

ESKOM GENERATION**2024**

Supply and Delivery of Bolts and
Nuts for a period of 60 Months at
Camden Power Station - Bills of
Quantities

CONTRACT NUMBER :**CONTRACTOR :****CONTRACT AMOUNT :**
(Excluding VAT)**CONTRACT AMOUNT :**
(Incl'd VAT)

**Supply and Delivery of Bolts and Nuts for a period of 60 Months at Camden Power Station -
Bills of Quantities**

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Supply and Delivery of Bolts and Nuts for a period of 60 Months at Camden Power Station - Bills of Quantities

NOTES TO TENDERERS

NOTES TO TENDERERS

1. BILLS OF QUANTITIES

This document comprises Notes to Tenderers and Bills of Quantities and is hereafter referred to as "the Bills of Quantities".

The Tenderers are to note that this is a Contract with a Bills of Quantities.

2.1 CONTRACT DOCUMENTS

The contract documents will consist of:

2.1.1 The NEC3 Engineering and Construction Contract 2013 together with all amendments.

2.1.2 These Bills of Quantities, including all annexures and supplementary documentation referred to therein.

2.1.3 Documents to be provided by the Contractor in terms of the requirements of these Bills of Quantities.

2.1.4 Construction Regulations 2014

2.1.5 Occupational Health and Safety Act of 1993

3 DRAWINGS

There are no drawings for this contract.

4 VALUE ADDED TAX

Tenderers should compute their rates from the net costs (excluding Value Added Tax). Value Added Tax at the current rate of 15% is to be added to the net sub-total on the final summary page by means of a single sum calculation to establish the tender price.

5 SCOPE OF WORK

As a guide only, the work comprises as follows:-

Provision of Bolts and nuts for 60 months at Camden Power Station.

6 ADDRESS WHERE DOCUMENTS CAN BE OBTAINED

Tender documents will be made available Electronically on an online portal to be provided by Eskom

7 POSSESSION OF SITE

The date of which possession of the Site shall be given to the Contractor shall be within 7 **working days** of the acceptance of this tender.

8 CONSTRUCTION PERIOD - DATES FOR PRACTICAL COMPLETION

The intended date for practical completion and penalty for each calendar day for non-completion shall be:

Practical Completion: 60 Month from the date of Site Handover

Tenderers are to note that the Contract will be delivered as a whole and NOT to be phased.

9 COMMON LAW OR BY-LAW REQUIREMENTS

No liability for not specifically mentioning any normal contractual, Common Law or By-Law requirements will be accepted by the Employer, or Contracts Manager.

10 ORDERING OF MATERIALS

No claims will be entertained due to non-availability of materials or labour. The Tenderer is therefore required to investigate and ensure that the specific materials and components required for the works will be available at the relevant estimated construction times, at the time of tendering.

11 CONTRACT PRICE ADJUSTMENT

The Contract Sum shall be subject to CPAP.

12. PRICED BILLS OF QUANTITIES:

Tenderers must submit to the Contracts Manager a copy of the Bills of Quantities fully priced and extended, with his tender. After the Bills have been checked, and when called upon, each page of the Bills of Quantities shall be initialed and the Index page and the Final Summary page signed in full by the Tenderer.

13. PAYMENT OF PRELIMINARIES:

Tenderers are to note that the Payment of Preliminaries & Generals shall be on the NEC3 Contract [Prorated to the Value of Work Executed]

14. ADJUSTMENT OF PRELIMINARIES:

Tenderers are to note that the Adjustment of Preliminaries & Generals shall be on NEC3 Contract [Fixed - 10%, Value - 15% and Time - 75%]

15 DIFFERENCE AND DISCREPANCIES:

Should there be any difference or discrepancy between the prices or particulars contained in the official Tender Form and those contained in any covering letter from the Tenderer, the prices contained in the official Tender Form shall prevail.

Every Tenderer shall be deemed to have waived, renounced and abandoned any conditions printed or written upon any stationery used by him for the purpose of or in connection with the submission of his Tender, which are in conflict with the Conditions of Tender or Special and General Conditions of Contract.

Tenderers are warned that any material divergence from the official conditions or specifications may render their Tenders liable to disqualification.

The Tenderers are to note that if there are any arithmetical errors in the Tenderers' form of tender in calculation of the Tender Sum, the Contracts Manager will correct the calculation accordingly.

16 COMMUNICATION WITH MEMBERS OF THE CLIENT COMPANY OR PROFESSIONAL TEAM

A Tenderer shall not in any way communicate with a member of the Client Company or Professional Team or with any officer on a question affecting any contract or the supply of goods or for any work, undertaking or service which is the subject of a Tender during the period between the closing date for receipt of Tenders and the dispatch of the written notification of the Employer's decision on the award of the contract; provided that a Tenderer shall not hereby be precluded from obtaining from the Employer or his authorised representative information as to the date upon which the award of the contract is likely to be made or, after the decision upon the award has been made by the Contracts Manager to which the Employer had delegated its powers, information as to the nature of the decision or such information as was publicly disclosed at the opening of Tenders.

17 IMPORT PERMITS:

Tenderers must apply direct for any import permit and/or currency required, however the Contracts Manager will furnish successful Tenderers with a supporting statement if required.

18 BILLS OF QUANTITIES:

No alteration, erasure, omission or addition is to be made to the text and conditions of these Bills of Quantities and should any such alteration, amendment, note or addition be made, the same will not be recognised, but the reading of the Bills of Quantities as prepared by the Contracts Manager will be adhered to.

It should be understood that the system of measurement herein adopted is the only system of measurement which will be recognised in connection with this contract. Before the signing of the contract, the Contracts Manager will be entitled to call for adjustments of individual rates and rectify discrepancies, as he considers necessary without alterations to the Tender amount.

6 Ensure that every employee or person (including visitors) who enters the site of the Works undergoes health and safety induction training pertaining to hazards identified on the site of the Works and upon such training having been successfully completed, the Contractor must issue written confirmation by a competent person to the trained employees or persons who shall be further instructed to carry such confirmation with them at all times whilst on the site of the Works;

7 Issue, on loan, the necessary personal protective equipment to visitors to the site of the Works; and

8 Be in good standing with the Compensation Commissioner at all times during the duration of the Contract.

9 The Contractor is to sign a Non-Disclosure Agreement prior to collecting or receiving any proprietary information from Eskom, drawings, documentation, reports and photographs

The Contractor will be deemed to have satisfied himself with his obligations in terms of the Act and to have allowed for all costs arising from compliance with the Act as no claim for extra costs arising from compliance with, and obligations in terms of the Act will be entertained.

19 CONTRACTORS TO VISIT SITE PRIOR TO SUBMISSION OF TENDER

The contractors are urged to visit the site that has been identified to get an overview of the nature of works and the location of the building prior to pricing this document.

20 PRICING OF THESE GENERAL NOTES

The Contractor must allow in his pricing for any additional costs arising from these "General Notes" as no later claims for additional costs will be considered.

21 TAX COMPLIANCE

Failure to provide mandatory information required in this Bid will result in the submissions being deemed null and void and shall be considered non-responsive. An Electronic Tax Compliance Status (TCS) System will be used to verify the bidder's tax compliance status so bidders must request a unique security personal identification number (PIN) from SARS which must be submitted with the bid

No alternative tender offers will be considered.

These Bills are not to be used for the purpose of ordering materials.

All Bill rates are to include for material, labour, plant, wastage, transport and profit.

Supply and Delivery of Bolts and Nuts for a period of 60 Months at Camden Power Station - Bills of Quantities

BILL NO 1	Schedule Description	Unit	Amount
	PRELIMINARIES AND GENERAL		
	ESTABLISHMENT OF FACILITIES ON SITE		
1	FIXED CHARGES		
1.1	Contractual requirement (Contractor to supply Breakdown)	sum	R
1.2	Establishment of facilities on site		
1.2.1	Transportation to site	sum	R
1.2.2	Offices for engineer & staff and signs	sum	R
1.2.3	Quality	sum	R
1.2.4	SAPS Vetting and /or Finger Print Check	sum	R
1.41	Other fixed-charge obligations: security.	sum	R
1.5	Contractor's obligations in respect of the Occupational Health and Safety Act		
1.5.1	Health and Safety Requirements	sum	R
1.3.2	PPE	sum	R
1.3.3	Medicals and Induction	sum	R
1.3.4	De- establishment	sum	R
	TOTAL COST FIXED CHARGES (A)	R	
2	TIME RELATED CHARGES		
	FACILITIES FOR CONTRACTOR		
2.1	Operate & maintain facilities for the duration of the contract	sum	R
2.2	Offices for engineer & staff	sum	R
2.3	Facilities for the Contractor for the duration of construction		
2.5	Offices & storage sheds	sum	R
2.6	Workshops	sum	R
2.7	Ablution & latrine facilities	sum	R
2.8	Accommodation	sum	R
2.9	Transport	sum	R
2.1	Plant	sum	R
2.11	Other time-related obligations: security and other	sum	R
	TOTAL COST TIME RELATED ITEMS (B)	R	
TOTAL COST A+B TRANSFERRED TO FINAL SUMMARY PAGE		R	

**CAMDEN POWER STATION
THE SUPPLY OF BOLTS and NUTS**

Supply and Delivery of Bolts and Nuts for a period of 60 Months at Camden Power Station - Bills of Quantities

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL NO. 2: BOLTS AND NUTS BILLS OF QUANTITIES</u>				
	<u>PREAMBLES</u>				
	For Preambles refer to SANS Documents which is obtainable on request for the full descriptions of materials and work to be done in this Bill.				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	<u>Rate approvals:</u>				
	The tenderer is advised that any rate that is required for work must include the following breakdown:				
	Material, labour, plant, wastage, transport and profit.				
	<u>PRICING OF THIS BILLS OF QUANTITIES</u>				
	Any items left unpriced will be understood to be provided free of charge and no claim for any extras arising out of the Tenderers omission to price any item will be entertained.				
	<u>TECHNICAL DOCUMENT</u>				
	The Contractor is referred to entire Technical Document for the details of the Scope. The Contractor is to study the details of this document prior to pricing this Bills of Quantities				
1	BOLT, MACHINE: DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931; TYPE: ANCHOR; SUPPL P/N: M16; DOUBLE HEAT TREATED; COARSE THREAD; MEDIUM FIT; EFP BALANCE LINE ROUND FLANGE; LAC; APOOL	EA	5000	R	R
2	WASHER, FLAT: NOMINAL SIZE: M12; INSIDE DIAMETER: 6 MM; OUTER SIZE: 12 MM; THICKNESS: 0.8 MM; MATERIAL: BRS; OBA NOMINAL SIZE	EA	5	R	R
3	BOLT, ANCHOR: TYPE: RAWL; DIAMETER: M10; MATERIAL: STL; LENGTH: 65 MM; REFERENCE NO: E17; 9/10FIX; LOOSE BOLT; 10 MM MAX FIXING THICKNESS; 0 MM MIN FIXING THCKNESS; 65 MM MIN DEPTH OF HOLE; RECOMENDED DRILL SIZE 16 MM	EA	700	R	R
4	WASHER, FLAT: NOMINAL SIZE: M16; INSIDE DIAMETER: 17 MM; OUTER SIZE: 28 MM; THICKNESS: 5 MM; MATERIAL: FIBER; REFERENCE NO: 7TBSG01018, UNK; 7TBSG01037, UNK	EA	1000	R	R
5	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	1200	R	R
6	WASHER, THRUST: INSIDE DIAMETER: 60 MM; OUTSIDE DIAMETER: 82 MM; THICKNESS: 35 MM; MATERIAL: GRAPHITE/X20CR30; DRAWING NO: 18.1611.0500 REV 1; FOR SAFETY VALVE; DESIGN GROUP 16120/18-02VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R

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7	NUT: TYPE: GLAND; DIAPHR FLUID COUPLING	EA	5	R	R
8	NUT: TYPE: GLAND; DIAPHR FL CPL SIZE11	EA	5	R	R
9	NUT: TYPE: GLAND; DIAPHR FL CPL SIZE 1	EA	5	R	R
10	NUT: TYPE: GLAND; DIAPHR FL CPL 17-75F	EA	5	R	R
11	NUT, CAP: DIAMETER: M47; THREAD: METRIC; HEIGHT: 87 MM; MATERIAL: STL; GRADE: 4.8; TYPE: DOME INNER BRACK 13.36/100; HEAD: HEXVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
12	NUT, LOCK: TYPE: GRINDING ROLL SHAFT	EA	5	R	R
13	BOLT: TYPE: LOPULCO MILLS DOOR	EA	100	R	R
14	NUT, COUPLING: DIAMETER: 280 MM; THREAD: 2.5 MM; HEIGHT: 105 MM; MATERIAL: STL; APPLICATION: SLEEVE MILL GEARBOX ITEM 9	EA	5	R	R
15	BOLT, MACHINE: DIAMETER: 7/8 IN; LENGTH: 5 IN; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: 9BSW; TYPE: ASH CRUSHER; MANUF P/N: 45074EAA1039EAEA; APPLICATION: TO JOIN SEGMENTS TO DRUM; ITEM 36; SPARGO BIN NO 416026; NYLOCK NUT PER BOLT; SQUARE WASHER MUST BE WELDED ON THE BOLT; ARNOT SOLE SOURCE APPROVED: WEIR MINERALS VENDOR NO: 11007742 AND WILL EXPIRE ON: 2019/02/20	EA	900	R	R
16	NUT: TYPE: SHAFT; ID FAN HYDRAULIC COUPLING	EA	5	R	R
17	RETAINER: TYPE: THRUST WASHER; SUPPL P/N: V500; CO	EA	5	R	R
18	WASHER: TYPE: CONICAL; NOMINAL SIZE: M25; INSIDE DIAMETER: 27 MM; OUTSIDE DIAMETER: 44 MM; THICKNESS: 2 MM; MATERIAL: STL; GRADE: HT; SPECIFICATION: ISO 9001; OEM P/N: 44.76, OEM: SULZER PUMPS SA; MODEL NO: HPTPOM 40-25-6STG, UNK; REFERENCE NO: 015-505-511-300, UNK; FOR BEARING ARRANGEMENT ON STEAM FEED PUMP	EA	5	R	R
19	BOLT, ASSEMBLY: TYPE: SPECIAL; CPLG 50% BLR FEED PUMP	EA	5	R	R
20	NIPPLE: TYPE: NUT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
21	WASHER: TYPE: STEM GUIDE; SUPPL P/N: 301167-0118	EA	50	R	R
22	NUT, TUBE FITTING: DIAMETER: 1-1/4 IN; MATERIAL: STL	EA	5	R	R
23	NUT, HEX: DIAMETER: 1/2 IN; MATERIAL: BRS; SIMPLEX B125-32	EA	5	R	R
24	BOLT, BANJO: BOLT DIAMETER: 3/8 IN; JOINTVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
25	WASHER, FLAT: NOMINAL SIZE: M8; INSIDE DIAMETER: 8 MM; OUTER SIZE: 17 MM; THICKNESS: 0.5 MM; MATERIAL: STL; PERIPHERAL SHAPE STYLE: RD; REFERENCE NO: 536 GR.09, UNK; SUCTION	EA	500	R	R
26	WASHER, FLAT: NOMINAL SIZE: M10; INSIDE DIAMETER: 11 MM; OUTER SIZE: 14.5 MM; THICKNESS: 0.8 MM; MATERIAL: CU; DRAWING NO: GK903519 REV 1; REFERENCE NO: U1305AB, UNK; RETAINER 2000; VALVE BLOCK; ON G/GEAR LUBE OIL	EA	5	R	R
27	DIE, THREADING: CONFIGURATION: NUT; THREAD: 1-1/8-BSF; MATERIAL: CS	EA	5	R	R
28	BOLT, MACHINE: DIAMETER: 3/4 IN; LENGTH: 2 IN; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: BSF; COLOR: SILVER; TYPE: ANCHOR	EA	5	R	R

