT 14MM	3
29	48203194395	SAFETY V/V 8"(300)X10"(150) 13BAR A216 WCB FLANGED	2
30	53553194396	SET OF RINGS	3
31	48203194397	DISC	4
32	53553194398	COMPRESSION SPRING WIRE DIA.35XO.D180XL450 9COIL FLAT 2SEAT	3
33	48203194399	DISC HOLDER	1

34	53553194400	SPINDLE RETAINER	
35	48203194401	SPINDLE	3
36	48203194402	LOCK PIN FOR SLAM SHUT OFF V/V 3MM	3
			30

NO	MACHINE DESCRIPTION	STOCK DESCRIPTION	QTY
1	GAS FILTERING & PRS CONTROL CABINET	CONVERTER 24VDC (MARK T3,T4)	1
2	N.GAS HEATER	PISTON(SHUT OFF V/V)MAX.PRES.10BAR 1" 00HJG50AA007	1
3	N.GAS HEATER	PISTON SHUT OFF V/V MAX. PRESS.10BAR 3/4"	1
4	N.GAS HEATER	PHOTO ELECTRIC CELL,UV DETECTR HONEYWEL C7027A1049	2
5	N.GAS HEATER	COMPLETE LEVEL SWITCH MOD. ST26.6 (00HJG60CLO01)	3
6	N.GAS HEATER	MAIN POWER SW. FOR N.GAS HEATER CONTROL CARD.	3
7	N.GAS HEATER	AUXILIARY RELAY 24VDC TYPE 40.52S 8 PIN WITH SOCKET	6
8	N.GAS HEATER	OVERLOAD 690V 5.5-8A TYPE LR2K0314	2
9	N.GAS HEATER	GAS FILTER OD67XID28XH250MM 00HJG50AT001 PAPER	1
10	N.GAS HEATER	PILOT BURNER NOZZLE FOR GAS HEATER	1
11	N.GAS HEATER	IGNITION ELECTRODE	1
12	GAS FILTERING & PRS CONTROL CABINET	DC/DC TRANSDUCER (MARK BY01,BY02) 4-20MA	1
13	N.GAS HEATER	GAS HEATER COUNTER TYPE:010255 MODEL:XB5DSB	1
14	PRESSURE REDUCING STATION 40 TO 7 BAR	LIMIT SWITCH WITH CABLE FOR SLAM SHUT V/V	1
15	GAS FILTERING & PRS CONTROL CABINET	LED INDICATOR WHITE 24VAC (MARK H3 TO H19)	1
16	GAS FILTERING & PRS CONTROL CABINET	LAMP HOLDER FOR LED LAMP 230V 14MA (MARKH1) WHITE	1
17	GAS FILTERING & PRS CONTROL CABINET	LAMP HOLDER FOR LED LAMP 24V 18MA (MARKH2)RED	1
18	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	PILOT RMG 670 FOR RMG 711 DN150 TYPE K-18 20-90BAR	3
19	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	REPAIR KIT FOR PILOT RMG 670 K-18	2
20	PRESSURE REDUCING STATION 40 TO 7 BAR	PILOT FOR REG. V/V TYPE:MP ND 150 SIZE 71 4-16 BAR	2

21	PRESSURE REDUCING STATION 40 TO 7 BAR	STABILIZER FOR REG.V/V MP ND 150 SIZE 71 4-16 BAR	1
22	PRESSURE REDUCING STATION 40 TO 7 BAR	RELEASE RELAY SLAM SHUTOFF V/V SIZE 071 PS 16 BAR	6
23	N.GAS HEATER	MONOPHASE TRANSFORMER 415 VAC/220 VAC	1
24	N.GAS HEATER	POWER SUPPLY 415VAC / 24VDC MODEL CL1024/400	2
25	N.GAS HEATER	LEVEL GLASS TUBE FOR GAS HEATER WATER TANK	2
26	GAS TURBINE METER FLOW INTEGR	GAS TURBINE FLOW METER FOR PRS 10"	3
27	N.GAS HEATER	POWER SUPPLY 220VAC/24VDC 10A TYPE: XCSF10	1
28	N.GAS HEATER	EMERGENCY STOP PUSH B.MODEL:M-0446EEXD ATEX 0225U	1
29	PRESSURE REDUCING STATION 40 TO 7 BAR	EXHAUST CAP FOR PILOT REGULATOR MP ND 150	22
30	PRESSURE REDUCING STATION 40 TO 7 BAR	MECHANISM SET FOR SLAM SHUT OFF VALVE	2
31	PRESSURE REDUCING STATION 40 TO 7 BAR	O-RING I.D 0026XTHK.3.6MM 520	24
32	PRESSURE REDUCING STATION 40 TO 7 BAR	SLAM SHUT-OFF VALVE MECHANISM BOX	3
33	PRESSURE REDUCING STATION 40 TO 7 BAR	OVERLOAD 690V 5.5-8A TYPE LR2K0314	1
34	PRESSURE REDUCING STATION 40 TO 7 BAR	MECHANICAL SW PNEUMATIC 3 WAY FOR MAIN TRIP V/V	1
35	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	NUT 12MM	2
36	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	WASHER A14X20	45
37	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	O-RING I.D 0006XTHK.2.4MM	42
38	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	O-RING I.D 0044XTHK.1.8MM	4
39	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	O-RING I.D 0004.5XTHK.1.8MM	2
40	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	O-RING I.D 0014XTHK.1.8MM	11
41	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	O-RING I.D 0036XTHK.3.5MM	2
42	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	O-RING I.D 0047XTHK.1.8MM	2
43	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	O-RING I.D 0041XTHK.1.8MM 2-030	2

44	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	SUPPORT RING SU 68,8x75x1.4-P	2
45	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	SEALING GASKET (INSERT)	12
46	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	PISTON FOR PILOT RMG 670-K18	20
47	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	FORMED DIAPHRAGM FOR PILOT RMG 670	10
48	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	VALVE INSERT DIA=1.2MM FOR PILOT RMG 670	2
49	SLAM SHUT OFF VLV RMG 711-150-K18/HA-F1	PISTON PREFABRICATED DIA=1.2MM FOR PILOT RMG 670	2
50	PRESSURE REDUCING STATION 40 TO 7 BAR	GAS FILTER OD11XID7XH32CON FOR THE PILOTING SYS..	7
51	PRESSURE REDUCING STATION 40 TO 7 BAR	DIAPHRAGM O.D71MM FOR PILOT REGULATOR MP DN 150	35
52	PRESSURE REDUCING STATION 40 TO 7 BAR	STANDARD PACKING (GLAND AND STEM) PE BM TYPE OSE	12
53	PRESSURE REDUCING STATION 40 TO 7 BAR	REPAIR KITS FOR PILOTS OF REGULATOR 00HJGAA003	1
54	PRESSURE REDUCING STATION 40 TO 7 BAR	PLUG SEAT ASSEMBLY FOR STABILIZER	6
55	PRESSURE REDUCING STATION 40 TO 7 BAR	PLUG SEAT ASSEMBLY FOR PILOT	7
56	LIMIT SWITCH	GAS SHUT OFF V/V LIMIT S.W HDXH2 250VAC 5A	3
57	PRESSURE REDUCING STATION 40 TO 7 BAR	CAP O-RING FOR PILOT REGULATOR MP DN150	24
58	GAS FILTERING & PRS CONTROL CABINET	POWER SUPPLY 24VDC 15A (MARK T1,T2)	1

flow station components

main trip valve
 main flow control valve
 start up flow control valve
 isolation valves
 silencer
 pressure transmitter
 flow transmitter
 temperature transmitter

detail components instrumentation

NO	Item	Description	MC	MD
1	SN00 0537 90	TRANSF. 415/120-0-120 1.25A 300VA 1FASE POS.T11/12	615014E LF01	MAIN TRANSFORM ERS (120/160) MVA
2	SN00 0579 11	SOLENOID VALVE, 24VDC VDC, 42371 INCH, 3WAY PORT, GAS SH UT OFF VALVE FOR, 12600014 P/N	669514G AS05	SOLENOID VALVE
3	SN00 0578 95	SOLENOID VALVE COIL, 24VDC VDC, 43002091 P/N, - GAS SHUT OFF VALVE 12600002 EEXD FOR	669514G AS05	SOLENOID VALVE
4	SN00 0579 09	PRESSURE REGULATOR, AIR, 0-10 BAR PSI, FS15B- 11 TYPE, FLOWSERVE FOR, FLOWSERVE MFG	669514G AS06	CONTROL VALVE (FLOWSERVE)
5	SN00 0579 28	O-RING, 379 MM, 4 MM, 54 P/N, FOR DIAPHRAGM TYPE:NR3 FOR	669514G AS06	CONTROL VALVE (FLOWSERVE)
6	SN00 0578 80	PRESSURE REGULATOR, AIR, 0-12 BAR PSI, 11 CONN, PB45730- N067 TYPE, FLOWSERVE MFG	669514G AS06	CONTROL VALVE (FLOWSERVE)
7	SN00 0578 83	DIAPH. OD. 200MM KIT N.1(S.M/NR1/NX1)2"	669514G AS06	CONTROL VALVE (FLOWSERVE)
8	SN00 0578 81	I/P POSITIONER RELAY (S/E RELAIS I/P)	669514G AS06	CONTROL VALVE (FLOWSERVE)
9	SN00 0579 13	DIAPHRAGM O.D420MM HJG10/20AA002 FLOWSRVE CONTROL V ALVE	669514G AS06	CONTROL VALVE (FLOWSERVE)
10	SN00 0579 27	O-RING, 272 MM, 3 MM, 54 P/N, FOR DIAPHRAGM TYPE:NX2 FOR	669514G AS06	CONTROL VALVE (FLOWSERVE)

11	SN00 0579 26	ADHESIVE FOR DIAPHRAGM TYPE NX2 & NR3	669514G AS06	CONTROL VALVE (FLOWSERVE)
12	SN00 0579 12	DIAPHRAGM O.D310MM HJG30AA002 STARTUP FLOWSRVE CONT .VLV	669514G AS06	CONTROL VALVE (FLOWSERVE)
13	SN00 0578 82	4-20MA CIRCUIT BOARD FOR GAS C.V POSITIONER	669514G AS06	CONTROL VALVE (FLOWSERVE)
14	SN00 0579 10	FLOWSERVE CONTROL VALVE DIAPHRAGM HJG10/20AA002	669514G AS06	CONTROL VALVE (FLOWSERVE)
15	SN00 0578 94	LIMIT SWITCH, 250VAC VAC, 5 AMP, HDXH2 TYPE, 359.38.002 P/N , FOR GAS SHUT OFF VALVE FOR	669514G AS07	LIMIT SWITCH
16	SN00 0578 12	PRESSURE SWITCH 0-0.2 BAR SET. 0.05 BAR LOW	669514G AS08	PRESSURE SWITCH
17	SN00 0578 13	PRESSURE SWITCH -1-2.5 BAR SET. 1.22 BAR HIGH	669514G AS08	PRESSURE SWITCH
18	SN00 0580 89	PRESSURE TRANSMITTER	669514G AS13	ULTRASONIC GAS FOLW METER.
19	SN00 0580 90	TEMP. TRANSMITTER	669514G AS13	ULTRASONIC GAS FOLW METER.
20	SN00 0580 87	ELECTRICAL CABINET ATPS COMPLETE COMPUTERE4 IPC PS	669514G AS13	ULTRASONIC GAS FOLW METER.
21	SN00 0580 72	MOUNTING BRACKET	669514G AS13	ULTRASONIC GAS FOLW METER.
22	SN00 0580 79	3 WAY BALL VALVE 3MT25-3-6KK	669514G AS13	ULTRASONIC GAS FOLW METER.
23	SN00 0580 88	THERMOWELL SCREWED ON TEMP. TRANSM.	669514G AS13	ULTRASONIC GAS FOLW METER.
24	SN00 0580 75	JUNCTION BOX EEX I WITH ATEX CABLE GLAND	669514G AS13	ULTRASONIC GAS FOLW METER.
25	SN00 0580 76	JUNCTION BOX EEX E WITH ATEX CABLE GLAND	669514G AS13	ULTRASONIC GAS FOLW METER.
26	SN00 0580 86	CONTROL CABLE, 5 PAIR, 2 WIRE, 2 CORE, 0.75 MM2, COPPER	669514G AS13	ULTRASONIC GAS FOLW METER.

27	SN00 0580 73	TEMP. TRANSM. PT-100 (4 WIERS)	669514G AS13	ULTRASONIC GAS FOLW METER.
28	SN00 0580 82	CONTROL CABLE, COPPER	669514G AS13	ULTRASONIC GAS FOLW METER.
29	SN00 0580 85	CONTROL CABLE, 2 PAIR, 2 WIRE, 2 CORE, 0.75 MM2, COPPER	669514G AS13	ULTRASONIC GAS FOLW METER.
30	SN00 0580 70	FLOW COMPUTER ERZ-2104	669514G AS13	ULTRASONIC GAS FOLW METER.
31	SN00 0580 81	FLEXIBLE TESTING HOSE GMV-MS4-1215.122.2000	669514G AS13	ULTRASONIC GAS FOLW METER.
32	SN00 0580 78	TEMP. TRANSMETTER 0- 100C ABB TSP321A1S2A3S04A3U3N3D1P2B2L4H5	669514G AS13	ULTRASONIC GAS FOLW METER.
33	SN00 0580 83	POWER CABLE, 3 CORE, 2.5 MM2, 600/1000V VAC, COPPER, 3079 A TYPE	669514G AS13	ULTRASONIC GAS FOLW METER.
34	SN00 0580 68	ULTRASONIC GAS FLOW METER	669514G AS13	ULTRASONIC GAS FOLW METER.
35	SN00 0580 71	PRES. TRANSMITER 2088	669514G AS13	ULTRASONIC GAS FOLW METER.
36	SN00 0580 69	SOFTWARE MODULE ERZ-2000	669514G AS13	ULTRASONIC GAS FOLW METER.
37	SN00 0580 74	FRAME FOR FIXING OF TRANSM. & 3 WAY VALVE	669514G AS13	ULTRASONIC GAS FOLW METER.
38	SN00 0580 77	PRESSURE TRASMETTER -100 - 3000KPa ABB 266GSTUSBNB1- E1L1C1H3	669514G AS13	ULTRASONIC GAS FOLW METER.
39	SN00 0580 84	CONTROL CABLE, COPPER	669514G AS13	ULTRASONIC GAS FOLW METER.
40	SN00 0578 22	PRESSURE TRASMETTER 0- 600BAR ADJU.200KG 266HSHVKBA1E2L1B7I2C	669514G AS13	ULTRASONIC GAS FOLW METER.
41	SN00 0579 48	QUICK LOCK	669514G AS16	PRESSURE INDICATOR
42	SN00 0579 07	PRESSURE GAUGE, 0-12 BAR MM, CON.1/8" INCH, 40 MM	669514G AS16	PRESSURE INDICATOR

43	SN00 0579 05	PRESSURE GAUGE, 0-10 BAR MM, CON.1/2" INCH, 10CM MM, LIQUID FILLED TYPE	669514G AS16	PRESSURE INDICATOR
44	SN00 0579 51	SCALE, 9CM MM, 0-1.6 KG/CM2 PSI	669514G AS16	PRESSURE INDICATOR
45	SN00 0579 50	SCALE, 9CM MM, 0-10 KG/CM2 PSI	669514G AS16	PRESSURE INDICATOR
46	SN00 0579 06	PRESSURE GAUGE, 0-1.6 BAR MM, CON.1/2" INCH, 10CM MM, LIQUID FILLED TYPE	669514G AS16	PRESSURE INDICATOR
47	SN00 0579 15	PRESSURE TRANSMETER 0.1-10.3BAR	669514G AS24	PRESSURE TRANSMITTE R
48	SN00 0579 14	SINGLE THERMOCOUPLE, 335 M, TRANSMITTER	669514G AS28	TEMPERATU RE TRANSMITTE R
49	SN00 0578 27	TEMP. TRANSMETER -40-1000C TYPE K	669514G AS28	TEMPERATU RE TRANSMITTE R
50	SN00 0578 74	TEMP. TRANSMETER SENSOR (644 HNAC4Q4) -10 TO 50C	669514G AS28	TEMPERATU RE TRANSMITTE R

detail components mechanical parts

NO.	KKS	DESCRIPTION	MECH. TYPE	DN
1	HIG10AA001	ISOLATING VALVE ON UPSTREAM STAND-BY	TRUNNION BALL VALVE	10"
		FLOW CONTROL VALVE 100%		
2	HIG20AA001	ISOLATING VALVE UPSTREAM FLOW CONTROL		
		VALVE 100%		
3	HIG01AA001	MAIN ISOLATING VALVE ON BOILER		
4	HIG01AA002	MAIN SHUT OF VALVE ON FLOW CONTROL		
5	HIG10AA003	ISOLATING VALVE DOWNSTREAM STAND-BY	TRUNNION BALL VALVE	20"
		FLOW CONTROL VALVE 100%		
6	HIG20AA003	ISOLATING VALVE DOWNSTREAM FLOW		

		CONTROL VALVE 100%		
7	HJG30AA003	ISOLATING VALVE DOWNSTREAM FLOW	TRUNNION BALL VALVE	12"
		CONTROL VALVE 30%		
8	HJG30AA003	ISOLATING VALVE UPSTREAM FLOW CONTROL	BALL VALVE	6"

شركة توليد الكهرباء المركزية

عطاء البيع رقم 2/2020/7

بيع وحدات إنتاج كهرباء وملحقاتها خارجة عن الخدمة

محطة العقبة الحرارية

ملحق رقم (12)

الشروط الفنية الخاصة لبيع الوحدات التوليدية-المرحلة الاولى في محطة العقبة الحرارية

1. عمل حماية لخط الغاز الطبيعي المغذي لوحدات المرحلة الثانية على ان تكون هذه الحماية مبنية على دراسة هندسية تضمن الحماية المرجوة بحيث تخضع هذه الدراسة لموافقة شركة توليد الكهرباء المركزية قبل البدء بتنفيذها و شرط اساسي للموافقة على احالة العطاء بالاضافة الى الشروط المرجعية الاخرى .
2. تقديم خطة العمل الخاصة بمرحلة المراحل البخارية بحيث تشمل هذه الخطة طريقة العمل الميكانيكية و خطط الرفع الخاصة على ان تكون جميع السيناريوهات الخاصة بعمليات الرفع و التنزيل و مناولة الاليات و الوثشات على بعد امن و مقبول لضمان السيطرة على خطر سقوط الاحمال فوق خط الغاز المشار اليه في البند رقم 1 و تخضع جميع هذه الخطط لموافقة شركة توليد الكهرباء المركزية و ستكون هذه الدراسة شرط اساسي للموافقة على احالة العطاء بالاضافة الى الشروط المرجعية الاخرى .
3. إيقاف اعمال المقاول أثناء تشغيل وحدات المرحلة الثانية وخاصة عند شحن خط الغاز ومحطة تدفق الغاز الخاصة بالوحدات التشغيلية أو تعليق عمله أينما دعت الحاجة لذلك و سيتم توثيق هذه الفترات لتعويض بدل هذه الايام باعطاء المقاول فترة اضافية لمدة العقد المبرم لهذه الغاية.
4. حاملات الكوابل الكهربائية المغذية للمرحلة الثانية تمر معظمها من الوحدات التوليدية 1 و 2 وعليه يجب حمايتها اثناء اعمال الفك والمناولة وكذلك يوجد نظام مشترك للوحدات 1 و 2 علما بأنه ستكون معظم هذه الكابلات مستثناه من البيع و سيتم تحديد ذلك عند المعاينة بالاضافي الى ان جميع مسارات الكوابل تحت الارض مستثناه من العطاء .
5. يستثنى من العطاء غرف المرحلات الكهربائية للمرحلة الاولى و يستثنى ايضا اي اعمال او مواد او كيبان داخل غرفة المراقبة و التحكم الرئيسية.
6. عزل نظام الحريق المغذي لمعدات المرحلة الاولى قبل الفك لكل معدة بشكل منفصل لإبقاء النظام عاملاً .

7. فك الكوابل الكهربائية يتبع نظام فك (نقطة الى نقطة) terminal to terminal method لضمان عدم التأثير على الكوابل الكهربائية المغذية للمرحلة الثانية وكذلك نظام مشترك الوحدات 1 و2 واصدار اوامر عمل خاص بذلك.
8. على المقاول تأمين اجهزة الفحص والكشف التوتير الكهربائي من جهد KV 0,415/33/6.6 و أي معدات أخرى حسب نظام OSHA.
9. التزود بالتيار الكهربائي يتم على نفقة المقاول وعلية تأمين العدادات الكهربائية.
10. الروافع الراسية داخل صالة التوربينات يمكن استئجارها من الشركة وخلاف ذلك لا يجوز استخدامها و يتم تشغيلها من قبل فريق الصيانة في المحطة .
11. اعمال الطمر على المقاول القيام بأعمال الطمر لكافة الحفر في نطاق منطقة البيع التجميع بعد افرانها حسب الأصول.
12. على المقاول تأمين كادر هندسي بما لا يقل عن م. ميكانيك / م. كهرباء / م. صحة وسلامة / م. مدني في مرحلة هدم المباني فقط.
13. تكون نقطة التفكيك والازالة للخطوط في الأنظمة المشتركة دائما ما بعد نقطة العزل الرئيسية للنظام المشترك
14. تعود ملكية الكوابل الكهربائية الواصلة بين المحولات الكهربائية ومحطات التحويل الى شركة الكهرباء الوطنية.
15. يجب على المشتري تأمين مكاتب مستقلة للكادر العامل معه وتأمين خدمات المياه والمرافق الصحية وتأمين خزان غير منفذ على التربة لاستيعاب مياه الصرف الصحي ويقوم بسحبه عند امتلائه حسب الأصول.
16. يجب على المشتري تقديم بوليصة تأمين على المعدات العاملة داخل المحطة يتم تحديد قيمتها و الفترة الزمنية لها بالتوافق مع الشركة بحيث تضمن عدم الالحاق بالأضرار بالمعدات و توافرية الوحدات العاملة.
17. يجب على المشتري القيام بعمل دراسة تقييم إثر بيئي شاملة لمشروع تفكيك المعدات وهدم المباني أن وجدت حسب متطلبات وزارة البيئة ومنطقة العقبة الاقتصادية الخاصة (المفوضية) بهذا الخصوص
18. يجب على المشتري التخلص من النفايات المتولدة اثناء العمل حسب متطلبات إدارة النفايات سواء كانت هذه النفايات خطرة ام نفايات غير خطرة وتكون جميع تكاليف التخلص على نفقته الخاصة
19. يجب على المشتري تقديم خطة عمل شاملة لمراحل المشروع محددة بفتترات زمنية.
20. يجب على المشتري تقديم خطة سلامة خاصة بالمشروع وتقييم مخاطر الحريق على مستوى منطقة العمل منفصلة عن الخطة المرتبطة بخطوات العمل وتأمين جميع متطلبات الدراسة ويجب اخذ الموافقة الخطية من الشركة على هذه الدراسة وتطبيقها بالشكل المطلوب.
21. يجب على المشتري تقديم وثائق نظام إدارة السلامة الخاصة به وإجراءات السلامة والصحة والبيئة المتعلقة بها.

