



Scope

Engineering

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## 1. INTRODUCTION

The proposed scope of work is for the supply and delivery of various spares for a short term period at Kriel Power Station Main Stores.

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

The scope of the document defines the scope of work for the supply of outage spares (Plates, Bearings, Pumps, Seals, Tubes, Valves, Various Consumables, Bolts and Nuts, Electrical, and C&I etc) for Kriel Power Station Stores.

#### 2.1.1 Works Information

The contractor is expected to supply the items listed in Tables 1 below in correct specifications and quantities within the lead times as stated by Eskom (before or on placement of an order).

Table 1: Scoped items to be supplied

NO	STOCK NUMBER	LONG TEXT	UNIT OF MEASURE	Qty
1	656	PLUG, PIPE: SIZE: 25 MM; HEAD: SQ; CONNECTION: THD; MATERIAL: STL GALV; SPECIFICATION: SABS 509-1955 TABLE 15; BS 143:1952	EA	32
2	16216	GREASE, INDUSTRIAL: TYPE: SILICON; CONTAINER: CAN 5 KG; WITH SILICA ADDED, REQUIRED A MATERIAL SAFETY DATA SHEETS THAT COMPLIES WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT'S REGULATIONS TO BE SUPPLIED, NO SUBSTANCES AND/OR INGREDIENTS THAT FALL UNDER TABLE 1 CATAGORY WILL BE USED, ANY CHEMICAL FALLING UNDER TABLE 3 OF THE SAME REGULATIONS SHALL NOT BE USED, SHALL BE BIODEGRADABLE AND OZONE FRIENDLY, COPY OF MSDS TO BE SENT TO MEDICAL CENTRE AND SAFETY RISK	KG	20
3	16814	CLOTH: TYPE: CLEANING; MATERIAL: COTTON; GRADE:QT, STERILIZED, CLEAN SCOURED, LIGHT AND MEDIUM COLOURED GRADE, PACKED IN 5KG BALES; SIZE: IRREGULAR	KG	400
4	16853	TAPE, THREAD: TYPE: SEALING; WIDTH: 10 MM; MATERIAL: PTFE; COLOR: WHITE; REFERENCE NO: PTFE; WITHOUT DISPENSER; THK 0.075 MM	EA	5
5	17082	BAR, FLAT: WIDTH: 50 MM; LENGTH: 6 M; THICKNESS: 6 MM; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 2.36 KG/M; 14.16 KG/LENGTH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	KG	282

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6	17090	BAR, FLAT: WIDTH: 25 MM; LENGTH: 6 M; THICKNESS: 12 MM; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 2.36 KG/M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	KG	850
7	17093	BAR, FLAT: WIDTH: 50 MM; LENGTH: 6 M; THICKNESS: 12 MM; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 4.71 KG/M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)	KG	338
8	17100	BAR, ROUND: NOMINAL DIAMETER: 10 MM; LENGTH: 6 M; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 0.62 KG/M; 3.72 KG/LENGTH	KG	74.4
9	17102	BAR, ROUND: NOMINAL DIAMETER: 16 MM; LENGTH: 6 M; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 1.58 KG/M	KG	380
10	17103	BAR, ROUND: NOMINAL DIAMETER: 20 MM; LENGTH: 6 M; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 2.47 KG/M; (DSG-310-048; Q2:2:1:NEV)	KG	30
11	17110	BAR, FLAT: WIDTH: 80 MM; LENGTH: 6 M; THICKNESS: 10 MM; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 6.26 KG/M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	KG	750
12	17115	BAR, FLAT: WIDTH: 100 MM; LENGTH: 6 M; THICKNESS: 16 MM; MATERIAL: MS BS 4360-1986; PROCESS: HOT ROLLED; GRADE: 43A; WEIGHT: 12.56 KG/M; 12.6KG/M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	KG	3024
13	17116	BAR, FLAT: WIDTH: 20 MM; LENGTH: 6 M; THICKNESS: 80 MM; MATERIAL: MS BS 4360; GRADE: EN43A; WEIGHT: 12.6 KG/M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	KG	1371
14	17117	BAR, ROUND: NOMINAL DIAMETER: 8 MM; LENGTH: 6 M; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 0.39 KG/M	KG	141
15	17120	BAR, FLAT: WIDTH: 50 MM; LENGTH: 6 M; THICKNESS: 10 MM; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: 43A; WEIGHT: 4.03 KG/M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	KG	772