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29	BOLT, MACHINE: DIAMETER: 3/16 IN; LENGTH: 1-1/2 IN; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: BSW; COLOR: BLACK; SPECIFICATION: SABS 61; TYPE: ANCHOR; 28/32 TON TENSILE	EA	5	R	R
30	BOLT, MACHINE: DIAMETER: 1/2 IN; LENGTH: 1 IN; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: BSF; COLOR: SILVER; TYPE: ANCHOR	EA	5	R	R
31	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 1-3/4 IN; HEAD: HEX; MATERIAL: STL; THREAD: BSF	EA	5	R	R
32	BOLT, MACHINE: DIAMETER: 7/8 IN; LENGTH: 2-1/2 IN; HEAD: HEX; MATERIAL: HTS; THREAD: BSF	EA	5	R	R
33	BOLT, MACHINE: DIAMETER: 3/8 IN; LENGTH: 1-1/2 IN; HEAD: SQ; THREAD: BSW	EA	5	R	R
34	BOLT, MACHINE: DIAMETER: M30; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS	EA	3500	R	R
35	BOLT, MACHINE: DIAMETER: 1-1/4 IN; LENGTH: 1-1/4 IN; HEAD: HEX; MATERIAL: SS; THREAD: BSF	EA	100	R	R
36	BOLT, MACHINE: DIAMETER: 1-1/8 IN; LENGTH: 3-1/2 IN; HEAD: HEX; MATERIAL: STL; THREAD: BSF	EA	5	R	R
37	BOLT, MACHINE: DIAMETER: 3/16 IN; LENGTH: 1-1/4 IN; HEAD: HEX; MATERIAL: STL; THREAD: BSF	EA	5	R	R
38	BOLT, MACHINE: DIAMETER: 1/2 IN; LENGTH: 1 IN; HEAD: HEX; MATERIAL: SS; THREAD: BSW	EA	5	R	R
39	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT, ISOMETRIC; SPECIFICATION: SABS135	KG	2500	R	R
40	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; SPECIFICATION: SABS 135	KG	2800	R	R
41	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	2000	R	R
42	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 90 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	2000	R	R
43	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; SPECIFICATION: SABS 135	KG	1200	R	R
44	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 30 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1000	R	R

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45	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; PROTECTIVE COATING: BLACK; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135: 1985	KG	300	R	R
46	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD LENGTH: 35 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	100	R	R
47	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 140 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	100	R	R
48	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 45 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	250	R	R
49	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 33 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1300	R	R
50	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	3200	R	R
51	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 22 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1500	R	R
52	BOLT, MACHINE: DIAMETER: M6; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: SABS 136; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	5	R	R
53	BOLT, MACHINE: DIAMETER: M6; LENGTH: 70 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	500	R	R
54	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 50 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	1800	R	R
55	BOLT, ASSEMBLY: NOMINAL DIAMETER: M8; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	100	R	R
56	BOLT, MACHINE: DIAMETER: M10; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; TYPE: HEX	EA	5	R	R
57	BOLT, MACHINE: DIAMETER: M10; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931	EA	300	R	R

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58	BOLT, MACHINE: DIAMETER: M10; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; THREAD LENGTH: 30 MM; SPECIFICATION: SABS 136; PROTECTIVE COATING: BLACK	EA	200	R	R
59	BOLT, MACHINE: DIAMETER: M12; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED , METRIC COARSE THREAD, MEDIUM FIT	EA	1800	R	R
60	BOLT, MACHINE: DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; THREAD LENGTH: 30 MM; SPECIFICATION: DIN 931; PROTECTIVE COATING: BLACK; TYPE: DIAPHRAGM SUSPENSION; OEM P/N: 3940-056, MANUFACTURER: GE STEAM POWER SERVICE; WITHOUT NUT; FOR HP/IP/LP TURBINE VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3000	R	R
61	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 65 MM; THREAD: 2 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931; WITH NUTS	EA	25000	R	R
62	BOLT, ASSEMBLY: TYPE: HTS; NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 50 MM; THREAD: 2 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	12000	R	R
63	BOLT, MACHINE: DIAMETER: M16; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; THREAD LENGTH: 45 MM; SPECIFICATION: SABS 136; PROTECTIVE COATING: BLACK; TYPE: HTS	EA	600	R	R
64	BOLT, MACHINE: DIAMETER: M20; LENGTH: 70 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS	EA	5500	R	R
65	BOLT, MACHINE: DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; COARSE THREAD, MEDIUM FIT, DOUBLE HEAT TREATED	EA	3200	R	R
66	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 50 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS; NUT GRADE: 8.8; SPECIFICATION: SABS 136	EA	15000	R	R
67	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 57 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS; NUT GRADE: 8.8; DOUBLE HEAT TREATED, METRIC COARSE THREAD MEDIUM FIT; SPECIFICATION: SABS 136	EA	10000	R	R
68	BOLT, ASSEMBLY: NOMINAL DIAMETER: M24; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; NUT QUANTITY: 1; COARSE THREAD , MEDIUM FIT; SPECIFICATION: DIN 931	EA	2500	R	R
69	BOLT, MACHINE: DIAMETER: M24; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; THREAD LENGTH: 60 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	7000	R	R
70	BOLT, MACHINE: DIAMETER: 5/16 IN; LENGTH: 2-1/2 IN; HEAD: HEX; MATERIAL: BRS; THREAD: BSW	EA	5	R	R
71	BOLT, MACHINE: DIAMETER: M10; LENGTH: 25 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; THREAD LENGTH: 23 MM; SPECIFICATION: DIN 931; PROTECTIVE COATING: BLACK; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	1200	R	R

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72	BOLT, MACHINE: DIAMETER: M12; LENGTH: 30 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; METRIC COARSE THREAD, MEDIUM FIT	EA	5	R	R
73	BOLT, MACHINE: DIAMETER: M12; LENGTH: 125 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	5	R	R
74	BOLT, ASSEMBLY: NOMINAL DIAMETER: 16 MM; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; NUT MATERIAL: HTS; 55/65 TON TENSILE STRENGTH	EA	1800	R	R
75	BOLT, MACHINE: DIAMETER: M20; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	1000	R	R
76	BOLT, MACHINE: DIAMETER: M20; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	6000	R	R
77	BOLT, MACHINE: DIAMETER: M20; LENGTH: 125 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	2000	R	R
78	BOLT, ASSEMBLY: TYPE: CONNECTING ROD; NOMINAL DIAMETER: 22 MM; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 57 MM; THREAD: BSF; NUT QUANTITY: 1; NUT MATERIAL: HTS	EA	5	R	R
79	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M22; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 63 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS; NUT GRADE: 8.8; SPECIFICATION: SABS 136	EA	5	R	R
80	BOLT, MACHINE: DIAMETER: M22; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 0.5 MM; COLOR: BLACK; TYPE: GENERAL PURPOSE	EA	300	R	R
81	BOLT, ASSEMBLY: NOMINAL DIAMETER: 22 MM; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; NUT MATERIAL: HTS	EA	600	R	R
82	BOLT, ASSEMBLY: NOMINAL DIAMETER: 24 MM; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; NUT MATERIAL: HTS	EA	6000	R	R
83	BOLT, MACHINE: DIAMETER: M27; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS	EA	5	R	R
84	BOLT, MACHINE: DIAMETER: M6; LENGTH: 25 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	350	R	R
85	BOLT, MACHINE: DIAMETER: M16; LENGTH: 120 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; SPECIFICATION: DIN 931	EA	5	R	R
86	BOLT, MACHINE: DIAMETER: M24; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; SPECIFICATION: DIN 931; 65/75 TON	EA	2300	R	R
87	BOLT, MACHINE: DIAMETER: M12; LENGTH: 35 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: 1.75 MM; SPECIFICATION: DIN 933; TYPE: FRONT BEARING ASSEMBLY; OEM P/N: 4210-053, OEM: GE STEAM POWER SERVICE; 5160-239, OEM: GE STEAM POWER SERVICE; 5360-239, OEM: GE STEAM POWER SERVICE; 5660-098, OEM: GE STEAM POWER SERVICE	EA	400	R	R
88	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; NUT QUANTITY: 1	EA	7000	R	R

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89	BOLT, MACHINE: DIAMETER: M8; LENGTH: 70 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; SPECIFICATION: DIN 931; TYPE: GENERAL PURPOSE	EA	300	R	R
90	BOLT, ASSEMBLY: TYPE: SHOULDER; NOMINAL DIAMETER: 1/2 IN; LENGTH: 3 IN; HEAD: TEE; THREAD: BSW; HEXAGON NUTS	EA	5	R	R
91	BOLT: TYPE: SHOULDER; SUPPL P/N: 34432-402	EA	5	R	R
92	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 3-1/2 IN; HEAD: HEX; GRADE: 8.8; MATERIAL: MS BRIGHT; THREAD: BSF; TYPE: ANCHOR	EA	5	R	R
93	BOLT, MACHINE: DIAMETER: M12; LENGTH: 25 MM; HEAD: HEX; GRADE: 316; MATERIAL: SS; THREAD: 1.75 MM; THREAD LENGTH: 25 MM; MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT	EA	5	R	R
94	BOLT, MACHINE: DIAMETER: M12; LENGTH: 65 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1.75 MM; SPECIFICATION: SABS 136-1985 TABLE 11	EA	150	R	R
95	BOLT, MACHINE: DIAMETER: M16; LENGTH: 40 MM; HEAD: HEX; GRADE: 316; MATERIAL: SS; THREAD: 2 MM; THREAD LENGTH: 40 MM; MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT	EA	5	R	R
96	BOLT, ASSEMBLY: TYPE: NIB; NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: CSK KEYED; GRADE: 4.6; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 1143	KG	3000	R	R
97	BOLT, EYE: TYPE: COLLAR; DIAMETER: 1 IN; EYE INSIDE DIAMETER: 60 MM; LOAD RATING: 800 KG; SHANK LENGTH: 111 MM; THREAD LENGTH: 1-1/4 IN; THREAD: 10BSF; MATERIAL: STL DROP FORGED; GRADE: 8.8; SPECIFICATION: BS 4278; REQUIRED A MATERIAL TEST CERTIFICATE WITH EVERY DELIVERY; LENGTH: 1-5/8 IN	EA	5	R	R
98	BOLT, EYE: TYPE: COLLAR; DIAMETER: 7/8 IN; EYE INSIDE DIAMETER: 60 MM; LOAD RATING: 800 KG; SHANK LENGTH: 114 MM; THREAD LENGTH: 1-1/4 IN; THREAD: 12BSF; MATERIAL: STL DROP FORGED; GRADE: 8.8; SPECIFICATION: BS 4278; TESTED QUALITY, WITH SWL STAMPED ON, UNGALVANISED, SUPPLIER NOTE THE ITEM WILL NOT BE ACCEPTED WITHOUT A BATCH TEST CERTIFICATE; LENGTH: 1-5/8 IN	EA	5	R	R
99	BOLT, EYE: TYPE: COLLARED; DIAMETER: 1 IN; LOAD RATING: 2.75 T; THREAD: BSW; MATERIAL: HTS	EA	5	R	R
100	BOLT, EYE: TYPE: COLLARED; DIAMETER: 1-1/8 IN; LOAD RATING: 3.5 T; THREAD: BSW; MATERIAL: HTS	EA	5	R	R
101	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1	EA	15000	R	R
102	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; TYPE THREADED	EA	6	R	R
103	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 45 MM; HEAD: HEX; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; COARSE THREADED, FREE FIT, SPECIFICATION: SABS 135	KG	10000	R	R
104	BOLT, MACHINE: DIAMETER: M22; LENGTH: 75 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2.5 MM; SPECIFICATION: SABS 135; PROTECTIVE COATING: BLACK	KG	5	R	R

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105	BOLT, ASSEMBLY: NOMINAL DIAMETER: M22; LENGTH: 150 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; I.S.O.METRIC TO SABS135	KG	5	R	R
106	BOLT, MACHINE: DIAMETER: M24; LENGTH: 165 MM; HEAD: HEX; MATERIAL: MS; PROTECTIVE COATING: BLACK	KG	500	R	R
107	BOLT, ASSEMBLY: NOMINAL DIAMETER: M30; LENGTH: 130 MM; HEAD: HEX; MATERIAL: MS; THREAD: 3.5 MM; BOLT PROTECTIVE COATING: BLACK; NUTS; SPECIFICATION: SABS135	KG	600	R	R
108	BOLT, MACHINE: DIAMETER: M30; LENGTH: 165 MM; HEAD: HEX; MATERIAL: MS; THREAD: 3.5 MM; PROTECTIVE COATING: BLACK	KG	300	R	R
109	BOLT, MACHINE: DIAMETER: M39; LENGTH: 140 MM; HEAD: HEX; MATERIAL: STL; COLOR: BLACK	KG	5	R	R
110	BOLT, ASSEMBLY: NOMINAL DIAMETER: M36; LENGTH: 130 MM; HEAD: HEX; MATERIAL: MS; THREAD: 4 MM; BOLT PROTECTIVE COATING: BLACK; NUTS	KG	500	R	R
111	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	5	R	R
112	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1200	R	R
113	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1200	R	R
114	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	400	R	R
115	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	200	R	R
116	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 90 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	300	R	R
117	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 27 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	300	R	R

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118	BOLT, ASSEMBLY: NOMINAL DIAMETER: M10; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; WITH NUT; COARSE THREAD FREE FIT; SPECIFICATION: SABS135	KG	200	R	R
119	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 32 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	150	R	R
120	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	5	R	R
121	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT; SPECIFICATION: SABS 135	KG	100	R	R
122	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	2000	R	R
123	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 45 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135: 1985	KG	5000	R	R
124	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 33 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	2000	R	R
125	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 35 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	2000	R	R
126	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	5	R	R
127	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	5	R	R
128	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 140 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	5	R	R

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129	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS BLACK; THREAD LENGTH: 35 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135, COARSE THREAD FREE FIT	KG	200	R	R
130	BOLT, MACHINE: DIAMETER: M12; LENGTH: 165 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; PROTECTIVE COATING: BLACK	KG	5	R	R
131	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	500	R	R
132	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6 MM; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS135	KG	5	R	R
133	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 38 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	8000	R	R
134	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	3000	R	R
135	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	2000	R	R
136	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT; SPECIFICATION: SABS 135	KG	1000	R	R
137	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 45 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	600	R	R
138	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	550	R	R
139	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 47 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	100	R	R

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140	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 48 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	26000	R	R
141	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	8000	R	R
142	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 115 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 48 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	3000	R	R
143	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS1 35	KG	2000	R	R
144	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 140 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS135	KG	1200	R	R
145	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1000	R	R
146	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; NUT PROTECTIVE COATING: BLACK	KG	1000	R	R
147	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 75 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	1500	R	R
148	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 57 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT.; SPECIFICATION: SABS 135	KG	2000	R	R
149	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 60 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	2000	R	R