22. جميع خطط العمل و الذنوات العمل و الانشطة التي سيقوم بها المفاوض اثناء فترة العقد تخضع لموافقة مسبقة من قبل شركة توليد الكهرباء المركزية قبل امسبوع من بدأ العمل على الاقل و ستكون تحت اشراف و مراقبة فريق مخصص لهذه الغاية من قبل شركة توليد الكهرباء المركزية.

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

648	SET OF PREMADE GASKET			
649	SET OF JACKS GASKET CLIP 2502	2	paper	paper
650	RESISTOR 5.6 KOHM 5W L22XW9.6MM WIRE-WOU	1	RUBBER	RUBBER
651	SEAL 015X030X18MM لؤفى	40	electronics	electronics
652	RESISTOR 5.6 KOHM 5W L22XW9.6MM WIRE-WOU	12	RUBBER	RUBBER
653	ROUND HEAD BOLT 12X30MM FOR BUS-BAR WITH	100	electronics	electronics
654	ROUND HEAD BOLT 12X46MM FOR BUS-BAR WITH	50	metal	steel
655	ROUND HEAD BOLT 08X20MM FOR SWITCH GEAR	50	metal	steel
656	RUBBER SEAL FOR SCANNER FAN MOTR D. 75X4	200	metal	steel
657	RUBBER SEAL DIA 70.5X24MM HOLE	8	RUBBER	RUBBER
658	RUBBER SEAL FOR DC TV. FAN DIA. 30X15MM	1	RUBBER	RUBBER
659	SCREW 5X020MM FOR BACE WAY WITH NUT & WA	10	RUBBER	RUBBER
660	C.T 7000/1A 50VA CL-0.5 TYPE ACP	176	metal	steel
661	C.T 850/1A 30VA CL-5P20 TYPE A.L.F20	1	metal	steel+copper
662	C.T 850/1A 30VA TYPE ACP A.L.F 40	1	metal	steel+copper
663	OIL LEVEL INDICATOR (MIN -15 ,MAX 105)TY	1	metal	steel+copper
664	TRANSF.BUCHHOLZ RELAY (3 CONTACT) RA100	1	electronics	electronics
665	SOCKET 250V 16A 2POLE + GROUND	1	electronics	plastic
666	C.T 7000/1A 30VA TYPE AON.A/O	2	plastic	plastic
667	AIR FLOW DETECTOR (2CONTACT) MODEL VZ31	1	metal	steel+copper
668	CAPACITOR 1500V 0.47MF FOR R.C DIA 45XH9	1	electronics	electronics
669	THYRISTOR COOLING FAN 400V 0.92A 0.42KW	1	electronics	electronics
670	PHASES INLET PLIERS DRAWER (5 FINGERS)	2	electronics	electronics
671	PHASES OUTLET PLIERS DRAWER (2 FINGERS)	5	metal	plastic+copper
672	SPEED SINGLE GENERATOR F400 RPM1000 TYPE	5	metal	plastic+copper
673	CONTACTS KIT FOR CONTACTOR TYPE CA5D1CPR	1	metal	plastic+copper
674	COIL 240V FOR CONTACTOR TYPE CA4DY	20	electronics	plastic
675	INSPECTION WINDOW GLASSES DIAMETER 98X14	5	electronics	plastic
676	WASHER O.D38XI.D24XTHK10MM FIBER GLASS	6	Glass	Glass
677	OIL THERMOMETER 280V 20A 30-90C AD=82.05	95	metal	steel
678	FIBER GLASSING PIPES DIA 24X17MM	1	Glass	Glass
679	DIODE 1000V 1.10A TYPE B0D	31	plastic	plastic
680	BRAKE RELEASE SOLENOIDE SA-3502-20MM IN	4	electronics	electronics
681	SQUARE NOZZLE BODY BOOM CLAMP L92XW68MM	1	metal	steel
682	GROVN CABLE TO STEEL	8	metal	steel
683	BLIND FLANGE 3" THK.5.0MM 8HOLES	36	metal	steel
684	REGULATOR (PRUSSER GUAG) SR 452D	2	metal	steel
685	HALF COUPLING 3/4" A105 S.W OD. 48MM	3	metal	steel
686	S.STEEL PIPE FLANGE REDUCER 2X1"	2	metal	steel
687	FLANGE S.O 2" 150LB 316 (WITH PIPE)	1	metal	stanless steel
688	REDUCER FLANGE 1 1/2"X1" 150LB A105 2FLG	1	metal	stanless steel
689	GASKET SET(P.NO. 10,11,12,13,14,51)R GA	1	metal	steel
690	BACK UP RING	3	FIBER	FIBER
691	SEAL RING	3	TEFLON	TEFLON
692	VALVE PLUG STEM	1	metal	steel
693	PACKING TEFLON 31.3X50.8X10.8MM V-SHAPE	2	metal	steel
694	CAGE	3	TEFLON	TEFLON
695	PACKING TEFLON 19X35X8.3MM V-SHAPE 6PCS	1	metal	steel
696	CAGE	11	TEFLON	TEFLON
697	UPPER WIPER	2	metal	steel
698	PACKING GRAPHITE 25X44.6X9.4MM CLOSED	3	metal	steel
699	PACKING GRAPHITE BRAIDED 20X35X8.3MM	4	GRAPHITE	GRAPHITE
700	PACKING TEFLON 19X35X8.8MM V-SHAPE 6PCS	1	metal	steel
701	O-RING I.D 0021.3XTHK.3.5MM MU/M8	1	TEFLON	TEFLON
		7	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

702	LOAD GEAR			
703	SECOND GEAR	2	metal	steel
704	DRIVER	1	metal	steel
705	LAPPING TOOL FOR GLOBE VALVE 1500LB-3/4"	1	metal	steel
706	LAPPING TOOL FOR CHECK VALVE 300LB-1" SW	1	metal	steel
707	TOOL BOX (FOR GLOBE&LIFT CHECK&NEEDLE GL	42	metal	steel
708	LAPPING PLATE FOR DISC 150LB,300LB&900LB	2	metal	steel
709	LAPPING TOOL 150LB-6 IN-12 IN,300LB-20 I	2	metal	steel
710	LAPPING TOOL FOR DIASC 300LB-4 INCH	2	metal	steel
711	LAPPING PLATE 150LB-20 INCH	2	metal	steel
712	LAPPING PLATE 300LB-12 INCH	2	metal	steel
713	AIR HOSE ASSEMBLY (FOR AIR MOTOR)	2	RUBBER	RUBBER
714	TABLE 2500LB-8"GATE AND TILT CHECK VALVE	2	metal	steel
715	LAPPING BLOCK FOR DISC 2500LB-2"	2	metal	steel
716	LAPPING BLOCK FOR SEAT 2500LB-2"	2	metal	steel
717	TABLE 300LB-18"	2	metal	steel
718	LAPPING BLOCK FOR DISC 300LB-18"	2	metal	steel
719	LAPPING BLOCK FOR SEAT 300LB-4"	2	metal	steel
720	HANDLE FOR SEAT LAPPING 2500LB(SPL)-2 1/	1	metal	steel
721	LAPPING TOOL FOR SEAT 2500LB-14"	2	metal	steel
722	LAPPING PLATE FOR DISC	1	metal	steel
723	JACK UP BOLT	4	metal	steel
724	GASKET RUBBER 102.5X123X2.25MM	12	RUBBER	RUBBER
725	MECHANICAL SEAL COMPLETE	3	metal	stanless steel
726	IMPELLER	1	metal	steel
727	SEAL RING SOFT IRON FOR FOR GLOBE.V/V 25	4	GRAPHITE	GRAPHITE
728	PACKING GRAPHITE BRAIDED 80X112X16MM	12	GRAPHITE	GRAPHITE
729	SEAL RING SOFT IRON FOR FOR GATE V/V 14"	3	metal	steel
730	FLEXIBLE CONNECTOR FOR S.H.HANGER TUBES	12	metal	steel
731	BEARING HOUSING G.R.FAN	2	metal	steel
732	GLASSES FOR LEVEL GAUGE OF 420L TANK (12	4	Glass	Glass
733	GLASSES FOR LEVEL GAUGE (980MM) 380L TAN	2	Glass	Glass
734	GLASSES FOR LEVEL GAUGE (1220MM) FOR 760	4	Glass	Glass
735	O-RING I.D 0160XTHK.3.5MM (FOR MECHANICA	6	RUBBER	RUBBER
736	VALVE SEAT	1	metal	stanless steel
737	GASKET METAL 445X465X3.3MM FOR SHELL FLA	3	metal	steel
738	STRAIGHT PIN FOR SPINDE	1	metal	steel
739	SINGLE ROLLER - CHAIN (ANSI CHAIN NO.60)	20	metal	steel
740	SHAFT AND IMPELLER COMPLETE.	1	metal	steel
741	BASKETS HOLDER	1	metal	steel
742	GASKET FIBER 033.2X66.4X3.3MM PILL#5610	6	FIBER	FIBER
743	PACKING TEFLON BRAIDED 38X61X10.5MM	2	TEFLON	TEFLON
744	KEY FLAT 9X14X66.7MM	1	metal	steel
745	CONTROL GLOBE V/V 4" 300LB WCB B.W 667(4	1	metal	steel
746	GASKET FIBER 074X102X0.7MM FOR BONNET WI	1	FIBER	FIBER
747	O-RING I.D 0085.5XTHK.3MM G85	4	RUBBER	RUBBER
748	GASKET FIBER 130X200X2MM (SQUARE)	2	FIBER	FIBER
749	SEAT	2	metal	stanless steel
750	O-RING I.D 0024.7XTHK.3.5MM (EPDM)	6	RUBBER	RUBBER
751	GASKET METAL 065X75X1.68MM	4	metal	stanless steel
752	O-RING I.D 0014.8XTHK.2.4MM VITON	4	RUBBER	RUBBER
753	BURNER DIFFUSER (D=194 MM)	5	metal	steel
754	HOT INTER MEDIA (D) BASKET ELEMENT	4	metal	steel
755	HOT INTER MEDIA (B) BASKET ELEMENT	12	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

756	DAMPER BEARING CASING	2	metal	steel
757	SPROCKET(A)UN-GROOVED CLUTCH SIDE	1	metal	steel
758	BASKET COVER (CRLS) 6MM	8	metal	steel
759	LANCE TUBE FOR SOOT BLOWER 3_7	1	metal	stanless steel
760	Q15.9XT1.2XSTL1500 R93.5	1	metal	stanless steel
761	Q15.9XT1.2XSTL1500 R71.5	1	metal	stanless steel
762	Q15.9XT1.2XSTL1500 R49.5	1	metal	stanless steel
763	GASKET FOR CHANNEL FLANGE (T3-OD828XID79	5	metal	steel
764	PIN 2.4XSMM S.S	8	metal	stanless steel
765	R.H.(HIGH TEMP)TUBES(U-BEND)D38.1XT3.5X	12	metal	steel
766	R.H.(HIGH TEMP)TUBES(U-BEND)D38.1XT3.5X	12	metal	steel
767	R.H.(HIGH TEMP)TUBES(U-BEND)D38.1XT3.5X	10	metal	steel
768	R.H.(LOW TEMP)TUBES U-BEND D57.1XT4.4X35	12	metal	steel
769	TUBE OD 45.0XTHK. 9.6MM SA 213-T22 L5MR	25	metal	steel
770	EC.TUBES (90 DEG BEND) D45XT4.1X32OL	5	metal	steel
771	LOAD CHAIN	1	metal	steel
772	PLAIN ROLLER WITH BALL BEARING 6207-Z	8	metal	steel
773	VALVE DISC	2	metal	steel
774	O-RING I.D 0049XTHK.3MM	10	RUBBER	RUBBER
775	SPINDLE FOR RELIEF VALVE	11	metal	steel
776	VALVE SEAT (THICK)	24	metal	stanless steel
777	PACKING GRAPHITE BRAIDED 19X35X8MM P/N 1	6	GRAPHITE	GRAPHITE
778	KEY DOUBLE ROUND END 5X8X15MM	2	metal	stanless steel
779	KEY DOUBLE ROUND END 5X8X35MM	1	metal	stanless steel
780	BALANCING SLEEVE	1	metal	steel
781	CASING WEARING RING	4	metal	steel
782	BEARING BUSH	6	metal	steel
783	SLEEVE	1	metal	steel
784	STEEL BALL	1	metal	steel
785	O-RING I.D 0015.7XTHK.3.2MM VITON	11	RUBBER	RUBBER
786	IMPELLER WASHER S.S (SPECIAL)	2	metal	stanless steel
787	O-RING I.D 0239.3 X THK. 5.7MM NBR	13	RUBBER	RUBBER
788	SLEEVE	1	metal	stanless steel
789	IMPELLER	1	metal	steel
790	SET OF OIL COOLER COMPLETE NTC-1	1	metal	steel
791	AIR SEAL GASKET	8	FIBER	FIBER
792	TRUNNION SLEEVE	1	metal	steel
793	OIL IGNITOR COMPLETE WITHOUT ATOMIZER	4	metal	steel
794	JACK SHAFT ASSY (DRIVER) COMPLETE	2	metal	steel
795	SHAFT	1	metal	steel
796	DU BUSH O.D14X I.D12XL10MM	3	metal	plastic
797	DISC HOLDER	1	metal	steel
798	H.P. VALVE TOP PART	1	metal	steel
799	H.P. SPRING FOR PRESSURE PART	6	metal	steel
800	H.P. PLATE FOR PRESSURE PART	3	metal	steel
801	H.P. PLATE FOR SUCTION PART	3	metal	steel
802	H.P. SPRING FOR SUCTION PART	3	metal	steel
803	H.P. VALVE BOTTOM PART	1	metal	steel
804	L.P.VALVE TOP PART	2	metal	steel
805	L.P.VALVE PLATE	3	metal	steel
806	L.P. VALVE BOTTOM PART	2	metal	steel
807	SAFETY VALVE H.P. COMPLETE	1	metal	
808	COMPRESSION RING L.P.	2	metal	
809	SCRAPER RING L.P.	2	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

810	PISTON L.P	2	metal	steel
811	NEEDLE ROLLER BEARING INA NK 20/20-SMALL	2	metal	
812	NEEDLE ROLLER BEARING INA NKI 45/25-C3 {	2	metal	
813	GASKET FIBER 180X231X1MM 4 HOLE	2	FIBER	FIBER
814	WASHER - TOP/BOTTOM O.D70X1.D66MM COPPER	2	metal	copper
815	WASHER BOTTOM O.D40X1.D35.5MM	1	metal	steel
816	GUIDE RING	2	metal	steel
817	GASKET FIBER 114.4X151X1.2MM FOR BOTTOM	1	FIBER	FIBER
818	GASKET FIBER 102.6X151.5X1.3MM FOR TOP	1	FIBER	FIBER
819	BALL V/V 1/4" 600LB 316 HG-V-007.8MM NPT	4	metal	stanless steel
820	CONNECTION FOR VALVE HG-V-073	2	metal	steel
821	SHUT-OFF V/V 1/2" PN 640	2	metal	steel
822	CONNECTION FOR VALVE HG-V-072	2	metal	steel
823	NUT 20MM	20	metal	
824	STUD BOLT 20X80MM	30	metal	
825	SEAL RING	4	TEFLON	TEFLON
826	EXP. JOINT RUBBER 2 1/2"X150MM FLG. RING	1	RUBBER	RUBBER
827	EXP. JOINT RUBBER 1 1/2"X130MM FLG. RING	1	RUBBER	RUBBER
828	DOUBLE HINGE EXP. JOINT METAL W.FLG 12"	2	metal	steel
829	STRAINERS SCREENS NB 4"SW.ANSI 600,STAIN	1	metal	
830	STRAINERS SCREENS NB 2 1/2"SW.ANSI600,ST	1	metal	
831	STRAINERS SCREENS NB 1 1/2"SW.ANSI600,ST	1	metal	
832	STRAINERS SCREENS NB 1"SW. ANSI600,STAIN	2	metal	
833	TRAPS THERMOSTATIC AIR VENT NB2 1/2"NPT,	1	metal	
834	TRAPS FLOAT MECHANISM NB 1 1/2"NPT,STAIN	1	metal	
835	TRAPS FLOAT MECHANISM NB(1")NPT, STAINLE	1	metal	
836	MESH FOR FILTER 6.00 ,1.4571	1	metal	
837	STRAINER TYPE (Y) NB (1)INCH SW. ANSI 60	1	metal	
838	TRAP TYPE 100-L10 NB (2 1/2)INCH NPT ,CA	1	metal	
839	STRAINER FOR TRAP (2)INCH NB 600 ANSI ,A	1	metal	
840	STRAINER FOR (1)INCH NB 600 ANSI ,A105	1	metal	steel
841	STRAINER FOR TRAP(1)INCH NB 150 ANSI A10	1	metal	
842	STRAINER FOR TRAP(3/4)INCH NB 150 ANSI A	1	metal	
843	INVERTED BUCKET STEAM TRAP TYPE2011 3/4"	1	metal	
844	FLOAT STEAM TRAP TYPE 11-LD(3/4") NB NPT	2	metal	
845	COMP. FILTER REG.OD89XH150XNPTFMM 30REG.	1	metal	
846	NUT 1/2" C.S UNC A307 GR B	16	metal	steel
847	STUD BOLT 1/2"X068MM UNC C.S 307B GLV.	8	metal	steel
848	GASKET FIBER 020.6X30.1X2.35MM WITH OUT	12	FIBER	FIBER
849	GASKET COPPER 006.4X17.3X2MM FORM B 258C	10	metal	copper
850	GASKET FIBER 020.7X30.3X2MM IT300 WITH O	18	FIBER	FIBER
851	GASKET FIBER 26.8X38.4X1.97MM IT300	24	FIBER	FIBER
852	HEX. BOLT 14X043MM B98 C65100 COPPER	8	metal	copper
853	GASKET RUBBER 034X65X2.2MM	2	RUBBER	RUBBER
854	HEX. BOLT 16X145MM B98 C65100 COPPER	2	metal	copper
855	GASKETS RUBBER 48.5X84.7X2.2MM WITH OUT	4	RUBBER	RUBBER
856	NUT 14MM COPPER B98 C65100	20	metal	copper
857	HEX. BOLT 14X055MM B98 C65100 COPPER	10	metal	copper
858	STUD BOLT 5/8"X120MM C.S GLV. WITH NUTS	1	metal	steel
859	STUD BOLT 16X235MM C.S GLV. WITH NUTS &	1	metal	steel
860	STUD BOLT 1/2"X095MM C.S GLV. WITH NUTS	1	metal	steel
861	STUD BOLT 1/2"X085MM C.S GLV. WITH NUTS	1	metal	steel
862	GASKET RUBBER 122X188.7X5.3MM EPDM WITH	1	RUBBER	RUBBER
863	GASKET RUBBER 100X169.3X5.1MM EPDM WITH	1	RUBBER	RUBBER