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16	17134	BAR, SQUARE: WIDTH: 16 MM; LENGTH: 6 M; MATERIAL: MS BS 4360; PROCESS: HOT ROLLED; GRADE: EN43A; WEIGHT: 2.01 KG/M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	kg	241.2
17	17140	PLATE, METAL: DIMENSIONS: WD 1.2 M X LG 2.5 M X THK 6 MM; MATERIAL: CS; WEIGHT: 148.64 KG; PROCESS: HOT ROLLED; GRADE: 4.6; CHEQUER, RAISED FIGURE TYPE, FLAT BACK, 49.55 KG/METER SQUARE	KG	2972
18	17142	PLATE, METAL: DIMENSIONS: WD 1.2 M X LG 2.5 M X THK 8 MM; MATERIAL: MS BS 4360, SABS 1431; WEIGHT: 188.4 KG; PROCESS: HOT ROLLED; GRADE: 300WA EN43A	KG	2260
19	17144	PLATE, METAL: MATERIAL: MS BS 4360; GRADE: EN43A; PROCESS: HOT ROLLED; WEIGHT: 471 KG; DIMENSIONS: WD 1.2 M X LG 2.5 M X THK 20 MM	KG	564
20	17145	SHEET, METAL: WIDTH: 1.225 M; LENGTH: 2.45 M; THICKNESS: 3 MM; MATERIAL: MS GR EN43A; FABRICATION METHOD: HOT ROLLED; SPECIFICATION: BS 4360; 1 EACH= 72.38 KG	KG	2894
21	17148	PLATE, METAL: MATERIAL: MS SABS 1431; GRADE: 300WA EN43A; PROCESS: HOT ROLLED; WEIGHT: 376.8 KG; DIMENSIONS: WD 1.2 M X LG 2.5 M X THK 16 MM	KG	2972
22	17152	SHEET, METAL: WIDTH: 1.2 M; LENGTH: 2.5 M; THICKNESS: 2 MM; MATERIAL: 080M50 GR EN43A; FABRICATION METHOD: HOT ROLLED; SPECIFICATION: BS 4360; 48.25KG	KG	579
23	17174	ANGLE, STRUCTURAL: LEG LENGTH: 40 MM; MATERIAL THICKNESS: 6 MM; LENGTH: 6 M; MATERIAL: MS; PROCESS: HOT ROLLED; WEIGHT: 3.52 KG/M; SPECIFICATION: BS 4360; GRADE: EN43A; 21.12 KG/LENGTH	KG	3704
24	17175	ANGLE, STRUCTURAL: LEG LENGTH: 50 MM; MATERIAL THICKNESS: 6 MM; LENGTH: 6 M; MATERIAL: MS; PROCESS: HOT ROLLED; WEIGHT: 4.47 KG/M; SPECIFICATION: SABS 1431; GRADE: 300WA EN43A; 26.82 KG/LENGTH	KG	3218
25	17182	ANGLE, STRUCTURAL: LEG LENGTH: 76 X 50 MM; MATERIAL THICKNESS: 6 MM; LENGTH: 6 M; MATERIAL: MS; PROCESS: HOT ROLLED; WEIGHT: 5.65 KG/M; SPECIFICATION: BS 4360; GRADE: EN43A; 33.9KG/LENGTH	KG	1017
26	18145	INSERT, FLEXIBLE COUPLING: TYPE: TIRE; SIZE: ID 150 X OD 230 X THK 85 MM; MATERIAL: RUBBER; SUPPL P/N: F90;	EA	6