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150	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 65 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1000	R	R
151	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 23 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	100	R	R
152	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 20 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	100	R	R
153	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 20 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	5	R	R
154	BOLT, ASSEMBLY: NOMINAL DIAMETER: M6; LENGTH: 90 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; ISO METRIC COARSE THREAD FREE FIT, TO THE LATEST EDITION OF SABS135 AND BEARING THE SABS MARK OF APPROVAL; SPECIFICATION: SABS135: 1985	KG	100	R	R
155	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 22 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	5	R	R
156	BOLT, MACHINE: DIAMETER: 1/2 IN; LENGTH: 2-1/2 IN; HEAD: HEX; MATERIAL: SS; THREAD: BSW	EA	500	R	R
157	BOLT, MACHINE: DIAMETER: M16; LENGTH: 90 MM; HEAD: HEX; GRADE: 316; MATERIAL: SS; THREAD: 2 MM; THREAD LENGTH: 40 MM; SPECIFICATION: SABS 136; COARSE THREAD MEDIUM FIT, MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT	EA	600	R	R
158	BOLT, EYE: TYPE: COLLAR; DIAMETER: 1-1/4 IN; THREAD LENGTH: 2 IN; THREAD: 9BSF; MATERIAL: STL DROP FORGED; SPECIFICATION: BS 4278; UNGALVANISED WITH SWL STAMPED ON EYEBOLT TEST CERTIFICATE TO BE SUPPLIED WITH EVERY DELIVERY; LENGTH: 2-3/4 IN	EA	5	R	R
159	BOLT, MACHINE: DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; MATERIAL: BRS; THREAD: 1.75 MM; SPECIFICATION: SABS 136	EA	5	R	R
160	BOLT, CARRIAGE: DIAMETER: M16; LENGTH: 240 MM; THREAD: BSW; MATERIAL: MS; COACH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
161	BOLT: TYPE: TRUNNION ARM	EA	5	R	R
162	BOLT, MACHINE: DIAMETER: 1-1/2 IN; LENGTH: 11 IN; HEAD: HEX; MATERIAL: STL; THREAD: BSW	EA	5	R	R
163	BOLT, ASSEMBLY: NOMINAL DIAMETER: 1-1/2 IN; LENGTH: 9 IN; HEAD: HEX; MATERIAL: STL; THREAD: BSW; NUT MATERIAL: STL; PROTECTIVE COATING: BLACK; NUTS	EA	5	R	R

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164	BOLT, MACHINE: DIAMETER: 1-1/2 IN; LENGTH: 5 IN; HEAD: HEX; MATERIAL: STL; THREAD: BSF	EA	5	R	R
165	BOLT, MACHINE: DIAMETER: 1-1/2 IN; LENGTH: 4 IN; HEAD: HEX; GRADE: 10.9; MATERIAL: STL; THREAD: BSF; TYPE: ANCHOR	EA	5	R	R
166	BOLT, EYE: DIAMETER: 7/8 IN; ITEM 2 R326	EA	5	R	R
167	BOLT, ASSEMBLY: TYPE: LEVER STOP; NOMINAL DIAMETER: M57; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 254 MM; THREAD: 245 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT SHAPE: RECTANGLE; NUT DIMENSIONS: WD 125 X LG 210 X HT 78MM	EA	100	R	R
168	BOLT, MACHINE: DIAMETER: 1 IN; LENGTH: 14 IN; MATERIAL: STL; THREAD: BSW; MACHINED	EA	5	R	R
169	BOLT, ASSEMBLY: TYPE: SPHERICAL COLLAR; NOMINAL DIAMETER: M38; LENGTH: 178 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; SUPPL P/N: 33606A; APPLICATION: ID FAN COUPLING	EA	5	R	R
170	BOLT: TYPE: ID FAN COUPLING; DIAMETER: 31 MM; LENGTH: 130 MM; HEAD: ROUND; MATERIAL: SS; SUPPL P/N: 336110A	EA	5	R	R
171	BOLT, MACHINE: DIAMETER: 1/2 IN; LENGTH: 2-1/4 IN; MATERIAL: HTS; THREAD: BSW; FITTED END	EA	5	R	R
172	BOLT, MACHINE: DIAMETER: 2 IN; LENGTH: 6 IN; THREAD: BSF; THREAD LENGTH: 3-3/4 IN	EA	5	R	R
173	BOLT: TYPE: TIE; DIAMETER: 3-3/4 IN; LENGTH: 1.74 M; HEAD: HEADLESS; GRADE: HT; MATERIAL: STL; THREAD: BSW; THREAD LENGTH: 111 MM; SPECIFICATION: ISO 9001; PROTECTIVE COATING: NONE; FURNISHED ITEMS: NONE; OEM P/N: 11.14, OEM: SULZER; MODEL NO: HPT32-17.5/12STG, UNK; REFERENCE NO: 117-1-0626-50-01, UNK; FOR USE ON 50 PCT SULZER ELECTRIC FEED PUMP	EA	15	R	R
174	BOLT: MATERIAL: STL; BROOMWADE VC350 COMPRESSOR 1	EA	5	R	R
175	BOLT: MATERIAL: STL; BROOMWADE VC350 COMPRESSOR 2	EA	5	R	R
176	BOLT, MACHINE: DIAMETER: 2-1/4 IN; LENGTH: 8 IN; HEAD: HEX; MATERIAL: HTS EN9; THREAD: BSW	EA	150	R	R
177	BOLT, MACHINE: DIAMETER: 1-1/4 IN; LENGTH: 4 IN; HEAD: HEX; GRADE: 10.9; MATERIAL: STL; THREAD: BSW; TYPE: ANCHOR	EA	5	R	R
178	BOLT: TYPE: PUSH; D4X4 OCB	EA	5	R	R
179	BOLT: TYPE: TIE; DIAMETER: 3-3/4 IN; LENGTH: 1.84 M; HEAD: HEADLESS; GRADE: HT; MATERIAL: STL; THREAD: BSW; THREAD LENGTH: 1.29 M; SPECIFICATION: ISO 9001; PROTECTIVE COATING: NONE; FURNISHED ITEMS: NONE; OEM P/N: 11.1, OEM: SULZER; MODEL NO: HPT32-17.5/12STG, UNK; REFERENCE NO: 117-106-265-002, UNK; FOR USE ON 50 PCT SULZER ELECTRIC FEED PUMP	EA	5	R	R
180	BOLT: TYPE: TIE; MATERIAL: STL; MODEL NO: 8/10"PLUROVANE	EA	10	R	R
181	BOLT, ASSEMBLY: TYPE: CASE ASSY; NOMINAL DIAMETER: 22 MM; LENGTH: 115 MM; HEAD: HEX; GRADE: 10.9; MATERIAL: STL; THREAD LENGTH: 60 MM; THREAD: BSF; NUT QUANTITY: 1; NUT MATERIAL: STL; PROTECTIVE COATING: BLACK; NUTS	KG	250	R	R
182	BOLT, ASSEMBLY: NOMINAL DIAMETER: 16 MM; LENGTH: 40 MM; HEAD: HEX; MATERIAL: BRS; NUT QUANTITY: 1	EA	5	R	R
183	BOLT, MACHINE: DIAMETER: M6; LENGTH: 75 MM; HEAD: HEX; MATERIAL: BRS	EA	5	R	R

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184	BOLT, ASSEMBLY: NOMINAL DIAMETER: 8 MM; LENGTH: 40 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; NUT MATERIAL: HTS; 65/75 TON	EA	5	R	R
185	BOLT: DIAMETER: M12; LENGTH: 30 MM; MATERIAL: HTS; 65/75TON	EA	5	R	R
186	BOLT, ASSEMBLY: NOMINAL DIAMETER: 12 MM; LENGTH: 65 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; NUT MATERIAL: HTS; 65/75 TON TENSILE STRENGTH	EA	600	R	R
187	BOLT, ASSEMBLY: NOMINAL DIAMETER: 12 MM; LENGTH: 75 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; NUT MATERIAL: HTS; 65/75 TON	EA	2000	R	R
188	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: 12 MM; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 27 MM; THREAD: BSF; NUT QUANTITY: 1; NUT MATERIAL: HTS; 5/75TON	EA	5	R	R
189	BOLT: DIAMETER: M20; LENGTH: 50 MM; MATERIAL: HTS; 65/75TON	EA	5	R	R
190	BOLT, ASSEMBLY: NOMINAL DIAMETER: 22 MM; LENGTH: 115 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; NUT MATERIAL: HTS; 65/75 TON	EA	5	R	R
191	BOLT, ASSEMBLY: NOMINAL DIAMETER: 30 MM; LENGTH: 150 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; NUT MATERIAL: HTS; 65/75 TON	EA	5	R	R
192	BOLT, EYE: TYPE: COLLARED; DIAMETER: 1-3/8 IN; THREAD: BSW; MATERIAL: HTS	EA	5	R	R
193	BOLT, EYE: DIAMETER: 1-1/8 IN; THREAD: BSF; BSS29/1	EA	5	R	R
194	BOLT, MACHINE: DIAMETER: 1/2 IN; LENGTH: 4-1/2 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: BSF	EA	5	R	R
195	BOLT, MACHINE: DIAMETER: 3/4 IN; LENGTH: 2 IN; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: BSF; TYPE: GENERAL PURPOSE; FIN	EA	5	R	R
196	BOLT, MACHINE: DIAMETER: 7/8 IN; LENGTH: 3-1/2 IN; MATERIAL: MS; THREAD: BSF; MACHINED	EA	5	R	R
197	BOLT, CARRIAGE: DIAMETER: M12; C&W NUTSVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
198	BOLT: TYPE: TIE; DIAMETER: M18; LENGTH: 865 MM; HEAD: HEADLESS; GRADE: HT; MATERIAL: STL; THREAD: 9 TPI; THREAD LENGTH: 25 MM; SPECIFICATION: ISO 9001; PROTECTIVE COATING: NONE; FURNISHED ITEMS: NONE; OEM P/N: 11.1, OEM: SULZER; MODEL NO: HPTPOM 40-25-6STG, UNK; REFERENCE NO: 117- 206-220-414, UNK; TYPE SULZER STEAM FEED PUMP	EA	5	R	R
199	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 130 MM; NUT QUANTITY: 1	EA	600	R	R
200	BOLT, MACHINE: DIAMETER: M10; LENGTH: 70 MM; HEAD: HEX; MATERIAL: HTS; THREAD: 1.5 MM	EA	1000	R	R
201	BOLT, MACHINE: DIAMETER: M16; LENGTH: 100 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2 MM; SPECIFICATION: SABS 136; COARSE THREAD MEDIUM FIT, MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT	EA	1000	R	R
202	BOLT, ASSEMBLY: NOMINAL DIAMETER: M24; LENGTH: 260 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; NUT QUANTITY: 1; SPECIFICATION: SABS136	EA	200	R	R
203	BOLT, MACHINE: DIAMETER: M24; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS	EA	5000	R	R
204	BOLT, MACHINE: DIAMETER: M30; LENGTH: 150 MM; HEAD: HEX; MATERIAL: STL; COLOR: BLACK	KG	1000	R	R

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205	BOLT, MACHINE: DIAMETER: M12; LENGTH: 70 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	1200	R	R
206	STUD: TYPE: BOLT; DIAMETER: 3/4 IN; THREAD: BSF; LENGTH: 1-1/2 IN; MATERIAL: STL; THREAD LENGTH: 37.4 MM	EA	5	R	R
207	STUD: TYPE: BOLT; DIAMETER: 5/8 IN; THREAD: BSF; LENGTH: 2 IN; MATERIAL: STL; THREAD LENGTH: 20 MM	EA	15	R	R
208	WASHER, FLAT: NOMINAL SIZE: M6; INSIDE DIAMETER: 6 MM; OUTER SIZE: 14 MM; THICKNESS: 0.8 MM; MATERIAL: SS; GRADE: 316; REFERENCE NO: P16556B, UNK; GAS CONT	EA	300	R	R
209	NUT, ADAPTOR: DIAMETER: 140 MM; SLOTS: 4; LOCKING METHOD: LOCK WASHER; THREAD: 2 MM; MATERIAL: STL; SPECIFICATION: SABS 1985 TABLE 10; GRADE: 8.8; REFERENCE NO: KM28, UNK; FINE FIT, 30DEG ANGLE OF CHAMFER, 180MM OD OF NUT, APPROPRIATE LOCKING WASHER MB28, APPROPRIATE HOOK SPANNER HN28	EA	20	R	R
210	WASHER, FLAT: NOMINAL SIZE: M16; INSIDE DIAMETER: 18 MM; OUTER SIZE: 30 MM; THICKNESS: 3 MM; MATERIAL: STL GALV; GRADE: 300W; SPECIFICATION: SABS 4320-1968 TABLE 3/4 FORM E; REFERENCE NO: 10, UNK; FOR USE; HOT DIPPED; BOLT HOLE; MARKS AND REQUIREMENTS; - 1431; CORROSION - 763; STANDARD - 1149 .4. ESKOM SPEC:- N/A; TEST AND CERT.REQUIREMENTS:- TYPE AT MIN. FAILING LOAD; EACH ITEM TO BE TESTED AT 40PCT MIN.FAILING LOAD; IDENTIFICATION:- INDELIBLE MNFRS TRADEMARK; ON ALL ITEMS; UPDATED: (TTC) 22/10/1999; REFER	KG	2500	R	R
211	WASHER, FLAT: NOMINAL SIZE: 3/16 IN; OUTER SIZE: 7/16 IN; THICKNESS: 1/32 IN; MATERIAL: BRS; WASHER, FLAT; NOMINAL SIZE 3/16 IN, OUTER SIZE 7/16 IN, THICKNESS 1/32 IN, MATERIAL BRS~WASHER,FLAT;NOM 3/16 IN,OD 7/16 IN,BRS	EA	5	R	R
212	WASHER, FLAT: NOMINAL SIZE: M8; OUTER SIZE: 16.7 MM; THICKNESS: 1 MM; MATERIAL: BRS	EA	100	R	R
213	WASHER, FLAT: NOMINAL SIZE: M16; MATERIAL: BRS; 5/8 IN	EA	5	R	R
214	WASHER, FLAT: NOMINAL SIZE: 3/4 IN; MATERIAL: BRS	EA	5	R	R
215	WASHER, FLAT: NOMINAL SIZE: M10; OUTER SIZE: 19.05 MM; THICKNESS: 1.2 MM; MATERIAL: STL BRIGHT	EA	5000	R	R
216	WASHER, FLAT: NOMINAL SIZE: 7/16 IN; MATERIAL: STL; BRIGHT	EA	5	R	R
217	WASHER, FLAT: INSIDE DIAMETER: 13 MM; OUTER SIZE: 24 MM; THICKNESS: 1.5 MM; MATERIAL: STL BRIGHT	EA	5000	R	R
218	WASHER, FLAT: NOMINAL SIZE: M16; INSIDE DIAMETER: 18 MM; OUTER SIZE: 31 MM; THICKNESS: 2 MM; MATERIAL: STL BRIGHT; PERIPHERAL SHAPE STYLE: RD; GRADE: 4.6	EA	50000	R	R
219	WASHER, FLAT: NOMINAL SIZE: M20; INSIDE DIAMETER: 20.4 MM; OUTER SIZE: 39 MM; THICKNESS: 2.3 MM; MATERIAL: STL BRIGHT	EA	15000	R	R
220	WASHER, FLAT: NOMINAL SIZE: M27; OUTER SIZE: 47 MM; THICKNESS: 1.93 MM; MATERIAL: STL BRIGHT	EA	5	R	R