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864	GASKET RUBBER 78.8X132.1X5.3MM EPDM WITH	1	RUBBER	RUBBER
865	GASKET RUBBER 042.2X78.7X5.3MM EPDM WITH	1	RUBBER	RUBBER
866	GASKET NEOPRENE 100X169X5MM	1	RUBBER	RUBBER
867	GASKET NEOPRENE 76.9X131X5.3MM	1	RUBBER	RUBBER
868	GASKET NEOPRENE 50.8X98.2X5.3MM	1	RUBBER	RUBBER
869	NUT 1 3/4"X45 COPER LGT B98 ALLOY 65100	10	metal	steel
870	NUT 1 1/8"X29 COPER LGT B98 ALLOY 65100	59	metal	steel
871	NUT 1 1/2"X38 COPER LGT B98 ALLOY 65100	82	metal	steel
872	SQUARE HEAD BOLT 1 1/8"X170MM B98-ALLOY	8	metal	steel
873	SQUARE HEAD BOLT 1 1/8"X100MM B9-ALLOY 6	20	metal	steel
874	SQUARE HEAD BOLT 1 1/2"X155MM COPPER	64	metal	copper
875	SQUARE HEAD BOLT 5/8"X045MM B9 ALLOY 651	14	metal	steel
876	STUD BOLT 5/8"X060MM 307B WITH NUTS	2	metal	stanless steel
877	STUD BOLT 5/8"X085MM C.S WITH NUTS	2	metal	steel
878	STUD BOLT 3/4"X155MM C.S WITH NUTS	1	metal	steel
879	HEX. BOLT 3/4"X045MM C.S WITH NUT	2	metal	steel
880	HEX. BOLT 3/4"X060MM C.S WITH NUT	6	metal	steel
881	HEX. BOLT 1"X055MM C.S	2	metal	steel
882	HEX. BOLT 3/4"X040MM C.S	2	metal	steel
883	HEX. BOLT 3/4"X055MM C.S	4	metal	steel
884	HEX. BOLT 3/4"X085MM C.S WITH NUT	5	metal	steel
885	HEX. BOLT 7/8"X065MM	6	metal	
886	WASHER O.D37XI.D21MM C.S	16	metal	steel
887	WASHER O.D28XI.D15MM C.S	4	metal	steel
888	WASHER O.D30XI.D17MM COPPER	33	metal	copper
889	WASHER O.D28XI.D15MM COPPER	18	metal	copper
890	NUT 1/2" UNC 2B COPPER F467 ALLOY 651	58	metal	copper
891	NUT 5/8" UNC 2B COPPER F467 ALLOY 651	48	metal	copper
892	STUD BOLT 1/2"X085 UNC2A MAT.F468 ALLOY6	4	metal	steel
893	STUD BOLT 5/8"X120MM UNC2A F468 ALLOY651	2	metal	steel
894	STUD BOLT 5/8"X090MM UNC2A F468 ALLOY651	4	metal	steel
895	NUT 20MM F467 ALLOY 651 COPPER	8	metal	copper
896	STUD BOLT 20X78MM F468 ALLOY 651 BRONZE	8	metal	BRONZE
897	STUD BOLT 16X047MM F468 ALLOY 651 (BRONZ	32	metal	BRONZE
898	NUT 1/2" UNC 2B A194 2H	32	metal	steel
899	UNION 1/4" CUNI NPTM S.W	3	metal	copper
900	FLANGE S.O 1 1/2" CUNI 90/10	2	metal	copper
901	HEX. BOLT 14X065MM B98 C65100 COPPER	2	metal	copper
902	GASKET RUBBER 171X221X2MM	1	RUBBER	RUBBER
903	HEX. BOLT 20X075MM B98 C65100 COPPER	2	metal	copper
904	HEX. BOLT 16X130MM B98 C65100 COOPER	2	metal	copper
905	GASKET RUBBER 088X136X2.2MM WITH OUT HOL	4	RUBBER	RUBBER
906	NUT 16MM B98 C65100 COPPER	16	metal	copper
907	HEX. BOLT 16X070MM B98 C65100 COOPER	12	metal	copper
908	TEE 1" 40S CUNI B.W	1	metal	copper
909	FLANGE S.O 1 1/2" 150LB ASTM	2	metal	
910	RTR PIPE 2" THK 5.0MM	18	RTR	RTR
911	ELBOW 1 1/2" NB40 R.T.R B.W 90 DEG.	2	RTR	RTR
912	RTR PIPE 1 1/2" THK 7.0MM	3	RTR	RTR
913	TEE 1 1/2" 40S B466 C70600 CUNI B.W	1	metal	copper
914	CROSS 1 1/2" 40S B466 C70600 CUNI B.W	1	metal	copper
915	REDUCER 2 1/2"X1 1/2" 40S B466 C70600 CU	1	metal	copper
916	REDUCER 3"X1 1/2" 40S B466 C70600 CUNI B	1	metal	copper
917	CROSS 3" 40S B466 C70600 CUNI B.W	1	metal	copper

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918	TEE 3" 40S B466 C7600 CUNI B.W	1	metal	copper
919	UNION 1/2"X1/4" 3000 MONEL 400 NPTM S.W	1	metal	steel
920	UNION 3/4"X1/4" 3000 MONEL 400 NPTM S.W	1	metal	steel
921	COUPLING 1/4" SS-8-TSW-6 A316 S.W	1	metal	stainless steel
922	TEE 1/4" SS-8-TSW-3 A316 C31 S.W	1	metal	stainless steel
923	UNION 3/8" S.S NPTM B.W	1	metal	stainless steel
924	UNION 1/4" S.S B.W	1	metal	stainless steel
925	REDUCER 1" X 5/8" THK. 4MM S.S B.W	1	metal	stainless steel
926	ELBOW 1" PVC 90 DEG.	1	plastic	plastic
927	P.V.C REDUCER 3"(90MM)X2"(63MM) M/F CON.	1	plastic	plastic
928	PIPE OD 26MM PVC	5	plastic	plastic
929	PIPE 1/2" PVC	4	plastic	plastic
930	TEE 6" PVC + FRPFRP	1	plastic	plastic
931	PIPE 1" PVC + FRP	6	plastic	plastic
932	COUPLING 1 1/2" 3000 F11 S.W	1	metal	copper
933	UNION 1/2" ST35 B.W	2	metal	steel
934	REDUCER TEE 1"X3/4" 3000 A105N S.W	61	metal	steel
935	PIPE CLAMP COPPER	40	metal	copper
936	O-RING I.D 0178XTHK.7MM B700	4	RUBBER	RUBBER
937	GASKET THK 2MM	1	metal	steel
938	SECTOR SEAL RING.	1	metal	steel
939	SEAL RING IN HALVES.	2	metal	steel
940	SEAL RING IN HALVES.	1	metal	steel
941	SEAL RING IN HALVES.	1	metal	steel
942	CAULKING WIRE FOR SEALS STRIPS 1ST TO 3R	145	metal	LEAD
943	1/2 SEALS STRIP FOR 3RD ROW D567X960	2	metal	stainless steel
944	1/2 SEALS STRIP FOR 2ND ROW D558X942	2	metal	stainless steel
945	1/2 SEALS STRIP FOR 1ST ROW D558X926	2	metal	stainless steel
946	GLOBE V/V 3" 300LB WCB FLANGED	1	metal	steel
947	GASKET FIBER 035.1X45.3X13MM FOR NOZZLE	4	FIBER	FIBER
948	PACKING TEFLON 145X170X11MM V-SHAPE 7PCS	2	TEFLON	TEFLON
949	PACKING GRAPHITE BRAIDED 13X27X6MM TYPE	20	GRAPHITE	GRAPHITE
950	GROOVE PIN 4.7X27MM FLAT END FOR ET-ED 4	2	metal	stainless steel
951	VALVE BODY ED4" 600LBS,A217-WCC,LCV-3225	1	metal	steel
952	GASKET FIBER 026.2X33.6X1.6MM WITH OUT H	4	FIBER	FIBER
953	NOZZLE 3-52	1	metal	stainless steel
954	O-RING I.D 0012.8XTHK.2.5MM	6	RUBBER	RUBBER
955	O-RING I.D 0024XTHK.2.9MM	6	RUBBER	RUBBER
956	STEM	5	metal	stainless steel
957	THREADED END PIN 5X67MM	2	metal	copper
958	CLAPET	2	metal	copper
959	GASKET FOR ET-ED 4"X4" 3/8	1	metal	steel
960	PLUG FOR ET 4"*2" 7/8	1	metal	steel
961	TRIMS MOD.667-ED NB.6" BW	2	metal	stainless steel
962	CONTROL V/V 6" 150LB WCB B.W 667-ED WITH	1	metal	steel
963	PLUG FOR EZ 1"*1/4" NB.	2	metal	steel
964	PLUG AND STEM FOR ET3"*2" 7/8	2	metal	stainless steel
965	GUIDE BUSH	1	metal	stainless steel
966	GUIDE BUSH	1	metal	stainless steel
967	DIAPHRAGM V/V 4" PN10 C.I FLANGED SAUNDE	1	metal	steel
968	DIAPHRAGM	5	RUBBER	RUBBER
969	COMPLETE V/V DN 25 PN 10 FLANGED	1	metal	steel
970	SPINDLE	1	metal	steel
971	UPPER STEM	2	metal	stainless steel

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972	O-RING I.D 0015XTHK.2.6MM 2-114	4	RUBBER	RUBBER
973	SEAL RING	4	RUBBER	RUBBER
974	O-RING I.D 0028XTHK.3.5MM	4	RUBBER	RUBBER
975	BUSHES	16	metal	
976	BUSHES	8	metal	
977	SEATS	12	TEFLON	TEFLON
978	BALL V/V 1/4" NPTF	5	metal	steel
979	GASKET TEFLON 045.7X49.5X2MM FOR BODY WI	4	TEFLON	TEFLON
980	SEATS	6	TEFLON	TEFLON
981	S.W GASKET 132.2X156.7X3.8MM ASB FILLER	2	metal	steel
982	S.W GASKET 116.3X127.3X3.4MM PTFE FILLER	2	metal	steel
983	GLOBE Y V/V 1 1/2" 600LB F11 S.W	1	metal	steel
984	GLOBE Y V/V 3/4" 600LB A105 S.W/12.5MM S	2	metal	steel
985	GASKET PRESSURE SEAL 253X270X21.5MM	2	metal	steel
986	GATE V/V 8" 600LB WCB B.W WITH OUT MOTOR	1	metal	steel
987	DISC	1	metal	stainless steel
988	GASKET ASBESTOS 036X46X1.3MM FOR NOZZLE	4	metal	steel
989	COMPRESSION SPRING WIRE DIA.5XO.D32XL70M	4	metal	steel
990	IMPELLER 1ST STAGE	1	metal	stainless steel
991	LOCK WASHER I.D17MM S.S	130	metal	stainless steel
992	CHECK V/V 1" DN 16 NPTF TYPE T	1	metal	
993	SEAL RING FOR NON RETURN VALVE 219 GASKI	5	metal	steel
994	BLADDER FOR ACCUMULATOR SIZE 52 LITERS	2	RUBBER	RUBBER
995	TOOLS FOR MAIN OIL PUMP 3.4.1	2	metal	
996	NOZZLE 3.1.3	7	metal	
997	HEATERS RS3C 2500W LG 800	4	metal	
998	HEATERS RS3D 3800W LG 1110	8	metal	
999	HALF RIGED GUIDE BEARING W/BEARING AND S	1	metal	steel
1000	JOINT RING	1	GRAPHITE	GRAPHITE
1001	COMPLETE SET OF STEAM SEAL RINGS	1	metal	steel
1002	CAP SPRING DIA 112X57MM	32	metal	
1003	ORIFECES DN 1 1/2 IN TD-RO-001ABC	4	metal	
1004	SEAL RING DIA 1410	3	RUBBER	RUBBER
1005	OBTURATOR PISTON END RING O-RING	3	RUBBER	RUBBER
1006	OBTURATOR PISTON END RING O-RING	2	RUBBER	RUBBER
1007	PIN 2.3X65MM S.S	2	metal	stainless steel
1008	SCREW 4X07MM S.S	4	metal	stainless steel
1009	RTR PIPE 200MM DIA. THK8.6MM 5.62M LONG	3	RTR	RTR
1010	RTR PIPE 500MM DIA. THK19.1MM 5.62 LONG	2	RTR	RTR
1011	RTR PIPE 500MM DIA. THK19.1MM 0.5M LONG	2	RTR	RTR
1012	RTR PIPE 1500MM DIA. THK24.9MM 1.5M LONG	1	RTR	RTR
1013	RTR PIPE 1500MM DIA. THK18.4MM 1.5M LONG	1	RTR	RTR
1014	RTR PIPE 1600MM DIA. THK25.7MM 1.6M LONG	1	RTR	RTR
1015	RTR RIPE 1600MM. DIA. THK.16.4MM L1.6M	1	RTR	RTR
1016	RTR PIPE 2000MM DIA.18.6MM WALL THICK 2.	1	RTR	RTR
1017	EXPANSION JOINT TYPE A/101/C-NP NB 2000M	2	RUBBER	RUBBER
1018	BUSH TUFNOL	5	TEFLON	TEFLON
1019	DAMPER PLATE	12	metal	steel
1020	SET OF SEALS	4	RUBBER	RUBBER
1021	ANTI SWEATER (EXPANSION VALVE)	1	metal	steel
1022	L.P HEATER No.3 COVER GASKET 3X1028X1102	1	GRAPHITE	GRAPHITE
1023	COMPLETE LEVEL GAUGE FOR PRIMING TANK	2	metal	
1024	JOURNAL BEARING NO.4-COMPLETE	1	metal	steel
1025	GASKET TEFLON 065X70X1.5MM TYPE ERS 145	1	TEFLON	TEFLON

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1026	O-RING I.D 0006.7XTHK.1.62MM TYPE RQ35P/	5	RUBBER	RUBBER
1027	STUD BOLT 45X475MM (SPECIAL)	12	metal	steel
1028	1/2 SEAL FOR 20TH ROW D1014X166S	4	metal	steel
1029	VALVE SEAT RING	2	metal	
1030	PISTON NON-RETURN VALVE SPRING	4	metal	
1031	STUD BOLT 39X640MM	2	metal	steel
1032	MALE WASHER D8S	4	metal	steel
1033	FLAT WASHER 90MM	8	metal	steel
1034	EXPANSION JOINT 1500NB LENGTH 30S	1	RUBBER	RUBBER
1035	V-RING	1	RUBBER	RUBBER
1036	FITTING PLATE 12X18X0.2	10	metal	
1037	SWITCHING SHAFT- WITH CIRELIP	1	metal	
1038	RUBBER BALLS TYPE 21-5-100-3	256200	RUBBER	RUBBER
1039	EXPANSION JOINT 1200 NB LENGTH 30S	1	RUBBER	RUBBER
1040	EXPANSION JOINT 500 NB LENGTH 208	1	RUBBER	RUBBER
1041	CALIBRATED STUD BOLT D45X350 (39X350)	3	metal	steel
1042	MAIN SHAFT	1	metal	
1043	PLATE 2MX1MX10MM S.STEEL SUS 316L	1	metal	stanless steel
1044	PLATE 2MX1MX3MM S.STEEL SUS 316L	2	metal	stanless steel
1045	TRIP WEIGHT BALANCE BLOCK	2	metal	steel
1046	SPECIAL WASHER O.D36XI.D17MM	1	metal	steel
1047	GASKET FIBER 151.6X179.5X2.1MM WITH OUT	4	FIBER	FIBER
1048	O-RING I.D 0025XTHK.3.5MM	70	RUBBER	RUBBER
1049	PISTON ROD BUSHING	9	metal	
1050	GASKET FIBER 100X500X3.4MM OSA	2	FIBER	FIBER
1051	STUD BOLT 14 POS19PIN	2	metal	steel
1052	SWING DISC	1	metal	steel
1053	GASKET METAL 546X584X3MM	4	metal	steel
1054	COMPRESSION SPRING WIRE DIA.30XO.D300XL7	1	metal	steel
1055	COMPRESSION SPRING WIRE DIA.37XO.D415XL8	1	metal	steel
1056	COMPRESSION SPRING WIRE DIA.22XO.D171XL6	1	metal	
1057	VALVE STEM OUTER BUSHING	4	metal	steel
1058	STUD BOLT 64X470MM	19	metal	steel
1059	STUD BOLT 27X145MM	13	metal	steel
1060	SOCKET NUT M64 (SPECIAL)	28	metal	steel
1061	EXPANSION NUT 27X165MM	22	metal	steel
1062	COMP. SPRING WIRE 43XO.D426MMXL815MM B C	1	metal	steel
1063	COMPRESSION SPRING WIRE DIA.32XO.D305XL7	1	metal	steel
1064	WATHER D17	6	metal	
1065	OIL SEAL 027X041X10MM	3	RUBBER	RUBBER
1066	CIRCLIP OUTER D.35	6	metal	steel
1067	O-RING I.D 0060XTHK.3.5MM	2	RUBBER	RUBBER
1068	KEY DOUBLE ROUND END 8X10X70MM S.S	1	metal	stanless steel
1069	GUIDE RING OBTURATORE	1	metal	steel
1070	GUIDE RING OBTURATORE	2	metal	steel
1071	O-RING I.D 0278XTHK.10MM	1	RUBBER	RUBBER
1072	CIRCLIP EXTERNAL D40X1.5	29	metal	
1073	PISTON PIN 35X70MM	1	metal	steel
1074	PIPE O.D. 12MMXTHK.1.5MM L1000MM	1	metal	stanless steel
1075	ALEN KEY BOLT 08X040MM GLV.	15	metal	steel
1076	CIRCLIP EXTERNAL D75X2.5	6	metal	
1077	SEAL 042X049X02MM TEFLON	2	TEFLON	TEFLON
1078	CIRCLIP INTERNAL D66	3	metal	
1079	SHOULDER RING	4	metal	

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1080	MECHANICAL SEAL LOCKING RING	1	metal	
1081	FLAT WASHER D45	12	metal	steel
1082	SUPPORT BUSHING I.D.36XO.D65XH37MM SAME	2	metal	
1083	ENGANGIG SHAFT	6	metal	
1084	HEX. BOLT 12X025MM C.S	5	metal	steel
1085	FRONT-WEAR PLATE ALUMINIUM	1	metal	aluminum
1086	JACK BOLT 14X2X50L	3	metal	steel
1087	DEEP SEAL STRIP LTD FLAT ROBE W5XH9XL724	24	metal	
1088	SEAL RUBBER 3 INCH	3	RUBBER	RUBBER
1089	BALL TUST RING	1	metal	steel
1090	GROOVE PIN 3X14.4MM	12	metal	
1091	SEALS (O-RING)	3	RUBBER	RUBBER
1092	GASKET FIBER 350X500X2.4MM WITH OUT HOLE	3	FIBER	FIBER
1093	IMPELLER WEARING RING 160X145	11	metal	
1094	PLUG 0.5"/3000 FOR OIL DRAIN	15	metal	
1095	SPRING 10=H=815T.1	41	metal	steel
1096	ALEN KEY BOLT 27X075MM LAG SCREW	14	metal	steel
1097	SIDE SEAL RIGHT HAND	1	metal	steel
1098	SIDE SEAL LEFT HAND	1	metal	steel
1099	VENTING PLUG WITH BALL	2	metal	
1100	VENTING PLUG WITH BALL	2	metal	
1101	FILTER COPPER (OD14XID10XH65)MM	8	metal	copper
1102	PRESSUR REDUCING VALVE COMPLETE	1	metal	steel
1103	COMPRESSION SPRING WIRE DIA.3XO.D15.6XL4	2	metal	
1104	FILTER ELEMENT (3 MICRON)	50	metal	
1105	PRESSUR VALVE SEATCSTEM	2	metal	
1106	USIT RING D 64.5XQ53.3X3	4	metal	
1107	AIR FILTER OD075.5XID70XH280MM S.S (FOR	2	metal	stanless steel
1108	DISCHARGE V/V 2-STAGE 174 R1	5	metal	steel
1109	BASKET	1	metal	steel
1110	OIL SEAL 032X052X06.5MM	8	RUBBER	RUBBER
1111	GASKET PAPER 079X120X0.5MM 5HOLE	13	PAPER	PAPER
1112	JOINT RING (14X18) DIM. 27.5	60	metal	copper
1113	NUT 24MM	1	metal	stanless steel
1114	IMPELLER 269X27-39	1	metal	BRONZE
1115	O-RING	2	RUBBER	RUBBER
1116	SEA WATER PUMP	1	metal	
1117	FILTER BODY OD100XH250XNPT25MM FSI100BVF	4	metal	
1118	S.W GASKET 420X446X4MM PTFE FILLER	4	TEFLON	TEFLON
1119	GASKET SET ITEM 3-14-19	1	RUBBER	RUBBER
1120	SQ.SECTION SEAL	1	metal	
1121	BUSH BEARING 17,46X19,84X22,2	1	metal	steel
1122	MAGNETIC POLE FOR TURBINE LUBE OIL FILTE	1	metal	
1123	GLAND SPACER	2	metal	
1124	GEAR	1	metal	
1125	OIL PUMP BEARING (UPPER)	6	metal	
1126	DRIVE CLAMP RING ASSY	2	metal	stanless steel
1127	جهاز بيكر وسكوب	1	metal	
1128	MILLING MACHINE TYPE:X	1	metal	
1129	MILLING MACHINE TYPE:A COMPLET	1	metal	
1130	WORM GEAR	1	metal	
1131	BUSHING DIA. 126.4X76MM	3	metal	steel
1132	DIAPHRAGM PRESSURE DISC	1	metal	steel
1133	ALEN KEY BOLT 22X065MM	33	metal	steel