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27	18635	PUMP, ROTARY: TYPE: POWER OIL; CAPACITY: 310 L/MIN; SPEED: 2900 RPM; RATING: 40 BAR; DRIVER: ELECTRIC MOTOR 25 KW; RAPID ALLWEILER SCREW PUMP, MODEL SNE 210-R40, VILOSITY 35MM2/S, TURBINE OIL AT 45DEG C, ASSEMBLY CONSIST OF: INSERT PART NO 2, DRIVE END COVER PART NO 3, DEEP GROOVE BEARING PART NO34, STUFFING BOX PART NO 5, TWO AUXILIARY SCREWS PART NO 13, MAIN SCREW PART NO 12, BALANCE BUSH FOR AUXILIARY SCREW PART NO 8, AND MECHANICAL SEAL TO FIT STUFFING BOX. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	4
28	19843	PACKING, PREFORMED: INSIDE DIAMETER: 110 MM; OUTSIDE DIAMETER: 130 MM; THICKNESS: 10 MM; MATERIAL: GRAPHITE; DRAWING NO: A50300-202 REV 1; SEAL, SQUARE PROFILE, FOR MAIN FEED WATER BYPASS REGULATING VALVE; NOTE - ITEM MUST BE PROTECTIVE PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
29	20542	RING: RING: TYPE: FLOATING; INSIDE DIAMETER: 495 MM; OUTSIDE DIAMETER: 553 MM; MATERIAL: BRASS; DRAWING NO: HTGD 90222 REV 1; BBT HTGD 90222 POS 52 AND 53 REV 1; NOTE: FLOATING RING MUST BE SUPPLIED UNDER SIZE ON ID TO 495 MM; CENTRE FRONT; FOR THRUST BEARING	EA	20
30	22622	PLATE: TYPE: DIAPHRAGM; DIMENSIONS: SQ 1.2 M X THK 1 MM; MATERIAL: LEAD; FOR BBC 500 MW TURBINE RUPTURE DIAPHRAGM; SUPPLIER NOTE EACH ITEM MUST BE PROTECTIVE PACKED BETWEEN TWO 3MM POLYSTYRENE SHEETS. IF NOT DONE AS REQUESTED THE ITEM WILL NOT BE ACCEPTED AND SEND BACK FOR YOUR COSTS	EA	24
31	22754	NOZZLE: TYPE: AIR EJECTOR; SIZE: 60 MM; CONNECTION: NPT; MATERIAL: BRASS; REFERENCE NO: 405; FOR CONDENSER AND AIR EXTRACTION APPARATUS BOILER FEED PUMP. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	40
32	25006	BREATHING: TYPE: FILTER; MATERIAL: STL; CONNECTION: 26 MM FNPT; SUPPL P/N: FH2615; COMPLETE WITH ELEMENT, NOTE - ITEM MUST BE PROTECTIVE PACKED AND SEALED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	7

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33	25344	ELEMENT: DIMENSIONS: ID 110 X OD 175 X THK 30 MM; MATERIAL: RUBBER; TYPE: FLEXIBLE COUPLING; REFERENCE NO: 50WA11; FLEXIBLE; FOR USE ON TORUS COUPLING. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	4
34	25365	COUPLING, SHAFT FLEXIBLE: MATERIAL: RUBBER/STL; SUPPL P/N: F80; UNBORED; COMPRISING OF, 1 HUB, 2 CLAMP RINGS, 1 FLEX ELEMENT, 1 SET FASTENERS, NOTE: ITEM MUST BE PROPER MARKED AND ORIGINAL PACKED; LG: 43MM; OD: 165MM;	EA	6
35	25422	COUPLING, SHAFT FLEXIBLE: MATERIAL: STL; SUPPL P/N: E82-540404300; REFERENCE NO: E67-10-603647060; COMPLETE WITH N-MEX FLEX RING; FOR DRYDUST PLANT; LG: 80MM; OD: 80MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	6
36	29675	JOINT, BALL: SIZE: 29 MM; CONNECTION: 90 DEG; MATERIAL: STL; STRAIGHT THD; LINK FOR LEWA VS3-G500 ACTUATOR	EA	8
37	29830	BEARING, BALL: TYPE: CONRAD; STYLE: OPEN; INSIDE DIAMETER: 50 MM; OUTSIDE DIAMETER: 130 MM; WIDTH: 31 MM; ROW: SINGLE; SUPPL P/N: 6410; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
38	29840	BEARING, BALL: TYPE: CONRAD; STYLE: OPEN; INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 90 MM; WIDTH: 23 MM; ROW: SINGLE; SUPPL P/N: 6308; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
39	29960	BEARING, BALL: TYPE: CONRAD; STYLE: SHIELD; INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 90 MM; WIDTH: 23 MM; ROW: SINGLE; SUPPL P/N: 6308Z; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
40	30112	BEARING, THRUST: ROLLING ELEMENT: BALL; INSIDE DIAMETER: 60 MM; OUTSIDE DIAMETER: 110 MM; WIDTH: 35 MM; STYLE: DOUBLE SHIELD; MODEL NO: 51312; NOTE - ITEM MUST BE ORIGINAL PACKED; ROW SINGLE DIRECTION	EA	8