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221	WASHER, LOCK: INSIDE DIAMETER: 6.6 MM; OUTSIDE DIAMETER: 10.6 MM; THICKNESS: 2 MM; NOMINAL SIZE: M6; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT; SUPPL P/N: TCR03111064; WASHER, LOCK; TYPE HELICAL SPRING SPLIT, NOMINAL SIZE M6, INSIDE DIAMETER 6.6 MM, OUTSIDE DIAMETER 10.6 MM, THICKNESS 2 MM, MATERIAL STL, PART NUMBER: TCR03111064~WASHER,LOCK;ID 6.6 MM,OD 10.6 MM,STL	EA	2000	R	R
222	WASHER, LOCK: INSIDE DIAMETER: 12.4 MM; OUTSIDE DIAMETER: 17.9 MM; THICKNESS: 2.35 MM; NOMINAL SIZE: M12; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT; GRADE: 4.6	EA	5	R	R
223	WASHER, LOCK: INSIDE DIAMETER: 23 MM; OUTSIDE DIAMETER: 33.7 MM; THICKNESS: 4.8 MM; NOMINAL SIZE: M22; MATERIAL: STL; TYPE: SPLIT HELICAL RING; GRADE: 4.6	EA	100	R	R
224	WASHER, LOCK: INSIDE DIAMETER: 31.5 MM; OUTSIDE DIAMETER: 43.9 MM; THICKNESS: 5.8 MM; NOMINAL SIZE: M30; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT; GRADE: 4.6	EA	1000	R	R
225	WASHER, LOCK: INSIDE DIAMETER: 41 MM; OUTSIDE DIAMETER: 56 MM; THICKNESS: 8 MM; NOMINAL SIZE: 39 MM; MATERIAL: STL; TYPE: HELICAL SPRING; GRADE 4.6	EA	5	R	R
226	WASHER, FLAT: NOMINAL SIZE: 1BA; INSIDE DIAMETER: 5 MM; OUTER SIZE: 11.5 MM; THICKNESS: 0.56 MM; MATERIAL: BRS; REFERENCE NO: 1BA, UNK; ROUND SHAPE	EA	5	R	R
227	WASHER, FLAT: NOMINAL SIZE: 7BA; INSIDE DIAMETER: 2.5 MM; OUTER SIZE: 5.2 MM; THICKNESS: 0.58 MM; MATERIAL: BRS	EA	5	R	R
228	WASHER, FLAT: NOMINAL SIZE: 9BA; INSIDE DIAMETER: 1.8 MM; OUTER SIZE: 4.62 MM; THICKNESS: 0.52 MM; MATERIAL: BRS	EA	5	R	R
229	NUT, HEX: DIAMETER: 10BA; NUT HEIGHT: 1/16 IN; MATERIAL: BRS; SPECIFICATION: BS 57 TABLE 6	EA	5	R	R
230	NUT, HEX: DIAMETER: 9BA; NUT HEIGHT: 2.5 MM; MATERIAL: BRS; REFERENCE NO: 9BA, UNK	EA	5	R	R
231	NUT, HEX: DIAMETER: 8BA; NUT HEIGHT: 5/64 IN; MATERIAL: BRS; SPECIFICATION: BS 57 TABLE 6	EA	5	R	R
232	NUT, HEX: DIAMETER: M8; THREAD: 1.25 MM; NUT HEIGHT: 6.2 MM; MATERIAL: STL BRIGHT; GRADE: 8.8; SPECIFICATION: SABS 135-1985 TABLE 10	EA	2000	R	R
233	NUT, HEX: DIAMETER: 3/16 IN; THREAD: 24BSW; NUT HEIGHT: 5/32 IN; MATERIAL: STL; SPECIFICATION: BS 57 TABLE 10; (25TON/IN.2 TS)	EA	1000	R	R
234	NUT, HEX: DIAMETER: 3/8 IN; THREAD: 16BSW; NUT HEIGHT: 5/16 IN; MATERIAL: MS; SPECIFICATION: BS 1083 TABLE 5; FINISHED THREAD MEDIUM FIT, GRADE A	EA	5	R	R
235	NUT, HEX: DIAMETER: 1/2 IN; THREAD: 12BSW; NUT HEIGHT: 7/16 IN; MATERIAL: MS GR A; SPECIFICATION: BS 1083; FINISHED	EA	5000	R	R
236	NUT, HEX: DIAMETER: 5/8 IN; THREAD: 11BSW; NUT HEIGHT: 9/16 IN; MATERIAL: MS GR A; SPECIFICATION: BS 1083; FINISHED	EA	5	R	R
237	NUT, HEX: DIAMETER: 7/8 IN; THREAD: 9BSW; NUT HEIGHT: 27/32 IN; MATERIAL: MS; GRADE: 4.5; SPECIFICATION: BS 1083 TABLE 5; GRADE A; WASHER FACED AND CHAMFERED; MEDIUM FIT	EA	5	R	R
238	NUT, HEX: DIAMETER: 1 IN; THREAD: 8BSW; NUT HEIGHT: 7/8 IN; MATERIAL: MS GR A; SPECIFICATION: BS 1083 TABLE 5; WASHER FACED AND CHAMFERED	EA	5	R	R
239	NUT, HEX: DIAMETER: 5/16 IN; THREAD: 18BSW; NUT HEIGHT: 1/4 IN; MATERIAL: BRS	EA	5	R	R

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240	NUT, HEX: DIAMETER: 3/8 IN; THREAD: 16BSW; NUT HEIGHT: 5/16 IN; MATERIAL: BRS; GRADE: 8.8; SPECIFICATION: SABS 135-1985 TABLE 10	EA	5	R	R
241	NUT, HEX: DIAMETER: 1/2 IN; THREAD: 12BSW; NUT HEIGHT: 7/16 IN; MATERIAL: BRS	EA	5	R	R
242	NUT, HEX: DIAMETER: 5/8 IN; THREAD: 11BSW; NUT HEIGHT: 17/32 IN; MATERIAL: BRS	EA	5	R	R
243	NUT, HEX: DIAMETER: 3/8 IN; THREAD: 20BSF; NUT HEIGHT: 5/16 IN; MATERIAL: MS GR A; SPECIFICATION: BS 1083; WASHER FACED AND CHAMFERED	EA	5	R	R
244	NUT, HEX: DIAMETER: 1/2 IN; THREAD: 16BSF; NUT HEIGHT: 7/16 IN; MATERIAL: MS GR A; SPECIFICATION: BS 1083; WASHER FACED AND CHAMFERED	EA	300	R	R
245	NUT, HEX: DIAMETER: 5/8 IN; THREAD: 14BSF; NUT HEIGHT: 17/32 IN; MATERIAL: MS GR A; SPECIFICATION: BS 1083-1965 TABLE 5; WASHER FACED AND CHAMFERED, MEDIUM FIT	EA	2300	R	R
246	NUT, HEX: DIAMETER: 3/4 IN; THREAD: 12BSF; NUT HEIGHT: 11/16 IN; MATERIAL: MS GR A; SPECIFICATION: BS 1083; WASHER FACED AND CHAMFERED	EA	5000	R	R
247	NUT, HEX: DIAMETER: 7/8 IN; NUT HEIGHT: 3/32 IN; MATERIAL: BRS; SPECIFICATION: BS 57 TABLE 6	EA	5	R	R
248	NUT, HEX: DIAMETER: 1/4 IN; THREAD: 20BSW; NUT HEIGHT: 5 MM; MATERIAL: MS BLACK	KG	5	R	R
249	NUT, HEX: DIAMETER: 3/8 IN; THREAD: 16BSW; NUT HEIGHT: 5/16 IN; MATERIAL: MS BLACK	KG	5	R	R
250	NUT, HEX: DIAMETER: 7/16 IN; THREAD: 14BSW; NUT HEIGHT: 3/8 IN; MATERIAL: MS; SPECIFICATION: BS 1083-1965 TABLE 5; PRECISION, MEDIUM FIT, GRADE A	EA	5	R	R
251	NUT, HEX: DIAMETER: 1/2 IN; THREAD: 12BSW; NUT HEIGHT: 7/16 IN; MATERIAL: MS BLACK	KG	5	R	R
252	NUT, HEX: DIAMETER: 5/8 IN; THREAD: 11BSW; NUT HEIGHT: 9/16 IN; MATERIAL: MS BLACK	KG	5	R	R
253	NUT, HEX: DIAMETER: 3/4 IN; THREAD: 10BSW; NUT HEIGHT: 11/16 IN; MATERIAL: MS BLACK	KG	5	R	R
254	NUT, HEX: DIAMETER: 7/8 IN; THREAD: 9BSW; NUT HEIGHT: 3/4 IN; MATERIAL: STL BLACK	KG	5	R	R
255	NUT, HEX: DIAMETER: 1 IN; THREAD: 8BSW; NUT HEIGHT: 3/4 IN; MATERIAL: MS BLACK	KG	5	R	R
256	NUT, HEX: DIAMETER: 1-1/8 IN; THREAD: BSW; MATERIAL: MS BLACK	KG	5	R	R
257	NUT, HEX: DIAMETER: 1-1/4 IN; THREAD: 7BSW; MATERIAL: MS BLACK; PRECISION TYPE, IN 50 KG BAGS	KG	5	R	R
258	NUT, HEX: DIAMETER: M6; THREAD: 1 MM; NUT HEIGHT: 5 MM; MATERIAL: MS BLACK; GRADE: 4.8; SPECIFICATION: SABS 1143-1977	KG	5	R	R
259	NUT, HEX: DIAMETER: M10; THREAD: 1.5 MM; NUT HEIGHT: 8 MM; MATERIAL: MS BLACK; GRADE: 4.8; SPECIFICATION: SABS 1143	KG	100	R	R
260	NUT, HEX: DIAMETER: M12; THREAD: 1.75 MM; NUT HEIGHT: 10 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	1000	R	R
261	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 13 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	5000	R	R
262	NUT, HEX: DIAMETER: M24; THREAD: 3 MM; NUT HEIGHT: 18 MM; MATERIAL: MS BLACK; SPECIFICATION: SABS 1143	KG	5000	R	R
263	NUT, HEX: DIAMETER: M30; THREAD: 3.5 MM; NUT HEIGHT: 24 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143-1977	KG	2000	R	R

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264	WASHER, LOCK: OUTSIDE DIAMETER: 21 MM; THICKNESS: 2.5 MM; NOMINAL SIZE: M12; MATERIAL: SS; TYPE: HELICAL SPRING	EA	1000	R	R
265	WASHER, LOCK: INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 27.3 MM; THICKNESS: 3.5 MM; NOMINAL SIZE: M16; MATERIAL: SS; TYPE: HELICAL SPRING	EA	1000	R	R
266	NUT, HEX: DIAMETER: M8; THREAD: 1.25 MM; NUT HEIGHT: 6 MM; MATERIAL: HTS GR 40; GRADE: 8.8; SPECIFICATION: DIN 934	EA	400	R	R
267	NUT, HEX: DIAMETER: M10; THREAD: 1.5 MM; NUT HEIGHT: 8 MM; MATERIAL: HTS; GRADE: 8.8; DIN931; DOUBLE CHAMFERED; COARSE THRD; MEDIUM FIT; QUENCHED AND TEMPERED	EA	1800	R	R
268	NUT, HEX: DIAMETER: 1-1/4 IN; THREAD: BSF; NUT HEIGHT: 1-1/8 IN; MATERIAL: STL; GRADE: 8.8; SPECIFICATION: DIN 934	EA	5	R	R
269	NUT, HEX: DIAMETER: 1-3/4 IN; THREAD: BSF; MATERIAL: STL; FINISHED	EA	5	R	R
270	NUT, HEX: DIAMETER: M20; THREAD: 2.5 MM; NUT HEIGHT: 17 MM; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: DIN 934	EA	14000	R	R
271	WASHER: TYPE: VALVE ST 60; THICKNESS: 5 MM; SUPPL P/N: 6652530	EA	5	R	R
272	WASHER, FLAT: NOMINAL SIZE: M30; INSIDE DIAMETER: 33 MM; OUTER SIZE: 57 MM; THICKNESS: 4 MM; MATERIAL: MS BLACK	KG	2000	R	R
273	NUT, HEX: DIAMETER: 7/16 IN; THREAD: BSF; MATERIAL: STL FINISHED	EA	5	R	R
274	NUT, HEX: DIAMETER: 5/8 IN; THREAD: BSF; MATERIAL: BRS	EA	5	R	R
275	NUT, WING: DIAMETER: 7/16 IN; THREAD: BSW	EA	5	R	R
276	NUT, WING: DIAMETER: 1/2 IN; THREAD: 12BSW; MATERIAL: STL; WING SPREAD: 1-7/8 IN; WING HEIGHT: 7/8 IN	EA	5	R	R
277	WASHER, FLAT: NOMINAL SIZE: M6; INSIDE DIAMETER: 6.2 MM; OUTER SIZE: 12.5 MM; THICKNESS: 1.6 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: BS 1449 PART 3B; REFERENCE NO: WASHFLBLKM6, UNK; APPLICABLE STANDARD TO WHICH THE GOODS SUPPLIED WAS MANUFACTURED	KG	5	R	R
278	WASHER, FLAT: NOMINAL SIZE: M10; INSIDE DIAMETER: 12 MM; OUTER SIZE: 21 MM; THICKNESS: 2 MM; MATERIAL: STL; SPECIFICATION: SABS 4320-1968 TABLE 3 FORM E	KG	5	R	R
279	WASHER, FLAT: NOMINAL SIZE: M12; INSIDE DIAMETER: 13.5 MM; OUTER SIZE: 24 MM; THICKNESS: 2.5 MM; MATERIAL: MS BLACK; SPECIFICATION: BS 1449 PART 3B	KG	2000	R	R
280	WASHER, FLAT: NOMINAL SIZE: M20; INSIDE DIAMETER: 21 MM; OUTER SIZE: 37 MM; THICKNESS: 3 MM; MATERIAL: MS BLACK BS 1449PT3B	KG	1000	R	R
281	WASHER, FLAT: NOMINAL SIZE: M24; INSIDE DIAMETER: 25 MM; OUTER SIZE: 44 MM; THICKNESS: 4.5 MM; MATERIAL: MILD STEEL	KG	2000	R	R
282	SET: TYPE: TRANSITION WASHER; APPLICATION: GENERATOR BUSBAR CONNECTION; QUANTITY: 3; REFERENCE NO: M12, UNK	EA	5	R	R
283	WASHER, FLAT: NOMINAL SIZE: 25.7 MM; INSIDE DIAMETER: 25.7 MM; OUTER SIZE: 32 MM; THICKNESS: 1.2 MM; MATERIAL: CU; SUPPL P/N: 301167-0118; VALVE GUIDE; 2.6MM THK; FOR USE WITH RETRACTABLE IK 545 DIAMOND POWER SOOTBLOWER	EA	5	R	R
284	WASHER, FLAT: NOMINAL SIZE: M16; INSIDE DIAMETER: 17 MM; OUTER SIZE: 34 MM; THICKNESS: 3.5 MM; MATERIAL: STL; SUPPL P/N: TRANSITION; FOR 22 KV BUS BAR CONNECTIONS; 3 PER SET	EA	5	R	R