ملحق رقم (8): المستزومات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

فانر هوا

1134				
1135	CAPACITOR 22MF 25V RADIAL Non Polarity (	4	metal	steel
1136	TRANSISTOR FQA11N90	50	electronics	electronics
1137	CAPACITOR 40MF 450VAC DIA 44XH92MM	10	electronics	BOX2
1138	CAPCITOR 25MF 450 VAC DIA 44XH92MM	4	electronics	electronics
1139	CAPACITOR 20MF 450VAC DIA.40XH69MM	3	electronics	electronics
1140	BATTERY 2.4V 150MAH RECHARGABLE	4	electronics	electronics
1141	MODULE DIODE DSEI IXYS PART NO. DSEI 2XB	5	electronics	BOX2
1142	I.C.HI1 -547-5 DIP 28 PIN	2	electronics	BOX2
1143	POTENTIOMETER RESISTOR 10K 2W CONDUCTIVE	5	electronics	BOX2
1144	DIODE 12F60 METAL STUD	5	electronics	BOX2
1145	DIODE 6A4	5	electronics	BOX2
1146	TRANSISTOR J112A	10	electronics	BOX3
1147	POWER ANALYSIS DEVICE	7	electronics	BOX2
1148	I.C. CA3140T METAL	1	electronics	electronics
1149	I.C. DG508ACJ	13	electronics	BOX2
1150	I.C. 74LS377	3	electronics	BOX3
1151	DIODE ZX47 METAL	3	electronics	BOX3
1152	I.C. AD581KH	5	electronics	BOX3
1153	I.C. OP249G	17	electronics	BOX3
1154	I.C. TEA2114	10	electronics	BOX2
1155	TRANSISTOR VP0808M	20	electronics	BOX3
1156	CAPACITOR 8MF 660V METAL	5	electronics	BOX3
1157	I.C. RC4195K	100	electronics	electronics
1158	I.C. AN7170	7	electronics	BOX3
1159	I.C. TDA1077P	20	electronics	BOX3
1160	I.C. LS1240A	7	electronics	BOX2
1161	CAPACITOR 3300PF 125V RADIAL EROFOL	7	electronics	BOX3
1162	I.C. R6545-1P	10	electronics	BOX3
1163	I.C. SG1436Y	10	electronics	BOX3
1164	I.C. LA7851	9	electronics	BOX3
1165	I.C. TDP16031003B	10	electronics	BOX3
1166	POTENTIOMETER RESISTOR 2K 1W CONDUCTIVE	10	electronics	BOX3
1167	OUTPUT DAMPING CAPACITOR KIT FOR ALL TRA	5	electronics	electronics
1168	DIODE 10D6B	12	electronics	BOX3
1169	I.C. XR2240P	10	electronics	BOX3
1170	SWITCH ON/OFF 10A 250VAC 4PIN	7	electronics	BOX3
1171	I.C. GM76C28-10	6	electronics	BOX3
1172	I.C. UPA64H	10	electronics	BOX3
1173	I.C. UPA54H	10	electronics	BOX3
1174	I.C. TMS9995NL12	10	electronics	BOX3
1175	I.C. TMS9902NL-40	3	electronics	BOX3
1176	I.C. TMS9901NL	10	electronics	BOX3
1177	I.C. UPC251C	10	electronics	BOX3
1178	I.C. 8086	10	electronics	BOX3
1179	I.C. AD590JH METAL 3PIN	42	electronics	BOX3
1180	DIODE 1N4937	5	electronics	BOX3
1181	TRANSISTOR PN3569	30	electronics	BOX3
1182	I.C. AM27S13PC	20	electronics	BOX3
1183	I.C. 82S131	10	electronics	BOX3
1184	I.C. 82S123	25	electronics	BOX3
1185	I.C. LS141CT	10	electronics	BOX3
1186	I.C. QP12-12	7	electronics	BOX3
1187	TRANSFORMER FOR DISSOLVED OXYGEN ANALYZE	23	electronics	BOX3
		2	electronics	electronics

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1188	RESISTOR 22R NETWORK 8PIN	45	electronics	BOX3
1189	I.C. BCN9002	14	electronics	BOX3
1190	I.C. BCN9001	14	electronics	BOX3
1191	THYRISTOR TIC106D	8	electronics	BOX3
1192	I.C. M7556	10	electronics	BOX3
1193	OPTO H11C2	6	electronics	BOX3
1194	I.C. TLC5401N	30	electronics	BOX3
1195	مستزمات لطابعات الحاسوب قياس 13x13 ملم	8	electronics	BOX3
1196	مستزمات لطابعات الحاسوب قياس 10x25 ملم	8	electronics	BOX3
1197	TRANSISTOR BU180A	7	electronics	BOX3
1198	I.C. ER3400	20	electronics	BOX3
1199	I.C. M27128A COM03 J REV.	4	electronics	BOX3
1200	QUARTZ CRYSTALS 16MHZ 4PIN	4	electronics	BOX3
1201	I.C. 75115	10	electronics	BOX3
1202	I.C. 75113	10	electronics	BOX3
1203	RESISTOR 5R 25W WIREWOUND ALUMINUM HOUSE	5	electronics	BOX3
1204	I.C. DS1220Y-200	150	electronics	electronics
1205	CAPACITOR 1MF/50V TIMING	49	electronics	BOX3
1206	CAPACITOR 0.47MF/50V TIMING	59	electronics	BOX3
1207	CAPACITOR 0.033MF/100V TIMING	59	electronics	BOX3
1208	CAPACITOR 0.1MF 100V TIMING	57	electronics	BOX3
1209	CAPACITOR 0.22MF 50V TIMING	59	electronics	BOX3
1210	TRANSISTOR 2SD822 METAL TO-3	5	electronics	BOX3
1211	LCD DISPLAY 64PIN	1	electronics	BOX3
1212	I.C. 7524	11	electronics	BOX3
1213	I.C. ICL7621D	16	electronics	BOX3
1214	RESISTOR 2.2R 2W CARBON FILM	2	electronics	BOX3
1215	DIODE D000	2	electronics	BOX3
1216	DIODE 400031	2	electronics	BOX3
1217	DIODE GEA15A	2	electronics	BOX3
1218	TRANSISTOR 2SC901 METAL TO-3	8	electronics	BOX3
1219	TRANSISTOR D401A	3	electronics	BOX3
1220	TRANSISTOR A1009J14S	5	electronics	BOX3
1221	TRANSISTOR BFY76	10	electronics	BOX3
1222	TRANSISTOR 2N2907	3	electronics	BOX3
1223	TRANSISTOR 2N6290	2	electronics	BOX3
1224	VOLTAGE REGULATOR 7812	2	electronics	BOX6
1225	TRANSISTOR QP8938	2	electronics	BOX6
1226	LED HDSP-3533 10PIN	1	electronics	BOX6
1227	I.C. LF13741N	12	electronics	BOX10
1228	I.C. ICL7106CPL	9	electronics	BOX7
1229	I.C. MF10CCN	12	electronics	BOX9
1230	I.C. AD536AJH	18	electronics	BOX7
1231	I.C. MC4741CP	3	electronics	BOX7
1232	RESISTOR 100R NETWORK 16PIN	3	electronics	BOX10
1233	I.C. HI-DAC80V-5	20	electronics	BOX6
1234	I.C. 8409	10	electronics	BOX6
1235	I.C. 75150	25	electronics	BOX6
1236	I.C. 8842	10	electronics	BOX6
1237	I.C. 74574	12	electronics	BOX8
1238	I.C. 9602	12	electronics	BOX8
1239	I.C. 75189	2	electronics	BOX6
1240	I.C. STA401A	20	electronics	electronics
1241	POTENTIOMETER RESISTER 470R LONG ARM	9	electronics	electronics

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1242	POTENTIOMETER RESISTER 100R LONG ARM	5	electronics	electronics
1243	POTENTIOMETER RESISTER 22K LONG ARM	8	electronics	electronics
1244	RESISTOR 10K NETWORK 16PIN	10	electronics	BOX6
1245	RESISTOR 1K NETWORK 16PIN	18	electronics	BOX6
1246	RESISTOR 100R NETWORK 8PIN	10	electronics	BOX2
1247	RESISTOR 220R NETWORK 8PIN	10	electronics	BOX6
1248	RESISTOR 10K NETWORK 8PIN	40	electronics	BOX9
1249	RESISTOR 2.2K NETWORK 8PIN	15	electronics	BOX10
1250	I.C. AM26LS32	13	electronics	BOX6
1251	TRANSISTOR TIP160	6	electronics	BOX6
1252	TRANSISTOR BU108 METAL TO-3	11	electronics	BOX7
1253	TRANSISTOR BD909	11	electronics	BOX6
1254	CAPACITOR 300MF 200V SCREW TERM.	2	electronics	BOX7
1255	DIODE AA117	20	electronics	BOX6
1256	DIODE AA218	20	electronics	BOX6
1257	TRANSISTOR C1627	5	electronics	BOX7
1258	TRANSISTOR BD910	10	electronics	BOX7
1259	OPTO TIL111	50	electronics	BOX7
1260	TRANSISTOR SK23A	15	electronics	BOX7
1261	TRANSISTOR BU806	10	electronics	BOX6
1262	TRANSISTOR BFX34	15	electronics	BOX7
1263	TRANSISTOR BC140/6	10	electronics	BOX7
1264	TRANSISTOR C5027	10	electronics	BOX7
1265	TRANSISTOR C4106	10	electronics	BOX6
1266	CRISTAL OSCILATOR 40.000 MHZ 4PIN	6	electronics	BOX9
1267	CRISTAL OSCILATOR 32.000 MHZ 4PIN	10	electronics	BOX9
1268	CRISTAL OSCILATOR 16.000 MHZ 2PIN	4	electronics	BOX7
1269	CRISTAL OSCILATOR 4.000 MHZ 4PIN	2	electronics	BOX7
1270	CRISTAL OSCILATOR 3.579545 MHZ 2PIN	10	electronics	BOX6
1271	TRANSISTOR 40251 METAL TO-3	10	electronics	BOX7
1272	I.C. MC6875L	13	electronics	BOX9
1273	I.C. MC68B00P	13	electronics	BOX9
1274	I.C. HD3-6402R-9	21	electronics	BOX9
1275	I.C. MC6840PD	8	electronics	BOX9
1276	TRANSISTOR BUW13A	5	electronics	BOX9
1277	TRANSISTOR SC141E	10	electronics	BOX9
1278	TRANSISTOR C337/16	22	electronics	BOX9
1279	4 UNIT KEY MODULE FOR NCTM01	8	electronics	BOX8
1280	I.C. TMS2564 FOR PTM01 G REV.	2	electronics	BOX9
1281	I.C. M2732A FOR LIM02 (E14)	7	electronics	BOX7
1282	I.C. TMS2532A FOR DCS03 E REV.	7	electronics	BOX9
1283	I.C. M27128 FOR LMM01A (A2)	5	electronics	BOX9
1284	I.C. 68701 FOR DCS03 E REV.	7	electronics	BOX9
1285	CAPACITOR 0.15MF 250V WIMA	10	electronics	BOX9
1286	CAPACITOR 6.8MF 100V WIMA	10	electronics	BOX9
1287	TRANSISTOR 2N3053	20	electronics	BOX9
1288	TRANSISTOR BDX63 METAL TO-3	10	electronics	BOX9
1289	TRANSISTOR C1308 METAL TO-3	10	electronics	BOX9
1290	TRANSISTOR MJ13333 METAL TO-3	7	electronics	BOX8
1291	TRANSISTOR MJ8506 METAL TO-3	10	electronics	BOX9
1292	TRANSISTOR D525	10	electronics	BOX7
1293	TRANSISTOR 2N2081A	12	electronics	BOX9
1294	I.C. MK14118N	10	electronics	BOX9
1295	TRANSISTOR TIP3055	6	electronics	BOX7

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1296	TRANSISTOR D235	15	electronics	BOX7
1297	I.C. MC1496P	3	electronics	BOX7
1298	I.C. UA747CN	2	electronics	BOX7
1299	TRANSISTOR C517	30	electronics	BOX7
1300	RESISTOR 22R 2.5W WIREWOUND	2	electronics	BOX8
1301	CIRCUIT BREAKER 250V 10A 2POLE	2	electronics	electronics
1302	I.C. MBL8088	7	electronics	BOX8
1303	I.C. M5M5116P	10	electronics	BOX8
1304	TRANSISTOR 2SC945	23	electronics	BOX7
1305	TRANSISTOR BC307B	20	electronics	BOX9
1306	BNC ADAPTOR KIT PM1130	1	electronics	electronics
1307	PROBE - PIC	2	electronics	electronics
1308	25PIN MALE TO MALE MODULE	2	electronics	BOX8
1309	25PIN FEMALE TO FEMALE MODULE	3	electronics	BOX9
1310	OPTO PC817	20	electronics	BOX8
1311	RESISTOR 10K NETWORK 10PIN	10	electronics	BOX7
1312	RESISTOR 22K NETWORK 10PIN	10	electronics	BOX9
1313	RESISTOR 1K NETWORK 8PIN	10	electronics	BOX7
1314	RESISTOR 100K NETWORK 16PIN	8	electronics	BOX9
1315	RESISTOR 2.2K NETWORK 8PIN	8	electronics	BOX9
1316	RESISTOR 22K NETWORK 8PIN	10	electronics	BOX9
1317	RELAY HC4-DC24V 3A 14 PIN	20	electronics	electronics
1318	I.C. DAC1200KP-V	5	electronics	BOX9
1319	COIL 2200UH	5	electronics	BOX9
1320	TRANSISTOR BF422	15	electronics	BOX7
1321	TRANSISTOR BF459	15	electronics	BOX7
1322	TRANSISTOR BC547A	10	electronics	BOX8
1323	CAPACITOR 0.033MF 100V CERAMIC	30	electronics	BOX7
1324	CAPACITOR 1500PF 630V AXIAL EROFOL	5	electronics	BOX9
1325	CAPACITOR 0.1MF 63V CERAMIC	10	electronics	BOX9
1326	CAPACITOR 3300PF 400V AXIAL EROFOL	4	electronics	BOX7
1327	CAPACITOR 0.01MF 250V WIMA	15	electronics	BOX9
1328	CAPACITOR 0.01MF 100V WIMA	4	electronics	BOX8
1329	CAPACITOR 1.2NF 63V CERAMIC	10	electronics	BOX9
1330	CAPACITOR 2PF TO 18PF 300V VARIABLE	5	electronics	BOX9
1331	CAPACITOR 1PF TO 3.5PF 300V VARIABLE	5	electronics	BOX7
1332	CAPACITOR 5.5PF TO 65PF 100V VARIABLE	20	electronics	BOX8
1333	CAPACITOR 2PF TO 22PF 100V VARIABLE	20	electronics	BOX8
1334	CAPACITOR 1.8PF TO 10PF 100V VARIABLE	20	electronics	BOX9
1335	CAPACITOR 1.4PF TO 5.5PF 100V VARIABLE	20	electronics	BOX9
1336	CAPACITOR 330PF 100V CERAMIC	20	electronics	BOX9
1337	CAPACITOR 270PF 100V CERAMIC	20	electronics	BOX9
1338	CAPACITOR 220PF 100V CERAMIC	52	electronics	BOX7
1339	CAPACITOR 180PF 100V CERAMIC	20	electronics	BOX8
1340	CAPACITOR 150PF 100V CERAMIC	20	electronics	BOX9
1341	CAPACITOR 120PF 100V CERAMIC	20	electronics	BOX7
1342	CAPACITOR 100PF 100V CERAMIC	50	electronics	BOX9
1343	CAPACITOR 82PF 100V CERAMIC	20	electronics	BOX8
1344	CAPACITOR 56PF 100V CERAMIC	20	electronics	BOX9
1345	CAPACITOR 47PF 100V CERAMIC	20	electronics	BOX9
1346	CAPACITOR 39PF 100V CERAMIC	20	electronics	BOX7
1347	CAPACITOR 27PF 100V CERAMIC	19	electronics	BOX9
1348	CAPACITOR 22PF 100V CERAMIC	52	electronics	BOX8
1349	CAPACITOR 18PF 100V CERAMIC	20	electronics	BOX7

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1350	CAPACITOR 15PF 100V CERAMIC	20	electronics	BOX9
1351	CAPACITOR 12PF 100V CERAMIC	20	electronics	BOX9
1352	CAPACITOR 10PF 100V CERAMIC	20	electronics	BOX7
1353	CAPACITOR 8.2PF 100V CERAMIC	20	electronics	BOX8
1354	CAPACITOR 6.8PF 100V CERAMIC	20	electronics	BOX8
1355	CAPACITOR 5.6PF 100V CERAMIC	20	electronics	BOX9
1356	CAPACITOR 4.7PF 100V CERAMIC	20	electronics	BOX7
1357	CAPACITOR 3.9PF 100V CERAMIC	20	electronics	BOX8
1358	CAPACITOR 3.3PF 100V CERAMIC	20	electronics	BOX7
1359	CAPACITOR 2.7PF 100V CERAMIC	20	electronics	BOX7
1360	CAPACITOR 2.2PF 100V CERAMIC	20	electronics	BOX10
1361	CAPACITOR 1.8PF 100V CERAMIC	20	electronics	BOX7
1362	CAPACITOR 1MF 100V CERAMIC	5	electronics	BOX8
1363	CAPACITOR 0.47MF 100V CERAMIC	10	electronics	BOX8
1364	CAPACITOR 0.33MF 100V CERAMIC	10	electronics	BOX8
1365	CAPACITOR 0.22MF 100V CERAMIC	5	electronics	BOX9
1366	CAPACITOR 0.15MF 100V CERAMIC	10	electronics	BOX9
1367	CAPACITOR 0.047MF 100V CERAMIC	20	electronics	BOX9
1368	CAPACITOR 0.033MF 100V CERAMIC	20	electronics	BOX9
1369	CAPACITOR 0.022MF 100V CERAMIC	20	electronics	BOX8
1370	CAPACITOR 0.01MF 100V CERAMIC	20	electronics	BOX8
1371	CAPACITOR 1MF 50V CERAMIC	21	electronics	BOX8
1372	CAPACITOR 0.47MF 50V CERAMIC	20	electronics	BOX10
1373	CAPACITOR 0.22MF 50V CERAMIC	20	electronics	BOX8
1374	CAPACITOR 0.047MF 50V CERAMIC	20	electronics	BOX9
1375	CAPACITOR 0.02MF 50V CERAMIC	20	electronics	BOX8
1376	CAPACITOR 0.01MF 50V CERAMIC	19	electronics	BOX10
1377	CAPACITOR 0.047MF 100V CERAMIC	20	electronics	BOX9
1378	CAPACITOR 0.022MF 100V CERAMIC	20	electronics	BOX10
1379	CAPACITOR 0.01MF 100V CERAMIC	20	electronics	BOX10
1380	CAPACITOR 0.0047MF 100V CERAMIC	20	electronics	BOX10
1381	CAPACITOR 0.0022MF 100V CERAMIC	20	electronics	BOX10
1382	CAPACITOR 0.001MF 100V CERAMIC	20	electronics	BOX10
1383	CAPACITOR 0.22MF 50V CERAMIC	10	electronics	BOX9
1384	CAPACITOR 0.022MF 50V CERAMIC	20	electronics	BOX9
1385	CAPACITOR 0.01MF 50V CERAMIC	20	electronics	BOX8
1386	CAPACITOR 510PF 630V AXIAL POLYSTYRENE	20	electronics	BOX10
1387	CAPACITOR 470PF 630V AXIAL POLYSTYRENE	19	electronics	BOX8
1388	CAPACITOR 430PF 630V AXIAL POLYSTYRENE	20	electronics	BOX10
1389	CAPACITOR 390PF 630V AXIAL POLYSTYRENE	20	electronics	BOX9
1390	CAPACITOR 360PF 630V AXIAL POLYSTYRENE	21	electronics	BOX10
1391	CAPACITOR 330PF 630V AXIAL POLYSTYRENE	20	electronics	BOX9
1392	CAPACITOR 300PF 630V AXIAL POLYSTYRENE	20	electronics	BOX10
1393	CAPACITOR 270PF 630V AXIAL POLYSTYRENE	19	electronics	BOX9
1394	CAPACITOR 240PF 630V AXIAL POLYSTYRENE	20	electronics	BOX9
1395	CAPACITOR 220PF 630V AXIAL POLYSTYRENE	20	electronics	BOX9
1396	CAPACITOR 200PF 630V AXIAL POLYSTYRENE	20	electronics	BOX8
1397	CAPACITOR 180PF 630V AXIAL POLYSTYRENE	20	electronics	BOX9
1398	CAPACITOR 150PF 630V AXIAL POLYSTYRENE	20	electronics	BOX8
1399	CAPACITOR 120PF 630V AXIAL POLYSTYRENE	21	electronics	BOX10
1400	CAPACITOR 100PF 630V AXIAL POLYSTYRENE	20	electronics	BOX10
1401	CAPACITOR 8.2NF 160V AXIAL POLYSTYRENE	20	electronics	BOX8
1402	CAPACITOR 7.5NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1403	CAPACITOR 6.8NF 160V AXIAL POLYSTYRENE	20	electronics	BOX9

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1404	CAPACITOR 6.2NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1405	CAPACITOR 5.6NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1406	CAPACITOR 5.1NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1407	CAPACITOR 4.7NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1408	CAPACITOR 3.9NF 160V AXIAL POLYSTYRENE	20	electronics	BOX8
1409	CAPACITOR 3.6NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1410	CAPACITOR 3NF 160V AXIAL POLYSTYRENE	40	electronics	BOX8
1411	CAPACITOR 2.7NF 160V AXIAL POLYSTYRENE	20	electronics	BOX8
1412	CAPACITOR 2.4NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1413	CAPACITOR 2.2NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1414	CAPACITOR 2NF 160V AXIAL POLYSTYRENE	20	electronics	BOX10
1415	CAPACITOR 1.8NF 160V AXIAL POLYSTYRENE	20	electronics	BOX9
1416	CAPACITOR 1.5NF 160V AXIAL POLYSTYRENE	20	electronics	BOX9
1417	CAPACITOR 1.2NF 160V AXIAL POLYSTYRENE	20	electronics	BOX9
1418	CAPACITOR 1NF 250V AXIAL POLYSTYRENE	20	electronics	BOX8
1419	CAPACITOR 910PF 250V AXIAL POLYSTYRENE	20	electronics	BOX9
1420	CAPACITOR 0.22MF 400V METALISED FILM POL	10	electronics	BOX10
1421	CAPACITOR 0.15MF 400V METALISED FILM POL	10	electronics	BOX8
1422	CAPACITOR 0.068MF 400V METALISED FILM PO	10	electronics	BOX9
1423	CAPACITOR 0.047MF 400V METALISED FILM PO	10	electronics	BOX9
1424	CAPACITOR 1.5MF 250V METALISED FILM POLY	10	electronics	BOX10
1425	CAPACITOR 1MF 250V METALISED FILM POLYST	10	electronics	BOX9
1426	CAPACITOR 0.68MF 250V METALISED FILM POL	10	electronics	BOX9
1427	CAPACITOR 0.47MF 250V METALISED FILM POL	10	electronics	BOX8
1428	CAPACITOR 0.33MF 250V METALISED FILM POL	10	electronics	BOX10
1429	CAPACITOR 0.22MF 250V METALISED FILM POL	10	electronics	BOX10
1430	CAPACITOR 0.15MF 250V METALISED FILM POL	10	electronics	BOX9
1431	CAPACITOR 0.068MF 250V METALISED FILM PO	10	electronics	BOX10
1432	CAPACITOR 0.047MF 250V METALISED FILM PO	10	electronics	BOX10
1433	CAPACITOR 0.033MF 250V METALISED FILM PO	50	electronics	BOX9
1434	CAPACITOR 4.7MF 100V METALISED FILM POLY	10	electronics	BOX8
1435	CAPACITOR 3.3MF 100V METALISED FILM POLY	10	electronics	BOX8
1436	CAPACITOR 2.2MF 100V METALISED FILM POLY	10	electronics	BOX9
1437	CAPACITOR 1.5MF 100V METALISED FILM POLY	10	electronics	BOX10
1438	CAPACITOR 1MF 100V METALISED FILM POLYST	10	electronics	BOX10
1439	CAPACITOR 0.68MF 100V METALISED FILM POL	10	electronics	BOX9
1440	CAPACITOR 0.47MF 100V METALISED FILM POL	9	electronics	BOX10
1441	CAPACITOR 0.33MF 100V METALISED FILM POL	10	electronics	BOX9
1442	CAPACITOR 0.22MF 100V METALISED FILM POL	10	electronics	BOX9
1443	CAPACITOR 0.15MF 100V METALISED FILM POL	10	electronics	BOX10
1444	CAPACITOR 0.1MF 100V METALISED FILM POLY	20	electronics	BOX10
1445	CAPACITOR 0.33MF 250V RADIAL POLYSTER	20	electronics	BOX10
1446	CAPACITOR 0.22MF 250V RADIAL POLYSTER	20	electronics	BOX10
1447	CAPACITOR 0.15MF 250V RADIAL POLYSTER	10	electronics	BOX10
1448	CAPACITOR 0.1MF 250V RADIAL POLYSTER	10	electronics	BOX9
1449	CAPACITOR 0.047MF 250V RADIAL POLYSTER	10	electronics	BOX10
1450	CAPACITOR 0.47MF 250V RADIAL POLYSTER	10	electronics	BOX10
1451	CAPACITOR 0.047MF 250V AXIAL POLYSTER	10	electronics	BOX10
1452	CAPACITOR 0.022MF 250V RADIAL POLYSTER	9	electronics	BOX9
1453	CAPACITOR 220MF 200V SCREW TERM.	2	electronics	electronics
1454	CAPACITOR 1000MF 160V SCREW TERM.	2	electronics	electronics
1455	CAPACITOR 2200MF 100V SCREW TERM.	2	electronics	electronics
1456	CAPACITOR 1500MF 100V SCREW TERM.	2	electronics	electronics
1457	CAPACITOR 680MF 100V SCREW TERM.	2	electronics	electronics

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1458	CAPACITOR 3300MF 100V SCREW TERM.			
1459	CAPACITOR 8200MF 63V SCREW TERM.	2	electronics	electronics
1460	CAPACITOR 8200MF 50V SCREW TERM.	2	electronics	electronics
1461	CAPACITOR 3900MF 50V SCREW TERM.	2	electronics	electronics
1462	CAPACITOR 22000MF 25V SCREW TERM.	2	electronics	electronics
1463	CAPACITOR 10000MF 25V SCREW TERM.	2	electronics	electronics
1464	CAPACITOR 33000MF 16V SCREW TERM.	2	electronics	electronics
1465	CAPACITOR 15000MF 16V SCREW TERM.	2	electronics	electronics
1466	CAPACITOR 15MF 35V TANTALUM	2	electronics	electronics
1467	CAPACITOR 2.2MF 35V TANTALUM	10	electronics	BOX6
1468	CAPACITOR 1.5MF 35V TANTALUM	25	electronics	BOX6
1469	CAPACITOR 0.68MF 35V TANTALUM	18	electronics	BOX1
1470	CAPACITOR 0.47MF 35V TANTALUM	20	electronics	BOX1
1471	CAPACITOR 0.33MF 35V TANTALUM	20	electronics	BOX6
1472	CAPACITOR 0.22MF 35V TANTALUM	20	electronics	BOX1
1473	CAPACITOR 0.15MF 35V TANTALUM	20	electronics	BOX1
1474	CAPACITOR 0.1MF 35V TANTALUM	20	electronics	BOX1
1475	CAPACITOR 68MF 16V TANTALUM	20	electronics	BOX6
1476	CAPACITOR 47MF 16V TANTALUM	7	electronics	BOX6
1477	CAPACITOR 33MF 16V TANTALUM	15	electronics	BOX1
1478	CAPACITOR 15MF 16V TANTALUM	15	electronics	BOX1
1479	CAPACITOR 6.8MF 16V TANTALUM	20	electronics	BOX1
1480	CAPACITOR 2.2MF 16V TANTALUM	30	electronics	BOX6
1481	CAPACITOR 150MF 6.3V TANTALUM	20	electronics	BOX6
1482	CAPACITOR 100MF 6.3V TANTALUM	25	electronics	BOX1
1483	CAPACITOR 33MF 6.3V TANTALUM	25	electronics	BOX1
1484	CAPACITOR 22MF 6V TANTALUM	20	electronics	BOX1
1485	CAPACITOR 15MF 6V TANTALUM	20	electronics	BOX1
1486	CAPACITOR 10MF 6.3V TANTALUM	20	electronics	BOX1
1487	CAPACITOR 6.8MF 6V TANTALUM	20	electronics	BOX5
1488	BRIDGE RECTIFIER KPBC604	20	electronics	BOX1
1489	BRIDGE RECTIFIER KPBC6005	20	electronics	BOX1
1490	BRIDGE RECTIFIER KPBC104	5	electronics	BOX1
1491	BRIDGE RECTIFIER KBPC102	25	electronics	BOX1
1492	BRIDGE RECTIFIER KBPC1005	15	electronics	BOX1
1493	BRIDGE RECTIFIER 2KBPO4	5	electronics	BOX1
1494	BRIDGE RECTIFIER 2KBPO2	5	electronics	BOX1
1495	BRIDGE RECTIFIER W02	5	electronics	BOX1
1496	BRIDGE RECTIFIER W01	10	electronics	BOX1
1497	BRIDGE RECTIFIER W005	15	electronics	BOX6
1498	DIODE 1N4148	15	electronics	BOX1
1499	DIODE 1N4148	10	electronics	BOX1
1500	DIODE AC128	10	electronics	BOX1
1501	DIODE AC127	20	electronics	BOX1
1502	RESISTOR 100R NETWORK 8RES. 16PIN	10	electronics	BOX1
1503	RESISTOR 2.2K NETWORK 8RES. 9PIN	10	electronics	BOX1
1504	RESISTOR 1K NETWORK 8RES. 9PIN	10	electronics	BOX1
1505	RESISTOR 100R NETWORK 8RES. 9PIN	10	electronics	BOX1
1506	RESISTOR 1K NETWORK 7RES. 8PIN	10	electronics	BOX1
1507	RESISTOR 4.7K NETWORK 4RES. 8PIN	10	electronics	BOX6
1508	RESISTOR 390R NETWORK 4RES. 8PIN	10	electronics	BOX6
1509	RESISTOR 1.8K NETWORK 4RES. 8PIN	10	electronics	BOX1
1510	POTENTIOMETER RESISTOR 220K SIDE ADJUST	5	electronics	BOX1
1511	I.C. 4042	10	electronics	BOX1
		15	electronics	BOX1

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

Item No.	Description	Quantity	Category	Box No.
1512	I.C. 4027/14027	5	electronics	BOX1
1513	I.C. 4014	15	electronics	BOX1
1514	I.C. 4009	15	electronics	BOX1
1515	I.C. 4000	15	electronics	BOX1
1516	I.C. DS75114J	10	electronics	BOX1
1517	I.C. MM58167AN	17	electronics	BOX1
1518	I.C. DS8863N	12	electronics	BOX1
1519	I.C. DM8820N	12	electronics	BOX1
1520	I.C. D8755A	10	electronics	BOX1
1521	I.C. DP8304B	10	electronics	BOX1
1522	I.C. D8279C-5	7	electronics	BOX1
1523	I.C. 8259	12	electronics	BOX1
1524	I.C. 8257	12	electronics	BOX1
1525	I.C. 8253	17	electronics	BOX1
1526	I.C. 8251	12	electronics	BOX1
1527	I.C. 8216	11	electronics	BOX1
1528	I.C. 8212	14	electronics	BOX1
1529	I.C. SNJ55183J	22	electronics	BOX1
1530	I.C. MC8T26A	12	electronics	BOX1
1531	I.C. AD7523JN	13	electronics	BOX1
1532	I.C. 27256	17	electronics	BOX1
1533	I.C. 27128	10	electronics	BOX1
1534	I.C. 2764	6	electronics	BOX1
1535	I.C. 2732	23	electronics	BOX1
1536	I.C. 2716	14	electronics	BOX1
1537	I.C. 4164	15	electronics	BOX1
1538	I.C. 4116	25	electronics	BOX1
1539	I.C. SRM2016C	23	electronics	BOX1
1540	I.C. 68000P8	9	electronics	BOX1
1541	I.C. 6852	15	electronics	BOX1
1542	I.C. 6850	5	electronics	BOX1
1543	I.C. 6522	17	electronics	BOX1
1544	I.C. 6520	10	electronics	BOX1
1545	I.C. 6502	9	electronics	BOX1
1546	VOLTAGE REGULATOR LM305H	5	electronics	BOX2
1547	VOLTAGE REGULATOR LM304H	5	electronics	BOX2
1548	I.C. LM118H	7	electronics	BOX2
1549	VOLTAGE REGULATOR LM109H	12	electronics	BOX2
1550	VOLTAGE REGULATOR LM105H	5	electronics	BOX2
1551	VOLTAGE REGULATOR LM104H	5	electronics	BOX2
1552	QUARTZ CRYSTALS 48.0MHZ 2PIN	2	electronics	BOX2
1553	QUARTZ CRYSTALS 5.24288MHZ 2PIN	2	electronics	BOX2
1554	QUARTZ CRYSTALS 2.4576MHZ 2PIN	4	electronics	BOX2
1555	QUARTZ CRYSTALS 1.8432MHZ 2PIN	4	electronics	BOX2
1556	OPTO 4N31	10	electronics	BOX2
1557	OPTO 4N29	10	electronics	BOX2
1558	ELECTOMECH LUBRAICAT	5	electronics	electronics
1559	RELAY ZPV4003B 3-24VDC 4PIN SOLID STATE	2	electronics	BOX2
1560	RELAY CS240/2.5 3-32VDC 4PIN SOLID STATE	2	electronics	BOX2
1561	RELAY HE852A5217 6PIN SOLID STATE	5	electronics	BOX2
1562	RELAY HE852A5216 6PIN SOLID STATE	5	electronics	BOX2
1563	HEAT SINK (VERTICAL) 50LX35WX25THK.	5	electronics	BOX2
1564	RELAY HE721A05-10 5VDC 0.5A 8PIN SOLID S	2	electronics	BOX2
1565	BASE 40 PINS STANDARD WIRE WRAP	10	electronics	BOX2

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1566	BASE 28 PINS STANDARD WIRE WRAP	10	electronics	BOX2
1567	BASE 24 PINS STANDARD WIRE WRAP	3	electronics	BOX2
1568	BASE 22 PINS STANDARD WIRE WRAP	10	electronics	BOX2
1569	BASE 20 PINS STANDARD WIRE WRAP	10	electronics	BOX2
1570	BASE 18 PINS STANDARD WIRE WRAP	10	electronics	BOX2
1571	BASE 16 PINS STANDARD WIRE WRAP	10	electronics	BOX2
1572	BASE 14 PINS STANDARD WIRE WRAP	10	electronics	BOX2
1573	BASE 8 PINS STANDARD WIRE WRAP	10	electronics	BOX2
1574	BASE 64 PINS LOW PROFILE TURNED PIN CONT	10	electronics	BOX2
1575	BASE 48 PINS LOW PROFILE TURNED PIN CONT	20	electronics	BOX2
1576	BASE 24 PINS LOW PROFILE TURNED PIN CONT	15	electronics	BOX2
1577	BASE 22 PINS LOW PROFILE TURNED PIN CONT	20	electronics	BOX2
1578	BASE 20 PINS LOW PROFILE TURNED PIN CONT	20	electronics	BOX2
1579	BASE 18 PINS LOW PROFILE TURNED PIN CONT	20	electronics	BOX2
1580	BASE 8 PINS LOW PROFILE TURNED PIN CONT	10	electronics	BOX2
1581	BASE 6 PINS LOW PROFILE TURNED PIN CONT	10	electronics	BOX2
1582	BASE 64 PINS LOW PROFILE OPEN FRAME GOLD	10	electronics	BOX2
1583	BASE 28 PINS LOW PROFILE OPEN FRAME GOLD	5	electronics	BOX2
1584	BASE 24 PINS LOW PROFILE OPEN FRAME GOLD	10	electronics	BOX2
1585	BASE 22 PINS LOW PROFILE OPEN FRAME GOLD	20	electronics	BOX2
1586	BASE 18 PINS LOW PROFILE OPEN FRAME GOLD	10	electronics	BOX2
1587	BASE 8 PINS LOW PROFILE OPEN FRAME GOLD	15	electronics	BOX2
1588	BASE 6 PINS LOW PROFILE OPEN FRAME GOLD	20	electronics	BOX2
1589	BASE 40 PINS LOW PROFILE OPEN FRAME TIN	33	electronics	electronics
1590	BASE 28 PINS LOW PROFILE OPEN FRAME TIN	10	electronics	BOX2
1591	BASE 24 PINS LOW PROFILE OPEN FRAME TIN	10	electronics	BOX2
1592	BASE 22 PINS LOW PROFILE OPEN FRAME TIN	10	electronics	BOX2
1593	BASE 20 PINS LOW PROFILE OPEN FRAME TIN	75	electronics	BOX2
1594	BASE 18 PINS LOW PROFILE OPEN FRAME TIN	40	electronics	BOX2
1595	BASE 14 PINS LOW PROFILE OPEN FRAME TIN	20	electronics	BOX2
1596	BASE 8 PINS LOW PROFILE OPEN FRAME TIN C	34	electronics	BOX3
1597	BASE 6 PINS LOW PROFILE OPEN FRAME TIN C	40	electronics	BOX3
1598	DIODE 12F60	12	electronics	electronics
1599	DIAC DB3	10	electronics	BOX3
1600	TRANSISTOR D45H11	5	electronics	BOX3
1601	VARISTOR 1N6291A 1.5KE68	5	electronics	BOX3
1602	I.C. 101397 FOR L&N RECORDER	8	electronics	BOX2
1603	I.C. 9016	8	electronics	BOX3
1604	I.C. 81LS97	17	electronics	BOX3
1605	INDUCTOR 3.3 UH	6	electronics	BOX2
1606	I.C. 8224	11	electronics	BOX3
1607	DIODE 400031	4	electronics	BOX2
1608	I.C. AY-5-1013A	9	electronics	BOX2
1609	I.C. C540H METAL	2	electronics	BOX3
1610	I.C. 81LS98	25	electronics	BOX2
1611	I.C. WD1691	11	electronics	BOX3
1612	I.C. FD1791A-02	11	electronics	BOX2
1613	I.C. 8228	12	electronics	BOX2
1614	I.C. 6N139	22	electronics	BOX2
1615	I.C. 8080	5	electronics	BOX3
1616	I.C. 82S100	2	electronics	BOX2
1617	I.C. 82S16	22	electronics	BOX2
1618	I.C. AM93422PC	2	electronics	BOX3
1619	BNC-PLUG UG 88/50 OHM	3	electronics	BOX2

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1620	RELAY GBR10.1-11.24 24VDC 8A SPIN	2	electronics	BOX2
1621	DIODE BY127	13	electronics	BOX2
1622	DIODE MRI1200	30	electronics	BOX2
1623	DIODE IS1588	2	electronics	BOX2
1624	DIODE BY133	5	electronics	BOX2
1625	ZENER DIODE 8.2V SZ600 METAL	2	electronics	BOX2
1626	TRANSISTOR AC122 METAL	13	electronics	BOX2
1627	CAPACITOR 0.001MF 100V WIMA	21	electronics	BOX2
1628	DIODE SB530G1	4	electronics	BOX2
1629	CAPACITOR 68PF 500V CERAMIC	20	electronics	BOX2
1630	TRANSISTOR 2N2219 METAL	10	electronics	BOX2
1631	I.C. 7407	6	electronics	BOX2
1632	CAPACITOR 0.01MF 1KV WIMA	5	electronics	BOX2
1633	RESISTOR 4.7R 2.5W WIREWOUND	7	electronics	BOX2
1634	I.C. MC3426L	6	electronics	BOX2
1635	RESISTOR 47R 10W WIREWOUND	8	electronics	BOX2
1636	CAPACITOR 2400MF 500V CERAMIC	5	electronics	BOX2
1637	TRANSISTOR MJ8505 METAL TO-3	5	electronics	BOX2
1638	TRANSISTOR BU208A METAL TO-3	6	electronics	BOX2
1639	TRANSISTOR MJE2955T	2	electronics	BOX2
1640	TRANSISTOR TIP122	10	electronics	BOX2
1641	FUSE CERAMIC 10A 300V 10X33MM	10	electronics	BOX2
1642	MCS MASTER CLOCK BOARD	1	electronics	electronics
1643	D.C I/P MODULE RA-2813 +125V LR-D09308	1	electronics	electronics
1644	POWER SUPPLY 120VAC/120VAC	5	electronics	electronics
1645	THERMOSTAT 0-300C 250 V /16A	1	metal	steel
1646	CLAM - ON ULTRASONIC FLOW METER DN502" -	2	metal	steel
1647	SHUT-OSS V/V D 1/4" TYPE 365-1	13	metal	steel
1648	CABLE NTKU11 TERMINATION LOOP CABLE	4	metal	steel
1649	TUBING HARNESS ASSY. FOR ROSEMOUNT SILIC	14	plastic	plastic
1650	SOLENOID V/V SEMPLE SILICA ANALYZE ROSEM	5	plastic	plastic
1651	CONTACT BLOK	2	metal	steel
1652	SWITCH BODY	2	metal	steel
1653	VALVE DISCS FOR TYPE W2/G/20/V	4	metal	steel
1654	SPOOL SPRING FOR TYPE RQ5P5/20/V	2	metal	steel
1655	VALVE SPOOL FOR TYPE RQ5P5/20/V	2	metal	steel
1656	ADJUSTING SCREW SPRINGS FOR TYPE RQA5P5	2	metal	steel
1657	VALVE SPOOL SPRING FOR TYPE RQA5P5/1/20/	2	metal	steel
1658	VALVE SPOOL FOR TYPE RQA5P5/1/20/V	2	metal	steel
1659	ADJUSTING SCREW SPRING FOR TYPE RQ3/P/20	2	metal	steel
1660	VALVE SPOOL FOR TYPE RQ35P/20/V	2	metal	steel
1661	SPRINGS FOR TYPE RQ35P/20/V	1	metal	steel
1662	PUMP FILTER FLOW GAUGE	8	metal	steel
1663	GASKET TEFLON I.D 28.17	1	TEFLON	TEFLON
1664	GASKET TEFLON I.D 75.80MM	1	TEFLON	TEFLON
1665	COMPRESSION SPRING WIRE DIA.5.5XO.D63.4X	1	metal	steel
1666	RELIFE V/V 1" VR5-W2/G/20V DUPLOMATIC	1	metal	steel
1667	REPAIR O.RING KIT FOR INTERCEPTER VALVE	4	RUBBER	RUBBER
1668	REPAIR O.RING KIT FOR E/H TRANSDUCER TYP	37	RUBBER	RUBBER
1669	REPAIR O.RING KIT FOR DUMP VALVE RQ7/P5/	10	RUBBER	RUBBER
1670	REPAIR O.RING KIT FOR VALVE VR.2.1/3 EME	40	RUBBER	RUBBER
1671	REPAIR O.RING KIT FOR VALVE VR.7-1/V.	14	RUBBER	RUBBER
1672	DEAD WEIGHT GAUGE (PSI)	1	tool	tool
1673	WEIGHT FOR BENCH 2	1	tool	tool