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285	NUT, HEX: DIAMETER: M36; THREAD: 4 MM; GRADE: 070M20	EA	3000	R	R
286	NUT, HEX: DIAMETER: M33; THREAD: 3.5 MM; NUT HEIGHT: 26.5 MM; MATERIAL: MS; GRADE: 070M20	EA	5	R	R
287	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; SEP BLADE	KG	500	R	R
288	NUT, TUBE FITTING: TYPE: HEX; DIAMETER: 6 MM; MATERIAL: SS; SUPPL P/N: SS-6M2-1; SS-6M2-1	EA	5	R	R
289	NUT, HEX: DIAMETER: M12; THREAD: 1.75 MM; NUT HEIGHT: 17 MM; MATERIAL: SS; REFERENCE NO: SS-12M2-1, UNK; SUPPL P/N: SS-12M2-1	EA	5	R	R
290	NUT: TYPE: VALVE GUIDE; DIAMETER: 161 MM; MATERIAL: SS; FIG NO: 7020; SUPPL P/N: Y30037325; FOR USE ON 3 IN HOPKINSONS SAFETY VALVE; THREADS: DOUBLE START	EA	5	R	R
291	SPACER: TYPE: ANTI FRICTION WASHER; DIMENSIONS: ID 118 X OD 161 X THK 5 MM; MATERIAL: SS; APPLICATION: SAFETY VALVE 3 IN; FIG NO: 7020; SUPPL P/N: Y30041281; TOP A902A, FOR USE ON HOPKINSONS	EA	5	R	R
292	SPACER: TYPE: ANTI FRICTION WASHER; DIMENSIONS: ID 130 X OD 161 X THK 5 MM; MATERIAL: SS; APPLICATION: SAFETY VALVE 3 IN; FIG NO: 7020; SUPPL P/N: Y30041277; BOTTOM A902A, FOR USE ON HOPKINSONS	EA	5	R	R
293	WASHER, FLAT: NOMINAL SIZE: 1-1/2 IN; MATERIAL: MS; BLACK	KG	5	R	R
294	NUT, CAP: DIAMETER: M60; THREAD: METRIC; HEIGHT: 125 MM; MATERIAL: BR5; SUPPL P/N: 35567-801; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
295	NUT: TYPE: REVOLVING; DIAMETER: 117 MM; MATERIAL: SS; FIG NO: 7020; REFERENCE NO: 35475-105, UNK; FOR USE ON HOPKINSONS 3 IN SAFETY VALVE; THREADS: DOUBLE START	EA	5	R	R
296	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 12.5 MM; MATERIAL: SS; GRADE: 316; SPECIFICATION: SABS 136; OEM P/N: 5160-250, OEM: GE STEAM POWER SERVICE	EA	1000	R	R
297	NUT, HEX: DIAMETER: M12; THREAD: 1.75 MM; NUT HEIGHT: 10 MM; MATERIAL: SS GR 316; SABS136:1985 TABLE 12; ISO; COARSE THREAD MEDIUM FIT	EA	600	R	R
298	WASHER, LOCK: INSIDE DIAMETER: 121 MM; OUTSIDE DIAMETER: 152 MM; THICKNESS: 2 MM; NOMINAL SIZE: M120; MATERIAL: STL; TYPE: ADAPTOR SLEEVE; SPECIFICATION: ISO 2982; SUPPL P/N: MB24; GRADE 4.6	EA	5	R	R
299	NUT, LOCK: DIAMETER: 1/2 IN; LOCKING METHOD: NYLON INSERT; THREAD: 12BSW; MATERIAL: STL GALV; GRADE: 4.6	EA	200	R	R
300	NUT, ADAPTOR: DIAMETER: M70; SLOTS: 4; LOCKING METHOD: SELF LOCKING; THREAD: 1 MM; MATERIAL: STL; GRADE: 4.6; TYPE: SLEEVE; SUPPL P/N: KM15	EA	5	R	R
301	NUT, ADAPTOR: DIAMETER: 170 MM; SLOTS: 1; LOCKING METHOD: SELF LOCKING; THREAD: 3 MM; MATERIAL: STL; GRADE: 4.6; APPLICATION: SLEEVE HM74T; NUT HEIGHT: 59MM	EA	5	R	R
302	NUT, HEX: DIAMETER: 1-1/8 IN; THREAD: BSF; MATERIAL: STL FINISHED	EA	5	R	R
303	NUT, HEX: DIAMETER: 1-1/2 IN; THREAD: BSF; MATERIAL: STL FINISHED	EA	5	R	R
304	NUT, HEX: DIAMETER: M27; THREAD: 3 MM; NUT HEIGHT: 21 MM; MATERIAL: MS BLACK	KG	5	R	R

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305	NUT, HEX: DIAMETER: M52; THREAD: 0.5 MM; NUT HEIGHT: 90 MM; MATERIAL: MS; DRAWING NO: 36.36/21151 REV 0; APPLICATION: SUB ASSEMBLY OF MILL DOOR; SPRING TENSION ROD; NUT TO BE MACHINED AS PER DRAWING NUMBER	EA	5	R	R
306	NUT, SQUARE: DIAMETER: M24; THREAD: 2 MM; NUT HEIGHT: 26 MM; MATERIAL: MS; DRAWING NO: 33328 REV 1; NUT DIA: SQ 48	EA	5	R	R
307	WASHER, FLAT: NOMINAL SIZE: 20.5 MM; INSIDE DIAMETER: 19 MM; OUTER SIZE: 39.5 MM; THICKNESS: 3 MM; MATERIAL: STL BRIGHT; PERIPHERAL SHAPE STYLE: ROUND; REFERENCE NO: AH4401; APPLICATION: YARWAY COLOUR PORT	EA	300	R	R
308	NUT: TYPE: REPLACEABLE; MATERIAL: BRS; SUPPL P/N: R33329; IT2B	EA	5	R	R
309	WASHER: TYPE: ID FAN COUPLING; REFERENCE NO: SK32993A	EA	5	R	R
310	WASHER: TYPE: JOINT; INSIDE DIAMETER: 13 MM; OUTSIDE DIAMETER: 36 MM; THICKNESS: 16 SWG; MATERIAL: STL; SUPPL P/N: 187/201; A/PREHEA	EA	5	R	R
311	NUT, LOCK: DIAMETER: M12; LOCKING METHOD: SELF; CLEVELOCK, BLR AIR HEATER	EA	5	R	R
312	WASHER: TYPE: DISC; INSIDE DIAMETER: 16.3 MM; OUTSIDE DIAMETER: 34 MM; THICKNESS: 1.5 MM; MATERIAL: STL	EA	5	R	R
313	NUT, CAP: DIAMETER: 1 IN; THREAD: BSF; LP CASINGVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
314	NUT, LOCK: DIAMETER: 5/8 IN	EA	5	R	R
315	WASHER, FLAT: INSIDE DIAMETER: 1/2 IN; OUTER SIZE: 3/4 IN; PERIPHERAL SHAPE STYLE: SQ; GAUGE GLASS	EA	5	R	R
316	WASHER, LOCK: TYPE: MONO PUMP 3100	EA	5	R	R
317	NUT, COUPLING: THREAD: LH; SLEEVE DE MEDIVANE PUMP	EA	5	R	R
318	NUT: TYPE: SLEEVE; DIAMETER: 3/4 IN; RH; FE MED PUMP	EA	0	R	R
319	NUT, COUPLING: DIAMETER: M42; THREAD: 2 MM; HEIGHT: 15 MM; MATERIAL: BRS; APPLICATION: SLEEVE MEDIVANE PUMP	EA	5	R	R
320	NUT: TYPE: SLEEVE L/H; MATERIAL: STL; APPLICATION: MATHER AND PLATT CONDENSATE EXTRACTION PUMP; MODEL NO: CEP8IN/8IN/24IN, UNK; REFERENCE NO: 110635P-18, UNK; 204-174-949-001; 66, UNK; FOR USE ON ROTATING ELEMENT ASSEMBLY	EA	5	R	R
321	NUT: TYPE: SHAFT NDE; DIAMETER: 105 MM; MATERIAL: STL; MODEL NO: HPTPOM 40-25-6STG, UNK; REFERENCE NO: 121-120-170-401, UNK; 31.88, UNK; FOR ROTATING ELEMENT ASSEMBLY ON SULZER STEAM FEED PUMP; THREADS: 11TPI	EA	10	R	R
322	NUT, LOCK: DIAMETER: M130; LOCKING METHOD: SELF LOCKING; THREAD: 2 MM; MATERIAL: STL ALLOY; NUT HEIGHT: 21 MM; TYPE: PUMP; SPECIFICATION: KM26; REFERENCE NO: Z6; SUPPL P/N: 347/22; APPLICATION: SPARGO PUMP; NUT OD: 165MM; WASHER TYPE: MB26; SPANNER: TMFN23-30; WEIGHT: 1.09KG	EA	5	R	R
323	NUT: TYPE: LOCK; DIAMETER: M60; THREAD: MALE 12 MM; MATERIAL: CU; APPLICATION: CYLINDER SLEEVE 5031 STEAM PUMP	EA	5	R	R
324	NUT: TYPE: LOCK; DIAMETER: M11; THREAD: BSF; MATERIAL: STL; SUPPL P/N: C10500/162	EA	5	R	R

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325	WASHER, SEALING: NOMINAL SIZE: M40; INSIDE DIAMETER: 42 MM; OUTSIDE DIAMETER: 95 MM; THICKNESS: 8 MM; MATERIAL: MS; TYPE: BIRLEC AIR COVER	EA	5	R	R
326	WASHER: TYPE: EPICYCLIC GEARBOX; INSIDE DIAMETER: 42.3 MM; OUTSIDE DIAMETER: 63.15 MM; THICKNESS: 2.93 MM; MATERIAL: STL; REFERENCE NO: 737951	EA	5	R	R
327	NUT, LOCK: THREAD: 1/4-UNC	EA	5	R	R
328	NUT, HEX: DIAMETER: 1/4 IN; THREAD: UNC; NUT HEIGHT: 5.5 MM; MATERIAL: STL; GRADE: 10.9	EA	5	R	R
329	NUT, SLOTTED: TYPE: CASTLE; DIAMETER: 1-1/4 IN; NO44	EA	5	R	R
330	NUT: TYPE: OIL SEPARATOR; SUPPL P/N: 67477	EA	5	R	R
331	NUT: TYPE: SHAFT DRIVE END LH; MATERIAL: STL; MODEL NO: HPTPOM 40-25-6STG, UNK; REFERENCE NO: 121-220-170-400, UNK; 31.38, UNK; FOR ROTATING ELEMENT ASSEMBLY ON SULZER STEAM FEED PUMP	EA	10	R	R
332	NUT, HEX: DIAMETER: 72 MM; MATERIAL: STL; MODEL NO: HPTPOM 40-25-6STG, UNK; REFERENCE NO: 121-101-550-600, UNK; 31.14, UNK; 11 TPI THREADS, TYPE SULZER FOR STEAM FEED PUMP, USED ON ROTATING ELEMENT ASSEMBLY	EA	20	R	R
333	NUT, HEX: DIAMETER: 72 MM; MATERIAL: STL; MODEL NO: HPTPOM 40-25-6STG, UNK; REFERENCE NO: 104-604-633-001, UNK; 31.97, UNK; FOR ROTATING ELEMENT ASSEMBLY ON SULZER STEAM FEED PUMP; THREADS: 11TPI	EA	10	R	R
334	WASHER: TYPE: WAVED V500 COMPRESSOR	EA	5	R	R
335	WASHER: TYPE: V500 COMPRESSOR PISTON	EA	5	R	R
336	NUT: TYPE: SHAFT NDE; DIAMETER: 110 MM; MATERIAL: STL; MODEL NO: HPTPOM 40-25-6STG, UNK; REFERENCE NO: 31.2, UNK; 425-209-302-101, UNK; FOR ROTATING ELEMENT ASSEMBLY ON SULZER STEAM FEED PUMP; THREADS 11TPI	EA	5	R	R
337	NUT: TYPE: SHAFT DRIVE END; DIAMETER: 110 MM; MATERIAL: STL; MODEL NO: HPTPOM 40-25-6STG, UNK; REFERENCE NO: 31.24, UNK; 425-109-301-900, UNK; FOR ROTATING ELEMENT ASSEMBLY ON SULZER STEAM FEED PUMP; THREADS: 11TPI	EA	5	R	R
338	WASHER, FLAT: NOMINAL SIZE: M12; INSIDE DIAMETER: 13 MM; OUTER SIZE: 40 MM; THICKNESS: 4 MM; MATERIAL: MS; PERIPHERAL SHAPE STYLE: ROUND; GRADE: 4.6	KG	1500	R	R
339	WASHER, LOCK: INSIDE DIAMETER: 82 MM; OUTSIDE DIAMETER: 120 MM; THICKNESS: 2.4 MM; NOMINAL SIZE: M80; MATERIAL: CU; TYPE: EXTERNAL TOOTH COUNTERSUNK; GRADE: HPT40; APPLICATION: 100 PCT PUMP M/P PLUROVANE 50 PCT	EA	5	R	R
340	WASHER, LOCK: NOMINAL SIZE: 8 MM; TYPE: STAR	EA	5	R	R
341	WASHER, LOCK: NOMINAL SIZE: 5/8 IN; MATERIAL: SPRING STL	EA	5	R	R
342	WASHER, LOCK: INSIDE DIAMETER: 42.5 MM; OUTSIDE DIAMETER: 59 MM; THICKNESS: 8.2 MM; NOMINAL SIZE: M42; MATERIAL: STL; TYPE: HELICAL SPRING	EA	5	R	R
343	WASHER, LOCK: NOMINAL SIZE: 5/8 IN; MATERIAL: SPRING STL; TYPE: SPRING	EA	5	R	R
344	NUT, SLOTTED: TYPE: CASTLE; DIAMETER: 5/8 IN; THREAD: BSW; MATERIAL: STL	EA	5	R	R
345	NUT, SLOTTED: TYPE: CASTLE; DIAMETER: 5/8 IN; THREAD: BSF; MATERIAL: STL	EA	5	R	R
346	NUT, SLOTTED: TYPE: CASTLE; DIAMETER: 3/4 IN; THREAD: BSF; MATERIAL: STL	EA	5	R	R
347	NUT, SLOTTED: TYPE: CASTLE; DIAMETER: 7/8 IN; THREAD: BSF; MATERIAL: STL	EA	5	R	R

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348	NUT, SLOTTED: TYPE: CASTLE HEX; DIAMETER: 3/16 IN; THREAD: BSF; MATERIAL: STL	EA	5	R	R
349	NUT, HEX: DIAMETER: 1/2 IN; THREAD: 12BSW; MATERIAL: SS GR 316; SPECIFICATION: BS 1083-1965; PRECISION WASHER FACED AND CHAMFERRED MEDIUM FIT	EA	1500	R	R
350	NUT, LOCK: DIAMETER: 3/8 IN; LOCKING METHOD: NYLOC; THREAD: BSW; MATERIAL: SS	EA	30	R	R
351	NUT, LOCK: DIAMETER: 3/4 IN; LOCKING METHOD: NYLOC; THREAD: BSW	EA	5	R	R
352	NUT, LOCK: DIAMETER: 1/4 IN; LOCKING METHOD: NYLOC; THREAD: BSF	EA	5	R	R
353	NUT, LOCK: DIAMETER: 5/16 IN; LOCKING METHOD: NYLOC; THREAD: BSF; MATERIAL: SS GR 310	EA	5	R	R
354	NUT, LOCK: DIAMETER: 3/8 IN; LOCKING METHOD: NYLOC; THREAD: BSF	EA	5	R	R
355	NUT, LOCK: DIAMETER: 1/2 IN; LOCKING METHOD: NYLOC; THREAD: BSF	EA	5	R	R
356	NUT, LOCK: DIAMETER: 5/8 IN; LOCKING METHOD: NYLOC; THREAD: BSF	EA	5	R	R
357	WASHER, THRUST: INSIDE DIAMETER: 129 MM; OUTSIDE DIAMETER: 160 MM; THICKNESS: 4 MM; MATERIAL: STL; USAGE DESIGN: COMPRESSOR; SUPPL P/N: C10190-590; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
358	NUT, LOCK: DIAMETER: M12; LOCKING METHOD: NYLON INSERT; THREAD: 1.75 MM; MATERIAL: STL	EA	300	R	R
359	NUT, HEX: DIAMETER: 5/8 IN; THREAD: BSW; MATERIAL: SS GR 316	EA	5	R	R
360	BOLT, ANCHOR: TYPE: RAWL; DIAMETER: M5; MATERIAL: STL; LENGTH: 50 MM; REFERENCE NO: A19, UNK; ANCHOR MATERIAL: STL; ANCHOR SIZE: DIA 8 X LG 38 MM; DRILL SIZE: 9 MM; SCREW SIZE: M5; THREAD LENGTH: 50 MM; TYPE: RAWLBOLT	EA	5	R	R
361	INSERT: TYPE: MILL HOLDING BOLT	EA	500	R	R
362	NUT, CONDUIT LOCK: TYPE: THINWALL; DIAMETER: M25; MATERIAL: STL	EA	5	R	R
363	NUT: TYPE: ADJUSTING; DIAMETER: 2-3/8 IN; THREAD: 12 TPI; MATERIAL: SS GR 316; SUPPL P/N: 395124-1128; DIAMOND POWER	EA	80	R	R
364	BOLT, MACHINE: DIAMETER: M12; LENGTH: 120 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM	EA	50	R	R
365	BOLT, MACHINE: DIAMETER: M20; LENGTH: 120 MM; HEAD: HEX; GRADE: 4.8; MATERIAL: STL; THREAD: 2 MM	EA	3000	R	R
366	FIXTURE, HIGH INTENSITY DISCHARGE: POWER: 250 W; POTENTIAL: 220 V; MOUNT: EYE BOLT; REFERENCE NO: MAG22, UNK; SUPPL P/N: MAG22/GES/EB/SE; SIDE ENTRY; WITHOUT BRACKETS; LAMP AND UNIBOX, GES LAMP BASE	EA	300	R	R
367	WASHER: TYPE: TRANSITION; NOMINAL SIZE: M16; INSIDE DIAMETER: 16 MM; OUTSIDE DIAMETER: 32 MM; THICKNESS: 2.4 MM; SUPPL P/N: TW1/5	EA	300	R	R
368	NUT, CAP: DIAMETER: 40 MM; THREAD: 4 MM; HEIGHT: 90 MM; MATERIAL: STL; GRADE: 8.8; SUPPL P/N: 201; FOR SAFURNCO TYPE OIL BURNER; COARSEVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	100	R	R
369	WASHER, FLAT: NOMINAL SIZE: 1-1/2 IN; INSIDE DIAMETER: 38 MM; OUTER SIZE: 42 MM; MATERIAL: CU; SUPPL P/N: 212; FOR TYPE OIL BURNER	EA	800	R	R