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1674	WEIGHT FOR BENCH 1			
1675	RELAY 230V TYPE KSY11D SCHLEICHER	1	tool	tool
1676	PLANT COMM LOOP CABLE NKPL01	1	metal	steel
1677	MODULE MOUNTING UJNT IEMMU11	19	metal	steel
1678	IMDSO14 DIGITAL SLAVE OUTPUT MODULE	2	metal	steel
1679	ANALOG SLAVE OUTPUT IMASO11	1	metal	steel
1680	POWER ENTRY CIRCUIT BREAKER 240V 20A	1	metal	steel
1681	POWER MONITOR MODULE 1PMON01	1	metal	steel
1682	POWER FIELD MODULE IPFLD01	1	metal	steel
1683	POWER SYSTEM FAN	1	metal	steel
1684	TERMINATION UJNT MULTI FNCTION CONT. NTM	1	metal	steel
1685	Soft goods for ST10 (Gasket Seal set)	4	metal	steel
1686	LINKS CABLE (NTMF01 TO NTCS01) NKSE01	4	metal	steel
1687	MULTIFUNCTION PROCESSOR MODULE IMMFP12	4	metal	steel
1688	PORTABLE TACHOMETER DUAL FUNCTION	15	electronics	electronics
1689	PIPE & FITTING (FERRULE) 42MM DIA (H2PLA	1	tool	tool
1690	PIPE & FITTING (FERRULE) 28MM DIA (H2PLA	9	metal	steel
1691	PIPE & FITTING (FERRULE) 18MM DIA (H2PLA	50	metal	steel
1692	PIPE & FITTING (FERRULE) 12MM DIA (H2PLA	50	metal	steel
1693	PIPE & FITTING (FERRULE) DIAM. 8MM	20	metal	steel
1694	MANIFOLD V/V 1/2" 2V/V DN3 PN400	10	metal	steel
1695	PRES. IND. SW. 0-1BAR	2	metal	steel
1696	TEMP. IND. SW. 0-120C L=100MM 9-TIS-3341	1	metal	steel
1697	TEMP. IND. SW. 0-120C L=200MM 9-TIS-1751	1	metal	steel
1698	PRES. GAUGE 0-1.6KG/CM2 DIAL 100MM CON.1	1	metal	stanless steel
1699	SEAL SET FOR PRESS SWITCH OV 16/132 (SUL	1	metal	stanless steel
1700	PACKING TEFLON BRAIDED 22X38X8MM	1	metal	steel
1701	GASKET GRAPHITE 103X114X2MM	9	metal	steel
1702	SEAL SET ASM 250-10	2	metal	steel
1703	PACKING GRAPHITE 80X105X12.5MM CLOSED	1	metal	steel
1704	PACKING GRAPHITE 60X80X10MM CLOSED	4	GRAPHITE	GRAPHITE
1705	SEAL SET ASM 160-10	1	GRAPHITE	GRAPHITE
1706	S.W GASKET 246.5X269X4.5MM GRAPHITE FILL	1	metal	steel
1707	PACKING GRAPHITE 50X70X10MM CLOSED	1	metal	stanless steel
1708	MICRO SW. MP110-1ASUW06 SULZER	4	metal	steel
1709	PRES. SW. FOR OV 16/32 B (SULZER)	1	metal	steel
1710	3/2 WAY POPPET VALVE NG 4/G 42-48	1	metal	steel
1711	3/2 WAY POPPET VALVE 3SE6U2X/315G48	1	metal	steel
1712	SEAL SET ST10-63/-4 ST10-4/R6Z-1/200	2	metal	steel
1713	SEAL SET ST10-63/4 ST10-63/R6Z-1/200	1	electronics	BOX5
1714	SEAL SET BL10	1	electronics	BOX5
1715	FUSING & VOLTAGE MONITORING NSR 10	1	electronics	BOX5
1716	SPRING WASHER O.D5.7XI.D3.3MM C.S 231-70	1	metal	steel
1717	SCREW 3X040MM S.S 309-530-402	6	electronics	BOX4
1718	LITHIUM BATTERY 3.6 V 35MA	6	electronics	BOX4
1719	GALSS TUBE FOR SAMPLE FLOW METER RANGE 8	2	electronics	electronics
1720	GALSS TUBE FOR SAMPLE FLOW METER RANGE 5	4	Glass	Glass
1721	SPARE GLASS FOR A-102 TAG 9-F122031B	3	Glass	Glass
1722	ELECTRODE CABLE MODEL NO. WU20-PC02D	3	Glass	Glass
1723	PH ELECTRODE MODEL NO. SM21-AG4	3	metal	steel
1724	REFERENCE ELECTRODE MODEL NO. SR20-AP24	1	metal	steel
1725	TEMP. ELECTRODE MODEL NO.SM60-PT100 -20-	1	metal	steel
1726	FLOW FITTINGS MODEL NO. FF20-P33*B/K	1	metal	steel
1727	FUSE CERAMIC 10A 250V 5X20MM CYLINDRICAL	1	metal	steel
		10	electronics	electronics

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

1728	IR DETECTOR CODE771.032 FOR CARBON&SULFU	2	electronics	BOX4
1729	CARD AC 773-378A	1	metal	steel
1730	CPU CARD 770-458E	1	metal	steel
1731	DATA BOARD/8X8K RAM CARD 777-107-D	1	metal	steel
1732	SWITCH BOARD I/O CARD 770-423-F/CARBON-S	1	metal	steel
1733	RECTIFIER 15 KV EDI8715	4	electronics	BOX4
1734	POWER SUPPLY AMPLIFIER GIBERTINI	1	metal	steel
1735	VALVE GSV 39WITH 1ML LOOP	1	metal	steel
1736	MATCHED FILAMENTS RHENIUM TUNGESTEN	1	metal	steel
1737	HEATING RESISTOR 80W 220V DIA 50MMX30MM	1	metal	steel
1738	JET (UGELLO VSP NZ373)	2	electronics	BOX4
1739	CONNECTOR MODEL 680	2	electronics	BOX4
1740	TEMPERATURE PROBE 1PT 1X100	1	electronics	BOX5
1741	HEATING RESISTOR 100W,220 V	1	electronics	BOX5
1742	STEPPER MOTOR 24V TYPE PJ80A2-20	1	metal	steel
1743	THERMOSTAT TS 3811/2	1	electronics	BOX5
1744	AUXILIARY RELAY 24VDC TYPE HP2 8 PIN	1	electronics	BOX4
1745	FUSE GLASS 16A 250V 10X38MM	10	electronics	BOX5
1746	HEATER FOR 84.00/85.00 TENGESTON WIRES	1	metal	steel
1747	PRESSURE GAUGE 0-4BAR DIAL 40MM CON.1/8"	1	electronics	BOX4
1748	FLOW REGLATOR UFR38/205	1	metal	steel
1749	KNOB FOR DPR,UFR	2	electronics	BOX4
1750	PRESSURE REGULATOR DPR 38/2000M	2	metal	steel
1751	DIVISION AC1 14583 1-10-60	1	electronics	BOX6
1752	PCB RL5-56/CHN WITH 5 RELAYS	1	metal	steel
1753	PCB RL6-65-1A/CHN	1	metal	steel
1754	PCB RL5-65/CHN WITH 2 RELAYS	1	metal	steel
1755	PCB MB 65-1A/CHN	1	metal	steel
1756	PCB CS 1017 KB.CHN/1	1	metal	steel
1757	PCB CS 1015/AM-CHN	1	metal	steel
1758	MOTHER BORD FOR BAILEY INDICATOR	6	electronics	electronics
1759	CABLE CONN,REC,CRL,CR5	2	electronics	BOX4
1760	AUX. RELAY 24VDC 525 OHM TYPE NA.BV.193	3	electronics	BOX4
1761	PCB PREAMP	4	electronics	BOX6
1762	PCB REAGENT PUMP	1	electronics	BOX4
1763	FILTER ASSY (ELECTRICAL)	2	electronics	electronics
1764	PRE-AMPLIFIER ASSY	4	electronics	BOX4
1765	MEASURING CELL 50 MM SR2	2	electronics	electronics
1766	O-RING I.D 0017.2XTHK.1.8MM FOR NV 0800	13	electronics	BOX4
1767	SPINDLE COMPLETE FOR VALVE 2401103/05955	23	metal	steel
1768	MOISTURE SENSOR DY40E ENDRESS+HAUSER	1	metal	steel
1769	MOISTURE SWITCH TYPE HYGROLOG WTY 185	1	metal	steel
1770	MOISTURE SWITCH TYPE HYGROLOG WTY 181	1	metal	steel
1771	PISTON DRIVEN CONTROL BOSCH 0 810 001 12	2	electronics	BOX6
1772	OIL OPERATED PISTON DRIVEN CONTROL BOSCH	1	metal	steel
1773	DIGITAL THERMOMETER TMDT-1 (50-1150) C	1	tool	tool
1774	DUAL CHANNEL PROCESSING TDSP/A287C1AXIAL	2	metal	steel
1775	DUAL CHANNEL PROCESS. MODUAL TDSP/A2/B7/	2	metal	steel
1776	DUAL CHANNEL PROCESSING MODULES TDS/A1/B	4	metal	steel
1777	TDSP/A1/C1 POWER SUPPLY MODULES	4	metal	steel
1778	ISOLATOR SWITCH TYPE WE 77/EX2	2	metal	steel
1779	LEVEL SW. TYPE SM/E UM 220V 5A	1	metal	steel
1780	FLOAT ASSEMBLY (ROD) RELEVANT TO CVM20	2	metal	steel
1781	FLOAT ASSEMBLY (ROD) FOR CVM40.A.J.2M2 (	2	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع

1782	RELAY SOCKET 300V 10A FOR RELAY TYPE HC4	1	metal	steel
1783	AUX. RELAY 115VAC TYPE HCH 14 PIN	2	electronics	BOX4
1784	AUX. RELAY 24VDC TYPE HCH 14 PIN	10	electronics	BOX4
1785	THERMOSTAT WITH PROBE C75C SCALE (40-120	2	metal	steel
1786	MERCURY GLASS THERMOMETER -30 TO 50 L=30	4	Glass	Glass
1787	THERMOMETER 0-100C L=170MM 1/2" NPT (MER	1	Glass	Glass
1788	THERMOMETER 0-100C L=300MM (MERCURY)	4	Glass	Glass
1789	FEMALE CONNECTOR 4 PIN VE 3108 R18-435 F	10	metal	steel
1790	PLUG V/V (BALL) 1/2" TUFLIN 600LB WCB S.	2	plastic	plastic
1791	PISTON VALVE ACTUATOR SHUT-OFF (1 1/2)IN	2	metal	steel
1792	THRUST BEARING PAD MAUIFIED WITHOUT RTD.	1	metal	steel
1793	TIGHT FITTINGS FOR THRUST BEARING RTD.	2	metal	steel
1794	AIR SEAL RING FOR WATER BOX VACUUM BREAK	2	RUBBER	RUBBER
1795	MAIN BOARD LMLF AZ-480	1	metal	steel
1796	INCLINED TUBE MONOMETER SCALE WITH METAL	1	metal	steel
1797	HEATER ELEMENT CM275 FOR ASTD 1275	1	metal	steel
1798	FUSE GLASS 10A 250V 5X20MM	10	electronics	BOX4
1799	MUFFLE FURNACE HEATING CHAMBER	1	metal	steel
1800	HEATER FOR CENTERFUGE ASTM D96-CM118/R 2	2	metal	steel
1801	HEATER ASTM 0524 RAD 127X90 V220 W1700	1	metal	steel
1802	THERMOSTAT RT10 FOR COOLING BATH (-25 TO	1	metal	steel
1803	CLOSED CUP FLASH POINT	1	electronics	BOX5
1804	MOTOR CIRCULATING PUMP TIPO A MCL.ASTM-D	1	metal	steel
1805	HEATER ELEMENT 30CM LONG TYPE U 220V 400	1	metal	steel
1806	ROUND HEATER ELEMENT 8" DIA 220VAC/1600W	2	metal	steel
1807	FUSE CERAMIC 5A 250V 5X20MM CYLINDRICAL	30	electronics	BOX4
1808	FUSE HOLDER 7689 5A CM118/R	1	electronics	BOX4
1809	SWITCH ON-OFF FOR CENTRIFUGE CN 118/R 10	3	electronics	BOX5
1810	IRON CONSTANT THERMOCOUPLE & CONTROL BUL	1	metal	steel
1811	RESISTANCE HEATER CU-STRIP 220VAC / 500W	2	metal	steel
1812	RESISTANCE HEATER D98/R L=330MM	1	metal	steel
1813	CLAMP 2"	2	metal	steel
1814	STIC TITE	2	electronics	BOX5
1815	STOPCOCK GREASE	1	electronics	BOX5
1816	HOLDER SENSOR	2	electronics	BOX4
1817	PRE-AMPLIFIER FOR ELECTRODE	2	metal	steel
1818	O-RING I.D 0063.5XTHK.3.5MM	4	electronics	BOX4
1819	CONNECTING RING FOR ELECTRODE COVER	2	plastic	plastic
1820	FLOW CHAMPER FOR PH ELECTRODE ASSY.	2	plastic	plastic
1821	COVER FOR ELECTRODE ASSY.	2	plastic	plastic
1822	DUAL O.RING	6	electronics	BOX5
1823	WASHER O.D19.3X I.D12.2MM TEFLON	6	electronics	BOX5
1824	COMPRESSION NUT	6	electronics	BOX5
1825	CABLE SHORTING (CONNECTION HEAD)	2	electronics	BOX5
1826	SAMPLING PLUG	2	electronics	BOX5
1827	PH ANALYZER TEMP. SENSOR 022289	3	metal	steel
1828	TUBE PLASTIC I.D3.2XL103MM 1016-213	1	electronics	BOX5
1829	DRAIN TUBING 1016.218	1	plastic	plastic
1830	REGENT TUBING 1016-230	1	plastic	plastic
1831	SAMPLE TUBING 1016.216	3	plastic	plastic
1832	GLASS FUSE 1.5A 250V SPRING WITH RESISTO	2	electronics	BOX4
1833	LAMP (FLANGE 1095-145) FOR PHOSPHATE ANA	2	electronics	BOX5
1834	FUSE GLASS 1/8A 250V 6.3X32MM SPRING WIT	2	electronics	BOX5
1835	FLOAT SWITCH 1080-116	1	electronics	BOX5

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1836	ACTUATING LEVER SEAL 1048-356	2	electronics	BOX6
1837	RETAINING RING 1042-119	2	electronics	BOX5
1838	COMPRESSION SPRING WIRE DIA.0.7XO.D9.15X	2	electronics	BOX6
1839	O-RING I.D 0018.5XTHK.1.7MM 1048-355	6	electronics	BOX5
1840	SAMPLE CHAMPER GASKET-1048.348	6	electronics	BOX4
1841	REGENT TUBING 1016-231	1	electronics	BOX5
1842	CHECK VALVE 2560.006	6	electronics	BOX6
1843	SYRINGE	6	metal	steel
1844	INK CARTRIDGE GREEN FOR TURBINE RECORDER	100	plastic	plastic
1845	INK CARTRIDGE BLUE FOR TURBINE RECORDER	100	plastic	plastic
1846	INK CARTRIDGE RED FOR TURBINE RECORDER	100	plastic	plastic
1847	TEMP. SENSOR	1	electronics	BOX5
1848	CELL CHAMPER	1	plastic	plastic
1849	LIGHT SOURCE	2	electronics	BOX4
1850	SYNCHRONOUS MOTOR VOLT100 VAC HZ50 MFO.2	3	metal	steel
1851	PUMP ASSY HORIBA ACA00/115V 3W 4C-6	1	metal	steel
1852	DC SOLENOID DC 24V NO304 USH10	2	electronics	BOX5
1853	ANALYZER PAT.BEND SOLENOID V/V 24VDC PRE	3	metal	steel
1854	POWER SUPPLY 110VAC INPUT MAX.DC 1.3A	1	metal	steel
1855	PANEL DISPLY PCB	1	electronics	BOX6
1856	NOISE FILTER. AC.DC 250V.5A TV.AC 1500V	1	electronics	BOX5
1857	PANEL SW. PCB	1	electronics	BOX6
1858	OVER FLOW PATH ASSEMBLY PART.NO. H214086	1	plastic	plastic
1859	HOOK BAR (FOR OIL RING)	1	tool	tool
1860	RETRO ALIGNMENT TOOL FOR ELECTRON ANALYZE	2	tool	tool
1861	EXTENSION CABLE FOR TEMP. PROB PCO (10M)	1	tool	tool
1862	TEMP. TESTER STANDARD PROBE PCO - 1 METE	1	tool	tool
1863	FILTER FOR F.E.M (DISPOSABLE FILTER)	1	tool	tool
1864	PAPER ROLLERS-PCO.961 7067102	1	electronics	BOX5
1865	ELECTRONIC FILTER BOARD CODE: 50E525093	1	metal	steel
1866	DIFF. PRESS. IND. SW. FOR E/H FLUID FILT	29	metal	steel
1867	PRESSURE REGULATOR 0-2.5KG/CM2 CON.1/4"	2	metal	steel
1868	PRES. GAUGE 0-100KG/CM2 DIAL 100MM CON.1	1	metal	stanless steel
1869	POWER SUPPLY MODULE SU/PS 6ES5 930-7AA 1	1	metal	steel
1870	POSISTOR FOR CONVERTER 63A PTH 201T	6	electronics	BOX6
1871	PLUNGER FOR SOLENOID V/V 24VDC "A/M ITEM	25	metal	steel
1872	DIGITAL MULTIMETER MODEL NO.GDM-8039	1	tool	tool
1873	ORIFICE 2-FE3921-MU-DN6-ANSI 300	4	metal	steel
1874	O-RING I.D 0009.2XTHK.1.7MM	3	RUBBER	RUBBER
1875	METERING TUBE RANGE (0.2-30)SCFH	1	metal	steel
1876	ROTMETER FLOW METER 0.1-5GPH TYPE D0105N	1	metal	steel
1877	DIAPHRAGM SEAL RANGE(-1-1.5KG/CM2) 1/2"	1	metal	stanless steel
1878	DIAPHRAGM SEAL RANGE (0-160)KG/CHSQ 1/2"	1	metal	stanless steel
1879	DIPHRAM SEAL MGS-9/111/544 (0-250)KG/CM	1	metal	stanless steel
1880	POINTER DS 160	6	metal	steel
1881	CASE WITH BACK HOLDER FOR PRESSURE GAUGE	2	metal	stanless steel
1882	PRESSURE GAUGE -76CM HG-3 KG/CM2	1	metal	steel
1883	PRESSURE AIR REGULATOR WITH FILTER 0-10K	2	metal	steel
1884	DOUBLE RTD L=300MM	1	metal	steel
1885	DISSOLVED OXYGEN ANALYZER PROBE (PVC)	2	electronics	electronics
1886	AUX. RELAY 24VDC 8PIN RONAN RDSH-1006	7	metal	steel
1887	ALARM MODULE WITH RELAY	9	metal	steel
1888	DIAPHRAGME OF PISTON AC0608	8	RUBBER	RUBBER
1889	SOLENOID V/V 24VDC MOUNTED (7) CLASS "H"	1	metal	steel

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1890	COIL FOR SOLENOID VALVE HT834481MO 24DCV	5	metal	steel
1891	PRES. GAUGE COVER REMOVAL TOOL 150MM	1	tool	tool
1892	EXTRACTION TOOL 455822-2	1	tool	tool
1893	HAND CLIPING TOOL 90242-2	1	tool	tool
1894	EXTRACTION TOOL 465195-1	1	tool	tool
1895	HAND CLIPING TOOL 90028-2	1	tool	tool
1896	INSERTION TOOL 06-1877-04	1	tool	tool
1897	EXTRACTION TOOL 06-1877-04	1	tool	tool
1898	FLOURESCENT LAMP 6W 22CM	2	Glass	Glass
1899	FLOURESCENT LAMP 8W 30CM	2	Glass	Glass
1900	SOLENOID PUSH ROD	4	electronics	BOX4
1901	SOLENOID 020387	2	electronics	BOX5
1902	CLIP ROD	2	electronics	BOX5
1903	PULLEY (DRIVE CORD)	2	electronics	BOX5
1904	AUX. RELAY 12VDC 1800 OHM TYPE R10-E4099	2	electronics	BOX5
1905	TRANSFORMER	2	electronics	electronics
1906	ADJUSTING SCREW 2.5X6MM S.S	2	electronics	BOX5
1907	SCREW 3X006MM S.S1/4K3-48 BINDING HEAD	2	electronics	BOX5
1908	TIE CASING	2	electronics	BOX5
1909	COMPLETE SAMPLE FLOW METER 120-1200CC/MI	2	metal	steel
1910	COMPLETE SAMPLE FLOW METER 80-800 CC/MIN	2	metal	steel
1911	COMPLETE SAMPLE FLOW METER 50-500 CC/MIN	4	metal	steel
1912	LAMP HOLDER 240V FOR IND. LAMP 18V 2W SC	8	plastic	plastic
1913	LAMP HOLDER 240V FOR IND. LAMP 18V 2W SC	8	plastic	plastic
1914	PUSH BUTTON SWITCH 125V	2	plastic	plastic
1915	FUSE AUTOMATIC CUT OFF 3A 3 PIN	5	plastic	plastic
1916	FUSE AUTOMATIC CUT OFF 1A 3 PIN	5	plastic	plastic
1917	TOGGLE SWITCH 250VAC 30A	20	electronics	electronics
1918	MHI TERMINAL BLOCK WITH ROLAR (10 PINS)	10	plastic	plastic
1919	PLUG CONNECTER FOR LOCAL INST. PANEL COM	10	plastic	plastic
1920	STROKE CONTROL UNIT (ELECTRO-SERVO UNIT)	1	electronics	electronics
1921	PUSH BUTTON SWITCH (4 POINT) WITH RED LA	2	electronics	electronics
1922	FEMALE ELCO CONNECTOR CABLE	30	metal	steel
1923	PNEUMATIC ACTUATOR P106DE	2	metal	steel
1924	SOLENOID V/V 214VDC MSMVA5/02470GTFX090D	1	metal	steel
1925	عمود ستانلس ستيل (340x6.25 ملم)	4	metal	stanless steel
1926	عمود ستانلس ستيل (250x6.25 ملم)	5	metal	stanless steel
1927	THRUST BEARING PAD WITH TWO DOUBLE TEMP.	2	metal	steel
1928	SELF-ACTUATED LEVEL REGULATOR FLOAT NB.1	1	metal	copper
1929	SELF-ACTUATED LEVEL REGULATOR BODY NB.1/	1	metal	copper
1930	FLOW METER GLASS TUBE NB.1"NPT 10-30BAR	1	Glass	Glass
1931	SELF-ACTUATED LEVEL REGULATOR NB 1/2"NPT	1	metal	copper
1932	TANK PRESSURE SWITCH TYPE KPS43060-3120	1	metal	steel
1933	ALARM PRESSURE SWITCH RANGE 10-30BAR	1	metal	steel
1934	COMPRESSOR HIGH-LOW PRESS. S.W (8-30BAR)	1	electronics	electronics
1935	GLASS FOR STANDARD PRES. GAUGE DIAL.=200	3	Glass	Glass
1936	DIRECTIONAL V/V 24VDC TYPE 4WE6J52/AG48N	1	metal	steel
1937	DIRECTIONAL V/V 48VDC 4WE5N6.2/G48ZRSO46	1	metal	steel
1938	MEASURING PIPE FOR FLOW METER DIA=6MM X	4	metal	stanless steel
1939	FLOW METER 79-30037 8L/H 3/8" INLET PORT	1	Glass	Glass
1940	ABSORBENT WITH INDICATOR CT200TYPE 80 00	10	metal	steel
1941	PLATINUM FILAMENT	5	metal	steel
1942	MEASURING BURETTE A FOR H2	1	metal	Glass
1943	MEASURING BURETTE D FOR O2	1	metal	Glass

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1944	FLOW METER KDS-120 (0-1M3/H)	2	Glass	Glass
1945	LAMP HOLDER FOR LAMP 250V 2.5W GREEN AND	20	metal	plastic
1946	CONTROL SWITCHES WITH KEY 380V/6A	4	metal	steel
1947	PUSH BUTTON 220V/10A (RED & GREEN)	10	metal	steel
1948	H2 PRESSURE INDICATOR	1	metal	steel
1949	H2 PURITY INDICATOR	1	metal	steel
1950	PUMP-REGULATOR 0150625022 BOSCH	1	metal	steel
1951	CONTROL VALVE REGULATOR	1	metal	steel
1952	LOCAL PRESSURE CONTROLLER 0-30 PSI FISHE	1	metal	steel
1953	LOCAL PRESSURE CONTROLLER 0-100 PSI FISH	1	metal	steel
1954	DOUBLE THROTTLE VALVE REXROTH	1	metal	steel
1955	DOUBLE CHECK VALVE REXROTH	1	metal	steel
1956	FISHER PNEUMATIC POSITIONER - ROTARY INP	2	metal	steel
1957	SCREW 3X010MM	10	metal	stanless steel
1958	SCREW 3X025MM	8	metal	stanless steel
1959	LOCAL TEMPERATURE CONTROLLER 0-150 C	1	metal	steel
1960	REPAIR KIT FOR POSITIONER OF AUX. FULE A	24	metal	steel
1961	REPAIR KIT FOR RELIEF VALVE	1	metal	steel
1962	REPAIR KIT UNLOADER. RQAS_PS /1/1/40/V	2	metal	steel
1963	CHECK VALVE VR2-1/3V	7	metal	steel
1964	CHECK VALVE VR7-1/V	1	metal	steel
1965	COIL FOR SOLENOID VALVE 24VDC D4-P4-TA/V	5	metal	steel
1966	COIL FOR SOLENOID VALVE 24VDC FOR S.V MD	10	metal	steel
1967	COIL FOR SOLENOID VALVE TYPE MB301	10	metal	steel
1968	I/P CONVERTOR FISHER 3-15 PSI	1	electronics	electronics
1969	LVDT/UC/120 FOR RECOVERY TURBINE	1	metal	steel
1970	LVDT COMPLET FOR INTERCEPTOR VALVE	1	metal	steel
1971	SENSOR KIT 0-200PSI FOR PRESSURE TRANSMI	1	metal	steel
1972	SENSOR KIT 2000PSI FOR PRESSURE TRANSMIT	1	metal	steel
1973	JUNCTION BOX FOR ACOUPLE OF T-NC8/API	1	metal	steel
1974	RECORDER MODEL 288 50HZ FOR GEN CONDETIO	1	electronics	electronics
1975	ROTOR AXIAL POSITION TNC-16 WITH SENSOR	2	metal	steel
1976	INTELLISYS CONTROLLER SSRM22-150KW	1	metal	steel
1977	SIEMENS SIMATIC S5-110 TIMER MODULE T TY	1	plastic	plastic
1978	PROGRAM CONTROL TYPE .SSF 32.	1	metal	steel
1979	PUSH BUTTON TYPE 080B2V+080B02V.2N.C CON	1	plastic	plastic
1980	PUSH BUTTON TYPE 080A10V-N.C CONTACT.WIT	1	plastic	plastic
1981	FLOW CONTROLLER TYPE SCHERZO CI00003A1-C	1	plastic	plastic
1982	ADI CONVERTOR FOR CASING EXPANSION SENSO	1	metal	steel
1983	POWER SUPPLY MODULE SV/PS6ES59307AA31	3	metal	steel
1984	SIEMENS SIMATIC S5-110 TIMER MODULE T TY	5	metal	steel
1985	MODULE A/O OUTPUT 6ES54107AA11	7	metal	steel
1986	E/I INPUT MODULE 6ES5 4007AA13	11	metal	steel
1987	EPROM SUB MODULE 6ES5910-0AA31	2	electronics	BOX1
1988	CPU MODULE 6ES5 9007AD11	2	metal	steel
1989	AUX. RELAY 24VDC TYPE BIPOK 14PIN	31	plastic	plastic
1990	AUX. RELAY 24VDC TYPE POK 8PIN	34	plastic	plastic
1991	PH TRANSMITTER MODEL NO. PH402G-E-2-E/U	1	metal	steel
1992	MOISTURE INDICATOR AND SWITCH HYGROLOG W	1	metal	steel
1993	AUXILIARY CONTACTOR COIL 240VAC ITH=16A	1	electronics	BOX1
1994	DP INDICATORS 24V DC 0-20 mA PF 358M11/0	1	metal	steel
1995	ISOLATION SW D-207 (ISOMETER)	1	metal	steel
1996	UG-ISOLATION SW. TYPE UG-140P (ISOMETER)	1	metal	steel
1997	ALARM PANEL POWER SUPPLY 120 VAC TYPE 90	1	metal	steel

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1998	TIME RELAY 230VAC(OFF DELAY) 0.15-1000SE	2	plastic	plastic
1999	RECTIFIER	1	metal	steel
2000	QUICK RESPONSE CONTROLLER NQRC01	1	electronics	electronics
2001	AIR PURGE TYPE S108	2	tool	tool
2002	INDICATING AMETER (0-100)% (4-20MA) FOR	2	metal	steel
2003	ELECTRONIC UNIT FOR FLOW TRANS. 15205.2.	1	metal	steel
2004	DIFF. PRES. SENSOR FOR FLOW TRANS. TYPE	1	electronics	electronics
2005	ELECTRONIC UNIT FOR PRESSURE TRANSMITTER	4	metal	steel
2006	MEASURING MECHANISM FOR PRESSURE TRANSMI	4	metal	steel
2007	TRANSFORMER INPUT 117VAC / OUTPUT 2.5VAC	1	metal	steel
2008	AUX. RELAY 120VAC TYPE KHU-17A12-120 (K1	1	electronics	BOX1
2009	FILTER CARTRIDGE TYPE H	2	metal	steel
2010	HEATER 5000 OHM 7.5WATT (R8)	1	electronics	BOX1
2011	AUX. RELAY 120VAC TYPE KHS17A11 (K2) 14	1	electronics	BOX1
2012	CIRCUIT BOARD ASSEMBLY	1	electronics	BOX1
2013	SOLID TRANSFORMER (P2.15.100)	1	metal	steel
2014	LAMP HOLDER MICRO SWITCH WITH LAMP 28V R	2	electronics	BOX1
2015	LAMP HOLDER MICRO SWITCH WITH LAMP 28V Y	2	electronics	BOX1
2016	PUSH BUTTON WITH ILLUMINATION	2	electronics	BOX1
2017	PUSH BUTTON WITH AMBER COVER	2	electronics	BOX1
2018	PUSH BUTTONS WITH LED ILLUMINATION RED/G	4	electronics	BOX1
2019	PLASTIC COVER WHITE 38X81MM	25	electronics	BOX1
2020	PLASTIC COVER RED 38X81MM	24	electronics	BOX1
2021	MALE CABLE ELCO CONNECTOR (38 PIN) WITH	4	metal	steel
2022	FEMALE CHASSIS ELCO CONNECTOR (38 PIN)	14	metal	steel
2023	MALE CHASSIS (38)CONNECTOR FOR ELCO CONN	4	electronics	BOX4
2024	PRESS. TRANSDUCER FOR COMPRESSOR	1	metal	steel
2025	PRESS. TRANSDUCER FOR COMPRESSOR	1	metal	steel
2026	PRESS. TRANSDUCER FOR COMPRESSOR GA160	1	metal	steel
2027	TIMER PROGRAMMER FOR H2 PLANT	2	plastic	plastic
2028	SOLENOID VALVE FOR COMPRESSOR ZR75	1	metal	steel
2029	TEMP. SENSORE FOR COMPRESSOR	1	metal	steel
2030	RONAN ALARM MODULE RDSH-1002	11	metal	steel
2031	INPUT INTERFACE II	1	metal	steel
2032	FREQUENCY LOAD CONTROLLER B/O	1	metal	steel
2033	FREQUENCY VOLTAGE CONVERTOR F	1	metal	steel
2034	MEMORIE ME	1	metal	steel
2035	SERVO POSITIONER C CARD	1	metal	steel
2036	FUNCTION GENERATOR GF	2	metal	steel
2037	STATIC SET POINT GENERATOR CS	1	metal	steel
2038	ISOLATED V/I CONVERTOR A1S	2	metal	steel
2039	UNIVERSAL AMPLIFIER AU CARD	2	metal	steel
2040	LOGIC TO BE PROGRAMMED LO	2	metal	steel
2041	THRESHOLD CARD RELAY TYPE RS	1	plastic	plastic
2042	RELAY CARD TYPE RE	2	plastic	plastic
2043	POWER SUPPLY PE 3242/00 24V.D.C 13A	3	metal	steel
2044	TIME CARD RELAY TYPE SRZ10	2	metal	steel
2045	HEAVY DUTY CARD RELAY TYPE SRT10	2	metal	steel
2046	LIGHT DUTY CARD RELAY TYPE SRB10	1	metal	steel
2047	CONVERTOR V/I TYPE RXW11	3	electronics	BOX5
2048	CONVERTOR I/V TYPE RXE11	2	electronics	BOX6
2049	ISOLATING MODULE TYPE RWT10	3	metal	steel
2050	PROPORTIONAL AMPLIFIER TYPE RPV10	2	metal	steel
2051	ANALOG TRACKING TYPE RNA10	4	metal	steel

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2052	MOTORIZED DESIRED VALVE SETTER TYPE RMS1	1	metal	steel
2053	MULTIPLIER TYPE RMA10	3	metal	steel
2054	RATIO SETTER TYPE RKS10	4	metal	steel
2055	FUNCTION GENERATOR TYPE RFG10	3	metal	steel
2056	INTERGATING AMPLIFIER TYPE RIV10	4	metal	steel
2057	DIFF. AMPLIFIER TYPE RDV10	2	metal	steel
2058	SUMMING AMPLIFIER TYPE RAV10	3	metal	steel
2059	MIN/MAX SELECTION WITH DISPLAY TYPE RAA2	3	metal	steel
2060	CASING EXPANSION SENSOR TS/LVDT25	2	metal	steel
2061	FAULT POWER SUPPLY ALARM 149815 ST	1	metal	steel
2062	T1 - F ELABORATOR MODULE	1	metal	steel
2063	T1 - ELABORATOR MODULE TYPE A	1	metal	steel
2064	TERMINATION UNIT COMPUTER TYPE NTCU01	2	electronics	electronics
2065	TERMINATION UNIT RTD TYPE NTAI04.	2	electronics	electronics
2066	AUXILIARY RELAY 120VAC TYPE KHU11A12 8 P	5	electronics	BOX4
2067	ELECTRICAL LINE FILTER 16AMP 250V 50/60H	2	electronics	electronics
2068	SOLENOID V/V 220AC DRAIN CONN 1/4" + TIM	1	metal	steel
2069	CABINET FAN	2	metal	steel
2070	MODULE MOUNTING UNIT IEMMU22	2	metal	steel
2071	MPS111 COOLING FAN 24V DC	4	plastic	plastic
2072	ANALOG INPUT TERMINATION UNIT NTAI06	6	metal	steel
2073	POWER SUPPLY CHASSIS PHARPSCH100000	1	metal	steel
2074	SCS1 CONVERTER	1	metal	steel
2075	REDUNDANCY CABLE IMMFP01	1	metal	steel
2076	TERMINATION CABLE (MMU TO TU) NKAS01-12	1	metal	steel
2077	EHC POWER SUPPLY TYPE PHARPS03000000	1	metal	steel
2078	SCSI CABLE PGP SYSTEM	1	metal	steel
2079	TERMINAL BLOCK & FUSE HOLDER DIFFERENT S	1	metal	steel
2080	NETWORK UTP CABLE (3M)	1	metal	steel
2081	DELL NETWORK SWITCH(0-NET) RS20	1	metal	steel
2082	MEMBRANE KEYBOARD AND AQUA MOUSE FOR PGP	2	metal	steel
2083	TERMINATION CENTRAL LOOP UNIT NTCL01	1	metal	steel
2084	INTEL NETWORK (PCI) LAN CARD	1	metal	steel
2085	REBON CABLE NKEB02 (1.5" IN LENGTH)	1	metal	steel
2086	NKHS03 TERMINATION CABLE IMHSS03 TO NTHS	7	metal	steel
2087	HYDRULIC SERVO MODULE TERMINATION UNIT N	4	metal	steel
2088	EXTERNAL RELAY PANEL TERMINATION 16DPDT	2	metal	steel
2089	DIGITAL INTERFACE TERMINATION UNIT NTDI0	4	metal	steel
2090	TERMINATION LOOP CABLE NKTU01-10	2	metal	steel
2091	BRIDGE CONTROLLER REDUNDANCY CABLE-0.2M	2	metal	steel
2092	NETWORK PROCESSING MODULE INNPM12	3	metal	steel
2093	SOLENOID V/V 220VAC 2WAY CON.1/2" MEDIA	2	metal	steel
2094	ABB/BAILEY ANALOG CONTROL STATION IISAC0	1	electronics	electronics
2095	SOLENOID V/V 110VAC 2INPUT LP=7,HP=35KG	1	metal	steel
2096	REVERSIBLE MOTOR WITH GEAR HEAD TYPE:RM	2	electronics	electronics
2097	O-RING I.D 0005.4XTHK.1.76MM	100	plastic	plastic
2098	O-RING I.D 0010XTHK.2MM	100	RUBBER	RUBBER
2099	O-RING I.D 0031.5XTHK.2.6MM	100	RUBBER	RUBBER
2100	O-RING I.D 0004.4XTHK.1.8MM PARKER F-13	50	electronics	BOX5
2101	O-RING I.D 0002.8XTHK.1.8MM F-03 2X4	50	electronics	BOX5
2102	O-RING I.D 0006XTHK.2MM PARKER F-02 6X2	59	electronics	BOX5
2103	CONTROLLER MODULE IMCOM03	5	electronics	electronics
2104	STOPER NUT FOR PICK-UP ASS07B	8	electronics	BOX5
2105	PICK-UP ASS07B	4	electronics	BOX5

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

Item No.	Description	Quantity	Material	Material
2106	RANGE DIAPH. ASSY.			
2107	AUX. RELAY 24VDC TYPE MM2XP 8PIN OMRON	8	RUBBER	RUBBER
2108	SPARE PARTS KIT FOR SOLENIOD V/V 2401103	2	electronics	electronics
2109	LAMP BASE 28V 1W	17	metal	steel
2110	DIGITAL DISPLAY 2DIGIT FOR WASH STEPS TI	17	electronics	BOX5
2111	INDICATION LAMP UNIT (RED+GREEN)	4	electronics	electronics
2112	PUSH BUTTOM WITH COIL & LAMP 240V 5A	17	electronics	electronics
2113	PUSH BUTTOM 240V 5A DPST	3	plastic	plastic
2114	COMBINATION SQUARE LIGTHS 30V 1W	3	plastic	plastic
2115	AUX. RELAY 110VAC 14PIN OMRON	3	electronics	BOX5
2116	POWER SUPPLY 120-240VAC OUTPUT 12VDC/2.5	5	electronics	electronics
2117	MOTION DETECTOR FOR AH SPEED SYS PN.AMD-	2	electronics	electronics
2118	ROTARY RELAY REVOLUTION TRANSDUCER 12VDC	4	plastic	plastic
2119	TOGGLE SWITCH 240VAC 3A 2POSITION	1	plastic	plastic
2120	REACTION CHAMBER COVER P/N 62054RI	2	electronics	BOX5
2121	SOLENIOD V/V. 2WAY 100VA CSVC201-4S	2	metal	steel
2122	SPACER O-RING 8	10	plastic	plastic
2123	BELLOWS FOR REGANT PUMP ASSY.	200	plastic	plastic
2124	DIAPHRAGMS O.D20MM FOR REGANT PUMP ASSY.	4	metal	steel
2125	SURGE ABSORBER	8	electronics	BOX3
2126	PISTON	30	electronics	BOX2
2127	PACKING RUBBER 12X17X2.7MM V-SHAPE	2	electronics	BOX3
2128	PACKING RUBBER 8X20X2.5MM NBR LIP	100	electronics	BOX3
2129	SPOOL	500	plastic	plastic
2130	HAND OPERATING DEVICE ASS.(INCLUDING REP	2	electronics	BOX3
2131	CONN. CABLE BETWEEN MONITOR AND ANALYZER	1	metal	steel
2132	A.T.C SENSOR HR105	2	metal	steel
2133	REFERENCE CL ELECTRODE HS-30SDS	2	metal	plastic
2134	JACK BOLT 12X230MM	1	metal	steel
2135	FLANGE AND BOLT PVC 10X1.5X35	1	metal	steel
2136	SPECIAL TOOL (NUT) FOR SOLENIOD VALVE	1	metal	steel
2137	(ZERO/SPAN) TRANSMETTER UNIT	1	metal	steel
2138	PRESSURE GAUGE 0-2KG/CM2 DIAL 40MM CON.1	1	metal	steel
2139	BOURDON TUBE FOR KFK812-1422 (0-35KG/CM2	2	metal	steel
2140	GASKET O.D50X5MM (UPPER FLANGE)	1	metal	steel
2141	TORQUE TUBE HOLDER PLATE ASSY.	10	RUBBER	RUBBER
2142	KNIFE EDGE ASSY.	1	metal	steel
2143	TORQUE ARM ASSY.	1	metal	steel
2144	TORQUE TUBE ASSY.	1	metal	steel
2145	GASKET FOR BATCH SWITCH (1 PACK=10 PCS)	2	metal	steel
2146	BATCH SWITCH ASSY.	10	RUBBER	RUBBER
2147	DEVIATION LINK FOR CONTROLLER UNIT	1	metal	steel
2148	CONTROLLER UNIT (PROP. BAND)	2	metal	steel
2149	AIR FILTER ODO08XID5XH5MM 1PACK=10PCS(TR	2	metal	steel
2150	RESTRICTION SLEEVE ASSY.	20	plastic	plastic
2151	DEVIATION GENERATING MECHANISM	10	metal	steel
2152	SCREW RETAINING RING (1PACK=10PCS)	2	metal	steel
2153	RECEIVER UNIT (BELLOWS)	20	plastic	plastic
2154	GASKET FOR MANUAL LOADER (1 PACK=10 PCS)	1	metal	steel
2155	MANUAL PRESSURE REGULATOR	10	RUBBER	RUBBER
2156	MANUAL LOADER SWITCH	1	metal	steel
2157	TANK GASKET (I PACK= 10 PCS)	1	metal	steel
2158	TANK	20	metal	steel
2159	TANK ASSY	2	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

Item No.	Description	Quantity	Material	Material
2160	GASKET FOR PILOT RELAY	16	RUBBER	RUBBER
2161	PILOT RELAY ASSY.	4	metal	steel
2162	NOZZLE TUBING	3	metal	steel
2163	OVER TRAVEL LINK	3	metal	steel
2164	FLAPPER	3	metal	stanless steel
2165	NOZZLE BASE ASSY.	2	metal	steel
2166	EXTENSION SPRING WIRE DIA.0.85XO.D6.6XL2	2	metal	steel
2167	EXTENSION SPRING WIRE DIA.0.85XO.D6.6XL2	2	metal	steel
2168	O-RING I.D 0014XTHK.1.8MM	20	RUBBER	RUBBER
2169	TRANSMITTER UNIT (BILLOWS)	2	metal	steel
2170	LOCAL PRESSURE CONTROLLER 3-70KGF/CM2	3	metal	steel
2171	LOCAL DIFF. PRESSURE CONTROLLER 50-600MM	2	metal	steel
2172	INDICATION LAMP 24V. 40A L=14MM	50	electronics	electronics
2173	INDICATOR HOLDER LAMP	3	plastic	plastic
2174	HOLDER LAMP FOR OPERATOR INDECATOR	5	plastic	plastic
2175	REPAIR KIT FOR 3570C	1	plastic	plastic
2176	TIRE VALVE ADAPTOR ASSY. FOR 3570C	10	metal	steel
2177	PIPE TEE FOR 3570C	10	metal	steel
2178	PIPE NIPPLE FOR 3570C	10	metal	steel
2179	CYLINDER TUBING ASSY. FOR POSITIONER 357	6	metal	steel
2180	PILOT RELAY ASSY. HORIZONTAL FOR POSITIO	5	metal	steel
2181	VALVE ASSY. FOR POSITIONER 3570C	10	plastic	plastic
2182	BILLOWS ASSY. FOR POSITIONER 3570C	5	metal	steel
2183	FLAPER FOR POSITIONER 3570C	10	metal	steel
2184	REPAIR KIT 3583 FOR POSITIONER 3582 PILO	9	plastic	plastic
2185	PILOT RELAY ASSY. FOR POSITIONER 3582	9	metal	steel
2186	O-RING I.D 0002.7XTHK.1MM	35	plastic	plastic
2187	SOLENOID V/V 214VDC GTCW-90-X-43-A01 40%	2	metal	steel
2188	PRESSURE GAUGE 0-60PSI DIAL 40MM CON.1/8	9	metal	steel
2189	PRESSURE GAUGE 0-30PSI DIAL 40MM CON.1/8	20	metal	steel
2190	SETTING ADJ. GEAR FOR FISHER 3582	30	plastic	plastic
2191	FLAPPER SUB-ASSE. FOR FISHER 3582	10	metal	steel
2192	NOZZLE FOR FISHER 3582	15	metal	steel
2193	O-RING I.D 0007.5XTHK.1.7MM	50	RUBBER	RUBBER
2194	O-RING I.D 0003XTHK.1.7MM	20	plastic	plastic
2195	O-RING I.D 0019XTHK.1.7MM	49	RUBBER	RUBBER
2196	CONICAL SPRING DIA.2.0XO.D12-14.2XL22.7M	5	metal	steel
2197	CONICAL SPRING DIA.1.6XO.D12-14.2XL22.7M	10	metal	steel
2198	BELLOWS ASSY. 0.4-2.0 KG/CM2 FISHER	5	metal	steel
2199	BELLOWS ASSY. 0.2-1.0 KG/CM2 FISHER	10	metal	steel
2200	FISHER MULTI-TROL RECIVER/CONT. (0.4-2.0	1	plastic	plastic
2201	FEED BACK ELECTRONIC POSITION TRANSMITTE	3	plastic	plastic
2202	FISHER PNEUMATIC POSITIONER - ROTARY INP	1	plastic	plastic
2203	FISHER PENUMATIC POSITIONER 3570CR	2	plastic	plastic
2204	FISHER PENUMATIC POSITIONER 3570C 3570C	3	plastic	plastic
2205	PRINTER RIBBON FOR OLD TRUCK SCALE	2	metal	steel
2206	ANALOG BOARD ASSYMBLY	1	metal	steel
2207	LAMP INPUT CARD 620572R2	1	metal	steel
2208	CHLORIDE ION ANALYZER PUMP EX-C60PH-100S	2	metal	steel
2209	PRESSURE REGULATOR 0-2KG CON.1/4"	2	metal	steel
2210	PRESSURE REDUC.VALVE LSP	3	metal	steel
2211	AUTO CLEAN FILTER FOR L.O 1/2" PORT	1	metal	steel
2212	O-RING I.D 0077XTHK. 3MM (BOTTOM O-RING)	1	RUBBER	RUBBER
2213	POPPET 12.5CM	1	metal	stanless steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