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370	WASHER, SEALING: INSIDE DIAMETER: 32.8 MM; OUTSIDE DIAMETER: 46.5 MM; THICKNESS: 3 MM; MATERIAL: CU	EA	500	R	R
371	WASHER, SEALING: INSIDE DIAMETER: 88 MM; OUTSIDE DIAMETER: 105 MM; THICKNESS: 2 MM; MATERIAL: CU	EA	500	R	R
372	WASHER, FLAT: NOMINAL SIZE: M45; INSIDE DIAMETER: 48 MM; OUTER SIZE: 58 MM; THICKNESS: 2 MM; MATERIAL: CU; PERIPHERAL SHAPE STYLE: ROUND; APPLICATION: SEALING	EA	500	R	R
373	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; NUT QUANTITY: 1; DIN931	EA	1500	R	R
374	WASHER: TYPE: SOOTBLOWER; NOMINAL SIZE: 26 MM; INSIDE DIAMETER: 26.5 MM; OUTSIDE DIAMETER: 36 MM; THICKNESS: 2.5 MM; MATERIAL: CU; SUPPL P/N: 930711-9034; DIAS WELDING AND MECHANICAL ENGINEERING	EA	200	R	R
375	NUT, CAP: DIAMETER: 3 IN; MATERIAL: STL TEMPERATURE RESISTANT; DRAWING NO: 20AL1202.079 REV 1; SUPPL P/N: 0003246400M; FOR INNER AND OUTER CASING, ONLY SIEMENS BRAND ACCEPTABLEVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	100	R	R
376	BOLT, MACHINE: DIAMETER: 2 IN; LENGTH: 9-3/4 IN; HEAD: HEX; MATERIAL: STL TEMPERATURE RESISTANT; THREAD: BSF; TYPE: HP STUB SHAFT; SUPPL P/N: 30AL1170.009; ONLY SIEMENS BRAND ACCEPTABLE	EA	10	R	R
377	NUT: TYPE: HP NOZZLE CHEST LOCKING; DIAMETER: 12.5 IN; MATERIAL: STL TEMPERATURE RESISTANT; REFERENCE NO: 24AL1115.005, UNK; ONLY SIEMENS BRAND ACCEPTABLE	EA	5	R	R
378	NUT, CAP: DIAMETER: 2-1/4 IN; MATERIAL: STL TEMPERATURE RESISTANT; REFERENCE NO: 20AL1202.082, UNK; FOR BLADE RINGS, ONLY SIEMENS BRAND ACCEPTABLEVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20	R	R
379	NUT, CAP: DIAMETER: 3-1/2 IN; MATERIAL: STL TEMPERATURE RESISTANT; DRAWING NO: 20AL1202.078 REV 1; SUPPL P/N: 0003246600M; FOR INNER CASING, ONLY SIEMENS BRAND ACCEPTABLEVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
380	NUT, CAP: DIAMETER: 2-3/4 IN; MATERIAL: STL TEMPERATURE RESISTANT; REFERENCE NO: 20AL1202.080, UNK; FOR OUTER CASING, ONLY SIEMENS BRAND ACCEPTABLEVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
381	NUT, CAP: DIAMETER: 2-1/2 IN; MATERIAL: STL TEMPERATURE RESISTANT; REFERENCE NO: 20AL1202.081, UNK; FOR OUTER CASING, ESV VALVE OVER, ONLY SIEMENS BRAND ACCEPTABLEVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R

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382	NUT, CAP: DIAMETER: 2 IN; MATERIAL: STL TEMPERATURE RESISTANT; REFERENCE NO: 20AL1202.083, UNK; FOR OUTER CASING, GOVERNOR VALVE COVER, ONLY SIEMENS BRAND ACCEPTABLE VENDOR ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	100	R	R
383	NUT, HEX: DIAMETER: 1-1/2 IN; MATERIAL: STL TEMPERATURE RESISTANT; REFERENCE NO: 20AL1202.085, UNK; FOR INLET FLANGES	EA	10	R	R
384	NUT, HEX: DIAMETER: 1.75 IN; MATERIAL: STL TEMPERATURE RESISTANT; REFERENCE NO: 20AL1202.084, UNK; FOR OUTER CASING, ONLY SIEMENS BRAND ACCEPTABLE	EA	10	R	R
385	WASHER: TYPE: CONICAL; INSIDE DIAMETER: 9.5 MM; OUTSIDE DIAMETER: 13.8 MM; THICKNESS: 0.65 MM; MATERIAL: NYLON; SUPPL P/N: SL23508.008; FOR USE ON PARSONS AC GENERATOR	EA	10	R	R
386	WASHER: TYPE: CRINKLE; NOMINAL SIZE: 3/8 IN; INSIDE DIAMETER: 10 MM; OUTSIDE DIAMETER: 17 MM; THICKNESS: 0.2 MM; MATERIAL: CU BERYLLIUM; SUPPL P/N: SL23300.011; FOR USE ON PARSONS AC GENERATOR	EA	5	R	R
387	WASHER: TYPE: CRINKLE; INSIDE DIAMETER: 1/2 IN; OUTSIDE DIAMETER: 24 MM; THICKNESS: 0.2 MM; MATERIAL: CU BERYLLIUM; SUPPL P/N: SL23300.025; FOR USE ON PARSONS AC GENERATOR	EA	5	R	R
388	BOLT: TYPE: COUPLING 16/SET; DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: METRIC; THREAD LENGTH: 30 MM; SPECIFICATION: ISO 9001; PROTECTIVE COATING: NONE; FURNISHED ITEMS: SELLOCK NUT; WASHER; MODEL NO: HBS2500-8/2AH; REFERENCE NO: 119-023-062-960; FOR TURBOFLEX COUPLING USED ON 100PCT STEAM FEED PUMP HPTPOM40-25-6 STAGE, TO BE SUPPLIED IN SETS OF 16 BOLTS PER SET AND TO BE PACKED PER SET AND CLEARLY MARKED WITH COUPLING REFERENCE	EA	5	R	R
389	BOLT: TYPE: COUPLING 16/SET; DIAMETER: M20; LENGTH: 80 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: METRIC; THREAD LENGTH: 30 MM; SPECIFICATION: ISO 9001; PROTECTIVE COATING: NONE; FURNISHED ITEMS: SELLOCK NUT; WASHER; MODEL NO: HBS2000-355; REFERENCE NO: 119-023-062-963; FOR TURBOFLEX COUPLING USED ON 50PCT ELECTRIC FEED PUMP HPT32-17.5/12 STAGE, TO BE SUPPLIED IN SETS OF 16 BOLTS PER SET AND TO BE PACKED PER SET AND CLEARLY MARKED WITH COUPLING	EA	5	R	R
390	BOLT: TYPE: COUPLING 16/SET; DIAMETER: M20; LENGTH: 80 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: METRIC; THREAD LENGTH: 30 MM; SPECIFICATION: ISO 9001; PROTECTIVE COATING: NONE; FURNISHED ITEMS: SELLOCK NUT; WASHER; MODEL NO: HBS2000-134; REFERENCE NO: 119-023-062-966; FOR TURBOFLEX COUPLING USED ON 50PCT ELECTRIC FEED PUMP MATHER AND PLATT, TO BE SUPPLIED IN SETS OF 16 BOLTS PER SET AND TO BE PACKED PER SET AND CLEARLY MARKED WITH COUPLING REFERENCE	EA	5	R	R

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391	BOLT: TYPE: COUPLING 16/SET; DIAMETER: M20; LENGTH: 67 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: METRIC; THREAD LENGTH: 20 MM; SPECIFICATION: ISO 9001; PROTECTIVE COATING: NONE; FURNISHED ITEMS: SELLOCK NUT; WASHER; MODEL NO: HBS1500-8/1-RH; REFERENCE NO: 119-023-062-969; FOR TURBOFLEX COUPLING USED ON CONDENSATE EXTRACTION PUMP 8 IN X 8 IN X 24 IN, TO BE SUPPLIED IN SETS OF 16 BOLTS PER SET AND TO BE PACKED PER SET AND CLEARLY MARKED WITH COUPLING REFERENCE	EA	5	R	R
392	NUT, LOCK: DIAMETER: 90 MM; LOCKING METHOD: SELF LOCKING; THREAD: METRIC; MATERIAL: MS; TYPE: R/H; MODEL NO: M/P8X8X24IN, UNK; REFERENCE NO: 110635P-17, UNK; 204-174-948-001; FOR USE ON CONDENSATE EXTRACTION PUMP TYPE MATHER AND PLATT	EA	5	R	R
393	NUT, LOCK: DIAMETER: 40 MM; LOCKING METHOD: SELF LOCKING; THREAD: METRIC; MATERIAL: MS; MODEL NO: M/P8X8X24IN, UNK; REFERENCE NO: 17521P-369, UNK; SUPPL P/N: 251; FOR USE ON CONDENSATE EXTRACTION PUMP TYPE MATHER AND PLATT	EA	10	R	R
394	WASHER, LOCK: OUTSIDE DIAMETER: 25 MM; THICKNESS: 7 MM; MATERIAL: STL; DRAWING NO: SV1742 REF SLB 4460 REV 1; CATALOGUE NO: PEABODY HOLMES ORIGINAL LB4822; SUPPL P/N: SV-1742/28; SEAL RETAINER; TO LOCATE O - RING INSIDE THE ACTUATOR END CAP OF FUEL OIL BURNER BLOCK	EA	5	R	R
395	WASHER, FLAT: NOMINAL SIZE: M12; INSIDE DIAMETER: 13 MM; OUTER SIZE: 24 MM; THICKNESS: 2 MM; MATERIAL: STL BRIGHT; REFERENCE NO: LB4822, UNK; SUPPL P/N: SV-1742/83; TO FILL INTERLOCK SHAFT (ITEM 10) AS PER ORIGINAL DESIGN PART LIST; TYPE SAFURNCO	EA	1000	R	R
396	WASHER, THRUST: INSIDE DIAMETER: 60 MM; OUTSIDE DIAMETER: 66 MM; THICKNESS: 9 MM; MATERIAL: BRS; DRAWING NO: SV1742 REF SLB5926 REV 1; SUPPL P/N: LB4822; SV-1742/84; TO SUPPORT INTERLOCK SHAFT (ITEM 10) AT THE HANDLE AS PER ORIGINAL DESIGN; NOMINAL SIZE: 59 MM VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
397	NUT: TYPE: HEX; DIAMETER: M3; MATERIAL: STL; APPLICATION: BURNER BLOCK; CATALOGUE NO: LB 4822; SUPPL P/N: SV-1742/65; AS PER PEABODY HOLMES ORIGINAL TYPE SAFURNCO	EA	5	R	R
398	NUT, LOCK: DIAMETER: M12; LOCKING METHOD: NYLOCK; MATERIAL: STL; CATALOGUE NO: PEABODY HOLMES LB 4822; SUPPL P/N: SV-1742/82; TO FIT INTERLOCK SHAFT (ITEM 10) TYPE SAFURNCO	EA	5	R	R
399	WASHER, LOCK: INSIDE DIAMETER: 3 MM; OUTSIDE DIAMETER: 5 MM; THICKNESS: 2 MM; NOMINAL SIZE: M3; MATERIAL: STL; TYPE: SPRING; SUPPL P/N: SV-1742/66; AS PER ORIGINAL DESIGN PART LIST	EA	5	R	R
400	WASHER, FLAT: INSIDE DIAMETER: 4 MM; OUTER SIZE: 9 MM; THICKNESS: 1 MM; MATERIAL: STL; REFERENCE NO: LB 4822, UNK; SUPPL P/N: SV-1742/47; AS PER ORIGINAL DESIGN PART LIST; TYPE SARFUNCO	EA	5	R	R
401	NUT, HEX: DIAMETER: M10; MATERIAL: SS GR 316; FOR USE ON COMMON PLANT; DIAMETER: 17 MM	EA	2000	R	R
402	NUT, HEX: DIAMETER: M12; MATERIAL: SS GR 316; FOR USE ON COMMON PLANT; DIAMETER: 19 MM	EA	2000	R	R

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403	WASHER, THRUST: INSIDE DIAMETER: 81 MM; OUTSIDE DIAMETER: 136 MM; THICKNESS: 3 MM; MATERIAL: STL; SURFACE CONDITION: SMOOTH; USAGE DESIGN: LINER; SUPPL P/N: SL14139.030; GEAR SIDE, FOR USE ON THE TURBINE DRIVEN MAIN OIL PUMP, ONLY SIEMENS BRAND ACCEPTABLE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20	R	R
404	WASHER, THRUST: INSIDE DIAMETER: 81 MM; OUTSIDE DIAMETER: 138 MM; THICKNESS: 3 MM; MATERIAL: STL; SURFACE CONDITION: SMOOTH; USAGE DESIGN: LINER, IMPELLER SIDE; SUPPL P/N: SL14139.029; FOR USE ON THE TURBINE DRIVEN MAIN OIL PUMP, ONLY SIEMENS BRAND ACCEPTABLE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
405	NUT: TYPE: RETAINING COUNTERSHAFT GEAR; DIAMETER: 113 MM; THREAD: 2.5 MM; MATERIAL: STL; APPLICATION: TURBINE DRIVE MAIN OIL PUMP; REFERENCE NO: SL14139.022, UNK; OTHER SIZES: OD 53 X HT 19 X THK 19MM; ONLY SIEMENS BRAND ACCEPTABLE	EA	5	R	R
406	NUT: TYPE: RETAINING DRIVE GEAR; DIAMETER: M60; THREAD: 2.5 MM; MATERIAL: STL; APPLICATION: TURBINE DRIVE MAIN OIL PUMP; SUPPL P/N: SL14139.016; OTHER SIZES: OD 102 X HT19.5 X THK 20MM ONLY SIEMENS BRAND ACCEPTABLE	EA	5	R	R
407	NUT: TYPE: RETAINING IMPELLER; MATERIAL: BRS; SUPPL P/N: SL14139.010; FOR USE ON THE TURBINE DRIVEN MAIN OIL PUMP, ONLY SIEMENS BRAND ACCEPTABLE	EA	10	R	R
408	NUT: TYPE: RETAINING 1ST REDUCTION PINION; DIAMETER: M35; THREAD: 2.5 MM; MATERIAL: STL; APPLICATION: TURBINE DRIVE MAIN OIL PUMP; SUPPL P/N: SL14332.035; OTHER SIZES: OD 72 X HT 26 X THK 37MM; ONLY SIEMENS BRAND ACCEPTABLE	EA	5	R	R
409	BOLT, MACHINE: DIAMETER: 1/4 IN; LENGTH: 30 MM; HEAD: HEX; MATERIAL: SS; THREAD: NPT; REFERENCE NO: 206147, UNK; COMPLETE WITH TWO SEALS; TYPE: FESTO HOLLOW	EA	100	R	R
410	NUT, HEX: DIAMETER: 2-1/4 IN; THREAD: BSF; NUT HEIGHT: 50 MM; MATERIAL: GR EN3A; FOR USE ON THE FEED WATER VALVE	EA	5	R	R
411	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 70 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; NUT QUANTITY: 1; NUT MATERIAL: HTS; NUT GRADE: 8.8; C/W TWO WASHERS	EA	2500	R	R
412	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; NUT QUANTITY: 1; TYPE GENERAL PURPOSE, FOR MAINTENANCE USE, C/W TWO WASHERS	EA	4500	R	R
413	NUT: TYPE: SPINDLE INNER REJECTION DOOR; MATERIAL: STL; DRAWING NO: CMP/CAM/06/01/001 REV 1; 63MM OD X 106MM LG DIAMETER, THREADS 1-7/8 IN	EA	100	R	R
414	BOLT, ASSEMBLY: NOMINAL DIAMETER: M30; LENGTH: 145 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; TYPE: GENERAL PURPOSE; WITH NUTS	EA	3500	R	R

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415	BOLT, ASSEMBLY: NOMINAL DIAMETER: M30; LENGTH: 125 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; TYPE: GENERAL PURPOSE; WITH NUTS	EA	2000	R	R
416	BOLT, ASSEMBLY: NOMINAL DIAMETER: M30; LENGTH: 160 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; TYPE: GENERAL PURPOSE; WITH NUTS	EA	2000	R	R
417	BOLT, ASSEMBLY: NOMINAL DIAMETER: M6; LENGTH: 35 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; TYPE: GENERAL PURPOSE; WITH NUTS	KG	300	R	R
418	SEAL: TYPE: WASHER; MATERIAL: MS 16BG; DRAWING NO: 76707 REV 1; AIR HEATER HOT AND COLD END	EA	5	R	R
419	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M26; LENGTH: 60 MM; HEAD: HEX; GRADE: 4.8; MATERIAL: CS; THREAD LENGTH: 50 MM; THREAD: NPT; NUT QUANTITY: 1; NUT MATERIAL: CS; NUT GRADE: 4.8; SUPPL P/N: JE0555434; APPLICATION: SEWAGE PLANT FLOW METER	EA	10	R	R
420	WASHER, FLAT: NOMINAL SIZE: 10 MM; INSIDE DIAMETER: 10 MM; OUTER SIZE: 20 MM; THICKNESS: 1 MM; MATERIAL: MS; SUPPL P/N: JE055540	EA	200	R	R
421	BOLT, ASSEMBLY: NOMINAL DIAMETER: M30; LENGTH: 260 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; SPECIFICATION: SABS136; TYPE: GENERAL PURPOSE; WITH NUTS	EA	6000	R	R
422	BOLT, MACHINE: DIAMETER: 3/4 IN; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: 10BSW; TYPE: MILL REJECT DOOR FRAME	EA	100	R	R
423	BOLT: DIAMETER: M6; LENGTH: 100 MM; HEAD: RD; MATERIAL: STL; 3SE2200-OE LIMIT SWITCHES	EA	5	R	R
424	NUT: TYPE: LIMIT SWITCH 3SE-2200-OE; DIAMETER: M6; MATERIAL: STL	EA	300	R	R
425	WASHER, FLAT: NOMINAL SIZE: M25; INSIDE DIAMETER: 26 MM; OUTER SIZE: 40 MM; THICKNESS: 4 MM; MATERIAL: HTS; PERIPHERAL SHAPE STYLE: RD; GRADE: 10.9	EA	100	R	R
426	BOLT, MACHINE: DIAMETER: 2-1/2 IN; LENGTH: 260 MM; HEAD: HEX; GRADE: 10.9; MATERIAL: HTS; THREAD LENGTH: 200 MM	EA	20	R	R
427	BOLT, MACHINE: DIAMETER: 7/8 IN; LENGTH: 60 MM; HEAD: HEX; GRADE: 10.9; MATERIAL: HTS; THREAD: BSW; THREAD LENGTH: 40 MM	EA	2500	R	R
428	BOLT, MACHINE: DIAMETER: M20; LENGTH: 110 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD: 2.5 MM; THREAD LENGTH: 60 MM	EA	3000	R	R
429	BOLT, MACHINE: DIAMETER: M20; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD: 2.5 MM; THREAD LENGTH: 100 MM	EA	10	R	R
430	BOLT, MACHINE: DIAMETER: M24; LENGTH: 135 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD: 3 MM; THREAD LENGTH: 80 MM	EA	600	R	R
431	BOLT, MACHINE: DIAMETER: M24; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; THREAD LENGTH: 150 MM	EA	500	R	R
432	NUT, HEX: DIAMETER: 1 IN; THREAD: BSW; NUT HEIGHT: 30 MM; MATERIAL: HTS; GRADE: 10.9	EA	5	R	R
433	NUT, HEX: DIAMETER: 1-1/4 IN; NUT HEIGHT: 35 MM; MATERIAL: HTS; GRADE: 10.9	EA	10	R	R
434	NUT, HEX: DIAMETER: M20; THREAD: 2.5 MM; NUT HEIGHT: 30 MM; MATERIAL: MS; GRADE: 8.8	EA	3300	R	R
435	NUT, HEX: DIAMETER: M24; THREAD: 3 MM; NUT HEIGHT: 30 MM; MATERIAL: MS; GRADE: 8.8	EA	2500	R	R

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436	NUT, HEX: DIAMETER: M33; THREAD: 3.5 MM; NUT HEIGHT: 40 MM; MATERIAL: HTS; GRADE: 10.9	EA	50	R	R
437	NUT, HEX: DIAMETER: M36; THREAD: 4 MM; NUT HEIGHT: 40 MM; MATERIAL: HTS; GRADE: 10.9	EA	300	R	R
438	NUT, HEX: DIAMETER: M45; THREAD: 4.5 MM; NUT HEIGHT: 60 MM; MATERIAL: HTS; GRADE: 10.9	EA	5	R	R
439	WASHER, FLAT: NOMINAL SIZE: 1-1/4 IN; INSIDE DIAMETER: 35 MM; OUTER SIZE: 55 MM; THICKNESS: 4 MM; MATERIAL: MS; PERIPHERAL SHAPE STYLE: RD; GRADE: 8.8	EA	100	R	R
440	WASHER, FLAT: NOMINAL SIZE: M22; OUTER SIZE: 40 MM; THICKNESS: 4 MM; MATERIAL: MS; PERIPHERAL SHAPE STYLE: RD; GRADE: 8.8	EA	2400	R	R
441	WASHER, FLAT: NOMINAL SIZE: M38; INSIDE DIAMETER: 36 MM; OUTER SIZE: 55 MM; MATERIAL: HTS; PERIPHERAL SHAPE STYLE: RD; GRADE: 10.9	EA	100	R	R
442	WASHER, FLAT: NOMINAL SIZE: M33; INSIDE DIAMETER: 35 MM; OUTER SIZE: 65 MM; THICKNESS: 5 MM; MATERIAL: HTS; PERIPHERAL SHAPE STYLE: RD; GRADE: 10.9	EA	200	R	R
443	WASHER, FLAT: NOMINAL SIZE: M45; INSIDE DIAMETER: 48 MM; OUTER SIZE: 80 MM; MATERIAL: HTS; PERIPHERAL SHAPE STYLE: RD; GRADE: 10.9	EA	5	R	R
444	WASHER, FLAT: NOMINAL SIZE: M24; INSIDE DIAMETER: 25 MM; OUTER SIZE: 40 MM; THICKNESS: 4 MM; MATERIAL: MS; PERIPHERAL SHAPE STYLE: RD; GRADE: 8.8	EA	5000	R	R
445	BOLT, MACHINE: DIAMETER: 1/4 IN; LENGTH: 100 MM; HEAD: HEX; GRADE: 10.9; MATERIAL: HTS; THREAD LENGTH: 100 MM	EA	5	R	R
446	BOLT, MACHINE: DIAMETER: 1 IN; LENGTH: 90 MM; HEAD: HEX; GRADE: 10.9; MATERIAL: HTS; THREAD: 8 TPI; THREAD LENGTH: 90 MM	EA	80	R	R
447	NUT, HEX: MATERIAL: BRS; SUPPL P/N: CR50	EA	10	R	R
448	NUT, HEX: MATERIAL: BRS; SUPPL P/N: CR33 DRIVE	EA	10	R	R
449	NUT, HEX: MATERIAL: BRS; SUPPL P/N: CR20 DRIVE	EA	250	R	R
450	NUT, HEX: MATERIAL: BRS; SUPPL P/N: CR10	EA	250	R	R
451	NUT, HEX: MATERIAL: BRS; SUPPL P/N: CR5	EA	15	R	R
452	NUT, HEX: MATERIAL: BRS; SUPPL P/N: D1000	EA	5	R	R
453	NUT, HEX: MATERIAL: BRS; SUPPL P/N: D500 A-DRIVE; ACTUATOR REVOLVING	EA	6	R	R
454	NUT, HEX: MATERIAL: BRS; SUPPL P/N: D250; ACTUATOR REVOLVING	EA	6	R	R
455	NUT, HEX: MATERIAL: BRS; SUPPL P/N: D249 A-DRIVE; ACTUATOR REVOLVING	EA	15	R	R
456	NUT, HEX: MATERIAL: BRS; SUPPL P/N: D120; ACTUATOR REVOLVING	EA	60	R	R
457	NUT, HEX: MATERIAL: BRS; SUPPL P/N: D59 A-DRIVE; ACTUATOR REVOLVING	EA	60	R	R
458	WASHER: NOMINAL SIZE: M20; INSIDE DIAMETER: 21 MM; OUTSIDE DIAMETER: 64 MM; THICKNESS: 16 MM; MATERIAL: MS; GRADE: 4.6	EA	250	R	R
459	WASHER: NOMINAL SIZE: 3/4 IN; INSIDE DIAMETER: 28 MM; OUTSIDE DIAMETER: 65 MM; THICKNESS: 17 MM; MATERIAL: MS; GRADE: 4.6; DRAWING NO: SG - WASHER REV 1	EA	300	R	R
460	BOLT, MACHINE: DIAMETER: M12; LENGTH: 210 MM; HEAD: HEX; MATERIAL: MS; THREAD LENGTH: 50 MM	EA	100	R	R
461	BOLT, MACHINE: DIAMETER: M12; LENGTH: 150 MM; HEAD: HEX; MATERIAL: MS; THREAD LENGTH: 50 MM	EA	80	R	R

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462	WASHER: TYPE: NORDLOCK; NOMINAL SIZE: M12; INSIDE DIAMETER: 13 MM; OUTSIDE DIAMETER: 19.5 MM; THICKNESS: 2.6 MM; WASHERS TO BE CADMIUM COATED, FD FAN BLADE BEARING CARTRIDGE SHAFT, ITEMS TO BE PACKED IN QUANTITIES OF 20 PER PACKET, PACKAGE TO B E MARKED WITH ESKOM STOCK NUMBER AND DESCRIPTION	EA	5	R	R
463	WASHER, LOCK: INSIDE DIAMETER: 44 MM; OUTSIDE DIAMETER: 64 MM; THICKNESS: 1 MM; NOMINAL SIZE: M40; MATERIAL: SS; TYPE: FLAT; GRADE: 4.6; SUPPL P/N: 50567-000-01; APPLICATION: FEED WATER REGULATION AND SPRAY WATER CONTROL VALVE	EA	5	R	R
464	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 200 MM; MATERIAL: SS GR 316	EA	250	R	R
465	BOLT, ASSEMBLY: TYPE: AIR HEATER COUPLING; NOMINAL DIAMETER: M22; LENGTH: 90 MM; HEAD: HEX; GRADE: 10.9; MATERIAL: EN19T; THREAD LENGTH: 40 MM; THREAD: METRIC; NUT QUANTITY: 1; NUT MATERIAL: NYLOCK; NUT GRADE: 4.6; DRAWING NO: P3-806-007883 REV 0; APPLICATION: MAINLY USED TO JOIN COUPLING ON AIRHEATERS; THIS ITEM SHOULD ALSO COME WITH A SPACER; SPACE SIZE: ID 23 X OD 36 X THK 5 MM; SPACER MATERIAL: MS; THE BOLT MUST BE HARD STAMPED	EA	1000	R	R
466	NUT, CAP: DIAMETER: 2-1/4 IN; HEIGHT: 92 MM; MATERIAL: SS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
467	NUT, COUPLING: DIAMETER: 2-1/4 IN; HEIGHT: 145 MM; MATERIAL: SS	EA	5	R	R
468	NUT, LOCK: DIAMETER: 2-1/4 IN; MATERIAL: SS; NUT HEIGHT: 40 MM	EA	5	R	R
469	NUT, HEX: DIAMETER: 1/2 IN; THREAD: BSF; MATERIAL: MS	EA	150	R	R
470	NUT, LOCK: DIAMETER: 5/16 IN; LOCKING METHOD: NYLOCK; THREAD: BSF; MATERIAL: GALV	EA	1000	R	R
471	WASHER, BEVEL: NOMINAL SIZE: 5/8 IN; MATERIAL: SS GR 310	EA	6000	R	R
472	WASHER, BEVEL: NOMINAL SIZE: 3/4 IN; MATERIAL: SS GR 310	EA	600	R	R
473	WASHER, BEVEL: NOMINAL SIZE: 1/2 IN; MATERIAL: SS GR 310	EA	2000	R	R
474	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 45 MM; HEAD: HEX; MATERIAL: MS; THREAD: BSF	EA	250	R	R
475	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 50 MM; HEAD: HEX; MATERIAL: MS; THREAD: BSF	EA	600	R	R
476	BOLT, MACHINE: DIAMETER: 1/2 IN; LENGTH: 60 MM; HEAD: HEX; MATERIAL: MS; THREAD: BSF	EA	100	R	R
477	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 70 MM; HEAD: HEX; MATERIAL: MS; THREAD: BSF	EA	5	R	R
478	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 75 MM; HEAD: HEX; MATERIAL: MS	EA	5	R	R
479	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 80 MM; HEAD: HEX; MATERIAL: MS; THREAD: BSF	EA	100	R	R
480	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 40 MM; HEAD: HEX; MATERIAL: MS; THREAD: BSF	EA	200	R	R
481	NUT, LOCK: DIAMETER: 305 MM; THREAD: BSW; MATERIAL: SS GR 316; NUT HEIGHT: 32 MM; TYPE: SLEEVE GLANDS; APPLICATION: RAW COOLING WATER PUMP 66IN; OD 343MM; FOR SLEEVE GLANDS	EA	50	R	R