2214	PRES. HEAD GASKET 5"	1	RUBBER	RUBBER
2215	PRES. HEAD STUFF BELLOWS DWG 777-3A	5	metal	steel
2216	COMPRESSION SPRING WIRE DIA.5.7XO.D33XL8	1	metal	steel
2217	TOP COV.STUFF BOX BELLOWS	1	metal	steel
2218	LOWER SEAT RING	1	metal	stanless steel
2219	UPPER SEAT RING	1	metal	stanless steel
2220	AUX. RELAY UNIT TYPE 61F-11	3	plastic	plastic
2221	TIME RELAY 100VAC 0-12SEC TYPE STP-N 8PI	5	plastic	plastic
2222	T/C L=400MM TYPE: E	2	metal	steel
2223	TIME RELAY 100VAC (OFF DELAY) 50SEC RTA-	3	plastic	plastic
2224	GASKET ANST 150LB 150A QP808260-2 FOR BA	3	RUBBER	RUBBER
2225	GASKET ANST 150LB 150A QP808260-1 FOR BA	1	RUBBER	RUBBER
2226	FILTER FOR GAS ANALYZER (OD35XH100)MM 5.	5	plastic	plastic
2227	FILTER FOR GAS SAMPLING (OD32XID25XLG4)M	5	plastic	plastic
2228	PRESSURE REGULATOR FOR GAS CYL.INPUT=0-2	4	metal	steel
2229	PRESSURE REGULATOR FOR GAS CYL.INPUT=0-2	2	metal	steel
2230	BACK UP BATTERY FOR SIMATIC 55-110 A,PRO	1	electronics	BOX5
2231	O-RING I.D 0057XTHK.1.8MM FOR ISOLATING	5	electronics	BOX5
2232	METAL PLATE 49X101.5X0.25MM	24	metal	steel
2233	O2 HEATER ONLY	3	metal	steel
2234	GALSS TUBE FOR SAMPLE FLOW METER RANGE 8	2	Glass	Glass
2235	GALSS TUBE FOR SAMPLE FLOW METER RANGE 5	1	Glass	Glass
2236	COMPLETE SAMPLE FLOW METER 80-800 CC/MIN	2	metal	steel
2237	COMPLETE SAMPLE FLOW METER 50-500 CC/MIN	2	metal	steel
2238	SPARE GLASS FOR A-102 DIA.=24MM	3	Glass	Glass
2239	SPARE GLASS FOR A-102 DIA.=13MM	9	Glass	Glass
2240	SPARE TUBE FOR 0-106-AC RANGE 14-70	2	metal	plastic
2241	SPARE TUBE FOR 0-106-AC RANGE 0-50 M3/h	5	metal	plastic
2242	SPARE TUBE FOR 0-106-AC RANGE 16-80 M3/h	3	metal	Glass
2243	FLOW INDICATOR WITH FLANGE 0-70M3/H MODE	2	electronics	electronics
2244	O-RING I.D 0034.5XTHK.1.7MM IL385-27	2	electronics	BOX5
2245	SEAL IL385-24	2	electronics	BOX5
2246	GASKET GORK 050X76X0.8MM (IL385-20) SPL	2	electronics	BOX5
2247	O-RING I.D 0012.3XTHK.1.7MM IL385-19	2	electronics	BOX5
2248	O-RING I.D 0042.5XTHK.2.6MM IL385-17	2	electronics	BOX5
2249	GASKET GORK 047X76X0.8MM (IL385-15)	2	electronics	BOX5
2250	O-RING I.D 0007.5XTHK.1.8MM IL385-10	4	electronics	BOX5
2251	O-RING I.D 0018.5XTHK.1.7MM IL385-9	2	electronics	BOX5
2252	O-RING I.D 0020XTHK.1.8MM IL385-7	2	electronics	BOX5
2253	SOLENOID V/V 110VAC 3 WAY CON.3/4 ROSS	2	metal	steel
2254	GROMMET FOR 1/2 HOLE 3/8 CORD	10	electronics	BOX5
2255	INSULATOR BOOTS TYPE 26	2	plastic	plastic
2256	CONNECTION CORD .250-.370 DIA 1/2	2	electronics	BOX5
2257	CLAMP CABLE NP BRS 1/4	2	metal	steel
2258	BUSHING ROD GALV 1 1/2 X 1/2	2	metal	steel
2259	ADJUSTABLE SCREW 6X90MM FOR SILICA PUMP	4	metal	steel
2260	CIRCUIT BREAKER 2POLE 250V 2.5A TYPE UPL	2	electronics	electronics
2261	CIRCUIT BREAKER 2POLE 250V 5A TYPE UPL 1	2	electronics	electronics
2262	CIRCUIT BREAKER 2POLE 150V 1A TYPE 1M-2	2	electronics	electronics
2263	TRANSFORMER (BELLNIX) BSE-T004 240/110 V	1	metal	steel
2264	IGNITOR FLAME DETECTOR CABLE (200M LENGT	199	metal	steel
2265	POWER SUPPLY UNIT GXN0500S 5V 5A 110VAC	1	electronics	electronics
2266	POWER SUPPLY UNIT GXN241R2 24V 1.2A	1	electronics	electronics
2267	POWER SUPPLY UNIT GXN247R5 24V 7.5A 110V	1	electronics	electronics

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

2268	ISOLATOR (OUTPUT)1H1927K1-2 IS0018-70875	1	electronics	electronics
2269	ISOLATOR (INPUT)1H1927K1-1IS0011-7087529	1	electronics	electronics
2270	TIMER 200/220/240 VAC (OMRON)	5	plastic	plastic
2271	AUX. RELAY 110VAC TYPE MYA-LA2 11PIN OMR	4	plastic	plastic
2272	TIME RELAY 120VAC 0.5SEC-100H TYPE H3BF-	4	plastic	plastic
2273	AUX. RELAY 120VAC TYPE MY4H 14PIN OMRON	8	plastic	plastic
2274	AUX. RELAY 220VAC 7A TYPE MK3P5-I 11PIN	9	plastic	plastic
2275	AUXILIARY RELAY 240VAC TYPE LY2 8PIN OMR	22	plastic	plastic
2276	AUXILIARY RELAY 240VAC TYPE LY4 14PIN OM	13	plastic	plastic
2277	TIME DELAY RELAY 240VAC 30SEC TYPE MY2V	12	plastic	plastic
2278	PUMP STROKE CONTROLLER RANGE 0-100%IN=4-	1	electronics	electronics
2279	AMMONIA CONDUCTIVITY CELL MODEL CI1031-N	2	electronics	electronics
2280	AMMONIA CONCENTRATION SWITCH RANGE 0-200	1	electronics	electronics
2281	TOOL SET INST. PLASTIC SCREW DRIVER	1	tool	tool
2282	IND. LAMP 28V 40MA (COMB.MONITOR STATUS	5	metal	steel
2283	REGULATOR FOR GAS CYL.INPUT=0-250 OUTPUT	1	metal	steel
2284	SOLENOID V/V 2WAY 115VAC CON.1/4" X8320A	1	metal	steel
2285	BUZZER FOR COMB. MONITOR	2	metal	steel
2286	DOOR LOCK FOR ANALYZER	1	metal	steel
2287	CALIBRATION POTENTIOMETER &SELECTOR SWIT	1	electronics	electronics
2288	ANALOG METER (0-100)PH SCALE	1	electronics	electronics
2289	SNAP RING 0-25"	1	metal	steel
2290	SIDE SUPPORT	3	metal	steel
2291	SOL. OF PRINT HEAD	4	electronics	electronics
2292	GASKET RUBBER 029X38.8X1.7MM SQUARE	10	plastic	plastic
2293	ORIFICE	6	metal	steel
2294	ORIFICE	6	metal	steel
2295	FLOW GATE	5	metal	steel
2296	PACKING GRAPHITE 9.3X14.3X6.8MM CLOSED	8	plastic	plastic
2297	GASKET GRAPHITE 018.5X26.7X1.0MM SQUARE	10	plastic	plastic
2298	SENSOR FOR COMBUSTIBLE ANALYZERS	2	metal	steel
2299	TIME RELAY 24VAC/DC FUNCTION A-H-D-E TYP	1	plastic	plastic
2300	SWITCHING POWER SUPPLY24V-5A MOD.S106(OP	1	metal	steel
2301	RECTIFIER TYPE:SKD 30/08 A1	1	metal	steel
2302	DIGITAL TEMPERATURE INDICATOR WITH SWITC	1	metal	steel
2303	TIMER TYPE:ES7 F09 (UP TO DATE MODEL48X4	1	metal	steel
2304	FLOW METER 503B RANGE 0-25NM3/H	1	metal	steel
2305	FLOW METER 0-10 L/H ROTA YOKOGAWA FOR H2	1	metal	steel
2306	REDUCER COPPER 2-1/2"	2	metal	copper
2307	PLUG 1/2" 316 NPT	30	metal	stanless steel
2308	DIAPHRAGM,O RING,PISTON ASS. FOR PRES. S	1	metal	steel
2309	PISTON INSERT TOOL -CTRL DRIVE AC0608 FO	1	metal	stanless steel
2310	HIGH SPAN CELL AND CO2 CELL FOR M100-SO2	1	metal	steel
2311	CHART FOR (0-200) SMALL SIZE	18	paper	paper
2312	COMPLETE AIR FILTER MODEL AF400 PZ 3/4	1	metal	steel
2313	ANALOG MULTIMETER MODEL 3009	1	tool	tool
2314	PRINT WHEEL FOR THE RECORDER	1	plastic	plastic
2315	INK PAD FOR THE RECORDER 125156	4	plastic	plastic
2316	PRINTACT RELAY (INPUT) TYPE 036293 2 PIN	1	electronics	electronics
2317	AUX. RELAY 24VDC TYPE RN301024 11PIN SCH	10	plastic	plastic
2318	WEAR AND TEAR KIT 13A1YAG	1	metal	steel
2319	WEAR AND TEAR KIT T.9K.3N	1	metal	steel
2320	WEAR AND TEAR KIT	1	metal	steel
2321	VALVE-DAVY DAMAGE-BORE	1	RUBBER	RUBBER

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع.

2322	SERVICE REPAIR KIT FOR SPEEDOMAX 165/250	1	plastic	plastic
2323	REMOTE MANUAL STATION PCV 3421 PUSH BUTT	1	metal	steel
2324	REMOTE MANUAL STATION TCV 142 PUSH BUTTO	1	metal	steel
2325	POWER SUPPLY ACDC INPUT 115 OUTPUT 5VDC	1	metal	steel
2326	COIL FOR SOLENOID VALVE 220V TYPE 0800	4	metal	steel
2327	TERMINAL STRIP JUNCTION BOX P.N 009-648-	1	plastic	plastic
2328	VIBRATION DAMPER	2	metal	steel
2329	FEED BACK TRANSMITTER (SULZER)	3	metal	steel
2330	DOUBLE RTD L=300MM TAG 9TE-1828/29/32CH	3	metal	steel
2331	LEVEL SW. IND. TAG LSL/LSHH 1815A	1	metal	steel
2332	LIP SEAL	2	plastic	plastic
2333	SUPPORT RING BK.4112 MATERIAL :TEFLON	1	metal	steel
2334	SEAL FOR SHAFT (REPAIR KIT)	1	plastic	plastic
2335	SEAL KIT FOR PISTON KF1/D	1	plastic	plastic
2336	TIME RELAY 240VAC/DC 0.1-1 T=30" TYPE OK	1	plastic	plastic
2337	MONITOR 14"TYPE TV AC 100V 50/60 HZ 38VA	1	electronics	electronics
2338	CONN. CABLE FOR BAKUP TRANSDUCER L3A 231	4	plastic	plastic
2339	PRINTACT RELAY (INPUT) TYPE 036293 2 PIN	6	electronics	electronics
2340	CORDS TAG NO. 146002	10	plastic	plastic
2341	PRINT MECHANISM TAG NO. 351S30	1	metal	steel
2342	SELECTOR CONTACT TAG NO. 029729	2	electronics	plastic
2343	CONTACT COPPER LEVER TAG NO. 029491	3	metal	copper
2344	BALLAST TAG NO. 105006 8W 17AMP	2	plastic	plastic
2345	SHAFT ASSEMBLIES TAG NO. 059987	5	metal	steel
2346	NUMBERED BELTS 3PT TAG NO. 137115	10	plastic	plastic
2347	PRINT BELT DOTS ONLY TAG NO. 137113	20	plastic	plastic
2348	CHART 0-100 LIN L=18CM	40	plastic	plastic
2349	ANALOG MULTIMETER	5	tool	tool
2350	SUPPORT RINGS TYPE BK-4112	2	metal	steel
2351	DOUBLE RTD FOR TURB 1ST GUIDE BRG WITH S	1	tool	tool
2352	GLASS PRECISION THERMOMETER 100/+150CC 1	1	tool	tool
2353	GLASS PRECISION THERMOMETER 150/+200CC 1	1	tool	tool
2354	GLASS PRECISION THERMOMETER 0/+50CC 1/10	1	tool	tool
2355	GLASS PRECISION THERMOMETER 50/+100CC- 1	1	tool	tool
2356	GLASS PRECISION THERMOMETER 250/+360CC 1	1	tool	tool
2357	GLASS PRECISION THERMOMETER 200/+250CC-D	1	tool	tool
2358	CARRING WOOD CASE FOR THERMOMETER	1	tool	tool
2359	DIFF. MANOMETER(U) TUBE	1	tool	tool
2360	SET OF FEELER GAUGE	1	tool	tool
2361	LED IND. LAMP 125VAC 0.5W ORANGE	10	Glass	Glass
2362	LED IND. LAMP 125VAC 0.5W RED (E-1012F-0	10	Glass	Glass
2363	LOCAL INDICATOR METER 0-150X1000KG/HR FO	1	metal	steel
2364	LOCAL INDICATOR METER 0-16KG/CM2 FOR KA	1	metal	steel
2365	FISHER PNEUMATIC POSITIONER-ROTARY INPUT	1	plastic	plastic
2366	BINDING POST FEMALE CONNECTOR	2	metal	steel
2367	THERMISTER	1	metal	steel
2368	BUSHING	2	metal	steel
2369	MACH. SCREW 32X1/2 3.3X9.5MM PLASTIC	10	plastic	plastic
2370	GASKET RUBBER 005X20X1.5MM	2	RUBBER	RUBBER
2371	CELL	2	metal	steel
2372	FLOW RATE SWITCH	5	metal	steel
2373	INDICATOR PAH (0-100)mbar	1	metal	steel
2374	PLUG OF TRANSMITTER SCHOPPE	2	metal	steel
2375	PRESSURE REGULATOR TYPE 67F RT 0-4BAR CO	1	metal	steel

ملحق رقم (8): المستزمات والمعدات والقطع المتعلقة بالوحدات المشمولة في البيع

2376	POWER SUPPLY ALARM CABLE FOR INFI-90 SYS	5	metal	steel
2377	COOLING HOSE 5M FOR FURNACE FLAME CAMERA	1	RUBBER	RUBBER
2378	PROPORTIONAL SOLENOID V/V FOR E.H.T OR P	1	metal	steel
2379	BUS INTERFACE MODULE NBIM02	5	electronics	electronics
2380	RECHARGABLE LITHIUM BATTERY 3VDC CR1/3N	10	electronics	electronics
2381	BATTERY (5 YEARS LIFE)MELCO 3.6VDC 10MA	4	electronics	electronics
2382	BATTERY 4.8 VOLTS 170M AH(VARTA) V170R	14	electronics	electronics
2383	FLAME INTENSITY METER 0-1 VDC TYPE EN-SW	7	plastic	plastic
2384	BAILEY PNEUMATIC POSITIONER FOR FDF AIR	3	plastic	plastic
2385	AUXILIARY CONTACTOR COIL 200VAC ITH 16A	6	metal	copper
2386	ANALOG INDICATOR(1-5VDC) RANGE 0-100% DO	2	electronics	electronics
2387	UNIT LOAD MW DIGITAL INDICATOR METER	1	electronics	electronics
2388	H/L SINGLE ALARM MONITOR FOR BFP VIBRATI	1	electronics	electronics
2389	CONNECTOR FOR UNIT MASTER	10	plastic	plastic
2390	CONNECTOR FOR BOILER OPERATION PANEL	10	plastic	plastic
2391	POWER SUPPLY UNIT 24VD 14A FUEL S.VISOR	2	electronics	electronics
2392	REGULATED POWER SUPPLY 0-150VDC	2	electronics	electronics
2393	CONNECTOR FOR O2 ANALYZER J99938-1	10	plastic	plastic
2394	POWER SUPPLY 5VDC 3A	2	electronics	electronics
2395	TOGGLE SWITCH 250VAC 10A	4	electronics	electronics
2396	C.B 65VDC 1A (NFB J9995325-4111) FOR N90	5	electronics	electronics
2397	BASE LAMP (COVER SWITCH STOPPER) J999358	10	plastic	plastic
2398	BASE LAMP STOPPER J9993584A1	10	plastic	plastic
2399	SOCKET LAMP 2C LICE,2T,LCH,24A	10	plastic	plastic
2400	SOCKET LAMP 2C.L3AA-2T-LCA-24B OMRON	10	plastic	plastic
2401	SOCKET LAMP J9993586A2 OMRON	9	plastic	plastic
2402	LAMP BEZEL J99943580A0	10	electronics	electronics
2403	LAMP BARRIER (END) J9993572A-120	10	electronics	electronics
2404	LAMP BARRIER (CENTER) J9993579-2A110	10	electronics	electronics
2405	PRECISION MANUAL SETTER-NS4-527-O-S	2	electronics	electronics
2406	POWER SUPPLY AVR 160VA 240/100	1	metal	steel
2407	INDICATOR CONTROLLER NS4524-O-S	1	electronics	electronics
2408	POWER SUPPLY 24VDC 7A OMRON	1	electronics	electronics
2409	TERMINAL PIN 1945423-2	50	metal	copper
2410	CONNECTOR GROMET 1943703-1	5	plastic	plastic
2411	DC POWER SUPPLY UNIT INPUT 105VAC OUTPUT	1	electronics	electronics
2412	ISOLATOR - NTW 183-O-X	1	electronics	electronics
2413	DIGITAL LINEALIZER - M34830	1	electronics	electronics
2414	SQUARE ROOT EXTRACTOR-NTX500-05-X IN/OUT	1	electronics	electronics
2415	I/O BOARD NO. 8345 FOR LOCAL TEMP. MONIT	1	electronics	electronics
2416	KEY BOARD FOR LOCAL TEMP. MONITOR	1	electronics	electronics
2417	ANALOG BOARD NO. 8420 FOR LOCAL TEMP. MO	1	electronics	electronics
2418	POWER SUPPLY 24VDC 5A FUEL S.VISOR PANEL	1	electronics	electronics
2419	SIGNAL CONVERTER FOR H.F.O METER OVAL	1	metal	steel
2420	FLOW HOUSING PVC	2	plastic	plastic
2421	CONDUCTIVITY CELL RANGE 0-100%	2	electronics	electronics
2422	CONDUCTIVITY CELL RANGE 0-20%	4	electronics	electronics
2423	MAIN CIRCUIT BOARD	2	electronics	electronics
2424	FLOW THROUGH ADAPTER KIT (PVC)	1	electronics	electronics
2425	ANALOG METER 0-10% OXYGEN PERSENT	1	electronics	electronics
2426	ALARM CIRCUIT CARD ASSEMBLY	2	electronics	electronics
2427	CURRENT OUTPUT CARD	2	electronics	electronics
2428	RIBBON CABLE 25 PIN L=150MM	1	metal	copper
2429	SENSOR VIBRATION FOR B.F.P 2126	2	electronics	electronics