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482	NUT, LOCK: DIAMETER: 273 MM; THREAD: BSW; MATERIAL: EN8; NUT HEIGHT: 38 MM; MANUF P/N: 64212403LZ; APPLICATION: RAW COOLING WATER PUMP 66IN; OD 356MM; FOR BOTTOM JOURNAL	EA	50	R	R
483	NUT, LOCK: DIAMETER: 229 MM; THREAD: BSW; MATERIAL: EN8; NUT HEIGHT: 37 MM; MANUF P/N: 64212402LZ; APPLICATION: RAW COOLING WATER PUMP 66IN; OD 316MM; FOR TOP JOURNAL	EA	50	R	R
484	NUT, HEX: DIAMETER: 3/4 IN; THREAD: BSF; NUT HEIGHT: 15 MM; MATERIAL: HTS; GRADE: 8.8; APPLICATION: BOILER STEAM FEED PUMP TURBINE	EA	1500	R	R
485	NUT, HEX: DIAMETER: 7/8 IN; THREAD: BSF; NUT HEIGHT: 13.5 MM; MATERIAL: HTS; GRADE: 8.8; APPLICATION: BOILER STEAM FEED PUMP TURBINE	EA	400	R	R
486	NUT, HEX: DIAMETER: 7/8 IN; THREAD: BSF; NUT HEIGHT: 14 MM; MATERIAL: HTS; APPLICATION: BOILER STEAM FEED PUMP TURBINE	EA	200	R	R
487	BOLT: TYPE: OUTBOARD STALK; DRAWING NO: SL23091.23 REV 0	EA	50	R	R
488	WASHER: TYPE: CRINKLE; NOMINAL SIZE: 3/8 IN; MATERIAL: CU BERYLLIUM; DRAWING NO: SL23300.102 REV 0; USED FOR CLAMPS	EA	5	R	R
489	BOLT: TYPE: INBOARD STALK; DRAWING NO: SL23091.17 REV 0	EA	50	R	R
490	NUT: TYPE: REVOLVING; DIAMETER: M30; THREAD: RH 9.80 MM; APPLICATION: T1 ACTUATOR; MANUF P/N: DMC-249B3; KEYWAY SIZE ON INSIDE FIT 8.15MM AND 4MM	EA	5	R	R
491	WASHER, LOCK: OUTSIDE DIAMETER: 192 MM; THICKNESS: 2 MM; NOMINAL SIZE: 140 MM; MATERIAL: STL; GRADE: MBL28	EA	5	R	R
492	NUT, HEX: DIAMETER: 1/4 IN; THREAD: 10 MM; NUT HEIGHT: 11 MM; MATERIAL: COPPER	EA	300	R	R
493	WASHER, FLAT: NOMINAL SIZE: M8; INSIDE DIAMETER: 8.5 MM; OUTER SIZE: 16 MM; THICKNESS: 1 MM; MATERIAL: SS GR 316; PERIPHERAL SHAPE STYLE: ROUND	KG	300	R	R
494	BOLT, ASSEMBLY: NOMINAL DIAMETER: M8; LENGTH: 30 MM; HEAD: HEX; MATERIAL: SS GR 316; NUT QUANTITY: 1; NUT MATERIAL: SS GR 316	KG	600	R	R
495	BOLT, U: NOMINAL SIZE: 323.9 MM; DIAMETER: M16; LOAD RATING: 695 KG; INSIDE LENGTH: 380 MM; THREAD LENGTH: 80 MM; THREAD: 1.5 MM; MATERIAL: STL; INSIDE WIDTH: 353 MM; PIPE NOMINAL BORE IS 300MM	EA	600	R	R
496	WASHER, FLAT: NOMINAL SIZE: M42; INSIDE DIAMETER: 45 MM; OUTER SIZE: 75 MM; THICKNESS: 6 MM; MATERIAL: BRS; PERIPHERAL SHAPE STYLE: ROUND	KG	200	R	R
497	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 70 MM; HEAD: HEX; GRADE: 4.8; MATERIAL: SS; THREAD LENGTH: 68 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: SS; SPECIAL FEATURES: 2 X FLAT WASHERS ID 18 MM; SS	KG	300	R	R
498	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 70 MM; HEAD: HEX; GRADE: EN9; MATERIAL: CS; THREAD LENGTH: 68 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: CS; SPECIAL FEATURES: 2 X FLAT WASHERS ID 18 MM; CS	KG	300	R	R
499	NUT: TYPE: RD; DIAMETER: 4-5/16 IN; THREAD: 2-1/2- BSF; MATERIAL: RESISTANCE STL; APPLICATION: TURBINE CASING; DRAWING NO: 2041-1297-025 REV 0; 6TPI	EA	5	R	R

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500	NUT: TYPE: RD; DIAMETER: 3-1/2 IN; THREAD: 2-BSF; MATERIAL: RESISTANCE STL; APPLICATION: TURBINE CASING; DRAWING NO: 20AL1297-027 REV 0	EA	5	R	R
501	NUT, CAP: DIAMETER: 3-1/8 IN; THREAD: 2-BSF; HEIGHT: 4-63/1000 IN; MATERIAL: RESISTANCE STL; DRAWING NO: 20AL1297.026 REV 0; NUT FOR TURBINE CASING VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
502	NUT, CAP: DIAMETER: 3-813/1000 IN; THREAD: 2-1/2-BSF; HEIGHT: 5 IN; MATERIAL: RESISTANCE STL; DRAWING NO: 20AL1297.024 REV 0; FOR TURBINE CASING; 6TPIVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	5	R	R
503	WASHER: TYPE: TRANSITION; NOMINAL SIZE: M16; INSIDE DIAMETER: 16 MM; OUTSIDE DIAMETER: 34 MM; THICKNESS: 3.4 MM; MATERIAL: AL ALLOY; SPECIFICATION: BS 2874 CZ121; SUPPL P/N: TW1/5	EA	150	R	R
504	NUT: TYPE: HEX; DIAMETER: 1-1/2 IN; THREAD: 1-1/2-BSF; MATERIAL: CS; SUPPL P/N: 20AL1297.028; TURBINE CASING	EA	80	R	R
505	DRIVER, NUT: SIZE: ID 24 X OD 30 MM; LENGTH: 70 MM; SHAFT: SOLID; HANDLE: STEEL; MANUF P/N: 45074EAA1352EAEA; SPINDLE NUT FOR FFP HYDROVAC SQUARE VALVE; WD 29 MM X HT 46 MM; THREADED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	160	R	R
506	BOLT, U: NOMINAL SIZE: 34 MM; DIAMETER: 8 MM; LOAD RATING: 1.3 KNM; INSIDE LENGTH: 68 MM; THREAD LENGTH: 30 MM; THREAD: LH; MATERIAL: STL; INSIDE WIDTH: 36 MM	EA	80	R	R
507	BOLT, U: NOMINAL SIZE: 60 MM; DIAMETER: 8 MM; LOAD RATING: 1.3 KNM; INSIDE LENGTH: 93 MM; THREAD LENGTH: 30 MM; THREAD: LH; MATERIAL: STL; INSIDE WIDTH: 63 MM	EA	100	R	R
508	BOLT, U: NOMINAL SIZE: 21 MM; DIAMETER: 8 MM; LOAD RATING: 1.3 KNM; INSIDE LENGTH: 52.5 MM; THREAD LENGTH: 25 MM; THREAD: LH; MATERIAL: STL; INSIDE WIDTH: 22 MM	EA	200	R	R
509	NUT, LOCK: DIAMETER: 12.5 IN; LOCKING METHOD: SELF LOCKING; THREAD: BSF; MATERIAL: STL; TYPE: LOCKING; REFERENCE NO: 24AL1115.005	EA	10	R	R
510	BOLT: TYPE: HOLDING; DIAMETER: 2-1/4 IN; LENGTH: 8 IN; HEAD: HEX; MATERIAL: MILD STEEL; SUPPLIER ARE REQUESTED TO COME ON SITE TO VERIFY SPECIFICATION	KG	200	R	R
511	NUT: TYPE: HOLD-DOWN; DIAMETER: 1-1/2 IN; THREAD: BSW; MATERIAL: MILD STEEL; SUPPLIER ARE REQUESTED TO COME ON SITE TO VERIFY SPECIFICATION	KG	100	R	R
512	WASHER, FLAT: NOMINAL SIZE: 26 MM; INSIDE DIAMETER: 26 MM; OUTER SIZE: 40 MM; THICKNESS: 5 MM; MATERIAL: COPPER; PERIPHERAL SHAPE STYLE: ROUND	EA	5	R	R
513	WASHER, FLAT: NOMINAL SIZE: 30 MM; INSIDE DIAMETER: 30 MM; OUTER SIZE: 45 MM; THICKNESS: 5 MM; MATERIAL: COPPER; PERIPHERAL SHAPE STYLE: ROUND	EA	5	R	R
514	NUT, HEX: DIAMETER: 78 MM; THREAD: PILOT HOLE; NUT HEIGHT: 80 MM; MATERIAL: AL BRZ; GRADE: AB2	EA	50	R	R

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515	WASHER, FLAT: NOMINAL SIZE: M12; INSIDE DIAMETER: 1.5 MM; OUTER SIZE: 2.5 MM; THICKNESS: 2 MM; MATERIAL: SS; PERIPHERAL SHAPE STYLE: ROUND	KG	20	R	R
516	NUT: TYPE: VALVE; DIAMETER: ID 58.3 X OD 76.1 X THK 21.2 MM; THREAD: 14TPI; MATERIAL: SS; MANUF P/N: Y30041418 35185-436; DRAWING NO: F5128/5#36 REV 0	EA	5	R	R
517	NUT: TYPE: VALVE; DIAMETER: 2 IN; THREAD: RH; MATERIAL: STL; SPECIFICATION: HOPKINSONS 7020; SPECIFICATION: Y30041418	EA	50	R	R
518	WASHER, FLAT: NOMINAL SIZE: M16; INSIDE DIAMETER: 16 MM; OUTER SIZE: 30 MM; THICKNESS: 2 MM; MATERIAL: SS; PERIPHERAL SHAPE STYLE: ROUND	EA	300	R	R
519	DRIVER, NUT: SIZE: 68 MM; LENGTH: 70 MM; SHAFT: SOLID; HANDLE: SS; MATERIAL: AB2 / ALUMINIUM BRONZE; WIDTH: 68 MM; HIGHT: 70 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	80	R	R
520	NUT, HEX: DIAMETER: 25.5 MM; THREAD: CLOCKWISE DIRECTION; NUT HEIGHT: 9.6 MM; MATERIAL: NYLON 66; GRADE: HT; OEM P/N: 3837 SL23300.171	EA	5	R	R
521	WASHER, FLAT: NOMINAL SIZE: M24; INSIDE DIAMETER: 25.4 MM; OUTER SIZE: 50 MM; THICKNESS: 3 MM; MATERIAL: SPRING-SS; PERIPHERAL SHAPE STYLE: ROUND; 3.1 MATERIAL CERTIFICATE TO BE SUPPLIED	EA	5	R	R
522	BOLT: TYPE: FLANGE; DIAMETER: M24; LENGTH: 130 MM; HEAD: HEXAGON; GRADE: EN 10269; MATERIAL: 25CRMO4; THREAD: METRIC; 3.1 MATERIAL CERTIFICATE TO BE SUPPLIED	EA	5	R	R
523	NUT, HEX: DIAMETER: M24; THREAD: METRIC; NUT HEIGHT: 17 MM; MATERIAL: 25CRMO4; GRADE: A2-50; SPECIFICATION: EN 3506-1; 3.1 MATERIAL CERTIFICATE TO BE SUPPLIED	EA	5	R	R
524	SCREW CAP:M20;LG 70 MM;2.5 MM;HEX;STL	EA	100	R	R
525	BOLT MACH:M16;LG 100 MM;HEX;8.8;HTS;2 MM	EA	300	R	R
526	BOLT ASSY:GP;M16;LG 45 MM;HEX;MS;25 MM	Kg	1600	R	R
527	NUT HEX:M30;3.5 MM;24 MM;MS BLACK;4.6	Kg	350	R	R
528	ROD THRDD:30 MM;3.5 MM;LG 1 M;HTS	EA	110	R	R
529	BOLT U:323.9 MM;M16;695 KG;380 MM;80 MM	EA	400	R	R
530	BOLT MACH:M16;LG 40 MM;HEX;316;SS;2 MM	EA	400	R	R
531	BOLT ASSY:GP;M16;LG 70 MM;HEX;4.8;SS;1	Kg	120	R	R
532	BOLT ASSY:MP;M8;LG 50 MM;HEX;8.8;HTS;1	EA	600	R	R
533	BOLT ASSY:M8;LG 75 MM;HEX;8.8;HTS;1	EA	65	R	R
534	BOLT MACH:M10;LG 40 MM;HEX;8.8;HTS;HEX	EA	400	R	R
535	BOLT ASSY:M12;LG 45 MM;HEX;MS;1.75 MM;1	Kg	450	R	R
536	BOLT ASSY:GP;M16;LG 40 MM;HEX;4.6;MS;1	Kg	700	R	R
537	BOLT ASSY:GP;M16;LG 45 MM;HEX;MS;25 MM	Kg	1000	R	R
538	BOLT MACH:M16;LG 65 MM;HEX;8.8;HTS;2 MM	EA	15	R	R
539	BOLT ASSY:MP;M16;LG 65 MM;HEX;8.8;HTS	EA	8000	R	R
540	BOLT ASSY:M16;LG 90 MM;HEX;8.8;HTS;2 MM	EA	1800	R	R
541	BOLT ASSY:GP;M16;LG 100 MM;HEX;4.6;MS	Kg	1600	R	R
542	BOLT ASSY:M16;LG 115 MM;HEX;MS;2 MM;1	Kg	700	R	R
543	BOLT ASSY:16 MM;LG 115 MM;HEX;8.8;HTS	EA	500	R	R
544	BOLT MACH:M16;LG 120 MM;HEX;8.8;HTS	EA	400	R	R
545	BOLT ASSY:GP;M16;LG 125 MM;HEX;4.6;MS	Kg	100	R	R
546	BOLT ASSY:GP;M20;LG 75 MM;HEX;4.6;MS;1	Kg	10000	R	R
547	BOLT ASSY:GP;M20;LG 90 MM;HEX;8.8;HTS	EA	1400	R	R
548	BOLT ASSY:GP;M20;LG 100 MM;HEX;4.6;MS	Kg	3500	R	R
549	BOLT ASSY:GP;M20;LG 100 MM;HEX;8.8;HTS	EA	1100	R	R
550	BOLT MACH:M20;LG 115 MM;HEX;8.8;HTS	EA	1500	R	R
551	BOLT MACH:M20;LG 110 MM;HEX;8.8;MS	EA	120	R	R
552	BOLT MACH:M20;LG 120 MM;HEX;4.8;STL;2 MM	EA	500	R	R

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553	BOLT ASSY:GP;M20;LG 125 MM;HEX;4.6;M	Kg	225	R	R
554	BOLT ASSY:GP;M20;LG 200 MM;HEX;4.6;MS	Kg	150	R	R
555	BOLT ASSY:GP;M24;LG 75 MM;HEX;4.6;MS;1	Kg	120	R	R
556	BOLT ASSY:M24;LG 75 MM;HEX;8.8;HTS;3 MM	EA	650	R	R
557	BOLT MACH:M24;LG 90 MM;HEX;8.8;HTS	EA	950	R	R
558	BOLT ASSY:GP;M24;LG 100 MM;HEX;4.6;MS	Kg	1000	R	R
559	BOLT MACH:M24;LG 100 MM;HEX;8.8;HTS;3 MM	EA	1500	R	R
560	NUT HEX:M10;1.5 MM;8 MM;HTS;8.8	EA	2000	R	R
561	NUT HEX:M16;2 MM;13 MM;MS BLACK;4.6	Kg	400	R	R
562	BOLT ASSY:GP;M20;LG 100 MM;HEX;8.8;HTS	EA	1500	R	R
563	NUT HEX:M20;2.5 MM;30 MM;MS;8.8	EA	3600	R	R
564	NUT HEX:M20;2.5 MM;17 MM;HTS;8.8	EA	1200	R	R
565	NUT HEX:M24;3 MM;30 MM;MS;8.8	EA	700	R	R
566	NUT HEX:M36;4 MM;070M20	EA	600	R	R
567	WASHER FLAT:M10;ID 12 MM;21 MM;THK 2 MM	EA	450	R	R
568	WASHER FLAT:M16;ID 18 MM;30 MM;THK 3 MM	EA	500	R	R
569	WASHER FLAT:M16;ID 18 MM;31 MM;THK 2 MM	EA	8200	R	R
570	WASHER FLAT:M20;ID 20.4 MM;39 MM	EA	2500	R	R
571	WASHER FLAT:M24;ID 25 MM;40 MM;THK 4 MM	EA	400	R	R
572	WASHER FLAT:M20;ID 21 MM;37 MM;THK 3 MM	Kg	500	R	R
573	BOLT MACH:1-1/4 IN;LG 4 IN;HEX;10.9;STL	EA	30	R	R
Total Amount					R

Supply and Delivery of Bolts and Nuts for a period of 60 Months at Camden Power Station - Bills of Quantities

FINAL SUMMARY

SECTION	DESCRIPTION	AMOUNT
1	Preliminaries and General	R
2	Bolts and Nuts BOQ	R
SUB TOTAL		R
VAT @ 15%		R
TOTAL BID PRICE (VAT INCL) TRANSFERRED TO FORM OF OFFER AND ACCEPTANCE		R