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41	30268	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 55 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 29 MM; ROW: SINGLE; SUPPL P/N: 6311; ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2
42	30303	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 60 MM; LENGTH: 50 MM; MATERIAL: STL; SUPPL P/N: H313; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; OD 65MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	72
43	30326	BEARING, ROLLER: TYPE: CYLINDRICAL; INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 72 MM; WIDTH: 19 MM; ROW: SINGLE; SUPPL P/N: NU306; NOTE - ITEM MUST BE ORIGINAL PACKED	EA	8
44	30388	BEARING, BALL: TYPE: CONRAD; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 72 MM; WIDTH: 19 MM; ROW: SINGLE; SUPPL P/N: 6306Z; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
45	30489	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 72 MM; WIDTH: 19 MM; ROW: SINGLE; SUPPL P/N: 6306-2Z; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
46	30610	BEARING, ROLLER: TYPE: STRAIGHT; INSIDE DIAMETER: 50 MM; OUTSIDE DIAMETER: 82 MM; WIDTH: 21.5 MM; ROW: SINGLE; BORE SHAPE: TAPER; MODEL NO: JLM104948; COMPLETE, NOTE - ITEM MUST BE ORIGINAL PACKED	EA	6
47	31315	BEARING, SLEEVE: TYPE: JOURNAL; INSIDE DIAMETER: 52 MM; OUTSIDE DIAMETER: 195 MM; LENGTH: 125 MM; MATERIAL: STL; DRAWING NO: THGR 204400 POS 442 REV 1; THGR 204400 REV 1; FOR HP CONTROL VALVE	EA	8
48	32322	HOUSING, BEARING UNIT: MATERIAL: CI; SUPPL P/N: AZ30; REFERENCE NO: 204150205001; COMPLETE, FOR SULZER PUMP TYPE AZ50-200; USED AS AUXILIARY WATER EJECTOR PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
49	32323	BRACKET: TYPE: BEARING SUPPORT; SUPPL P/N: 204150325001; FOR MAIN WATER EJECTOR PUMP, SULZER TYPE AZ100-200, NOTE! ITEM MUST BE PROTECTIVE PACKED AND MARKED	EA	4

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50	32620	BEARING, BALL: TYPE: CONRAD; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 55 MM; OUTSIDE DIAMETER: 90 MM; WIDTH: 18 MM; ROW: SINGLE; SUPPL P/N: 6011-2RSC3; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2
51	33303	SLEEVE: TYPE: EXPANDING; DIMENSIONS: ID 42.4 X OD 63 X LG 54.5 MM; MATERIAL: STEEL; APPLICATION: COUPLING; OEM P/N: TGD432633P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGR307000/203C REV 0; HTGR204400/482 REV 1; HTGR204194/943B REV 0; SIZE:- 42.4MM; IP/HP GOVERNOR STUDS AND BOLTS	EA	64
52	43449	CASING, PUMP: PUMP SIZE: 100 MM; MATERIAL: CI; DRAWING NO: HTGR 90058/800A REV 1; MODEL NO: HAJ5 200; FOR HP EMERGENCY STOP VALVE SERVO MOTOR 2301 A-D; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
53	43451	SPACER: TYPE: RING; DIMENSIONS: ID 64 X OD 78 X THK 1 MM; MATERIAL: STL; APPLICATION: HP EMERGENCY STOP VALVE; DRAWING NO: HTGR 90058/823B REV 1; MODEL NO: HAJ5 200; FOR SERVO MOTOR 2301 A-D	EA	176
54	44446	DISC, VALVE: MATERIAL: STL; DIMENSIONS: ID 125 X OD 313 X THK 70 MM; DRAWING NO: BBT TGR 305551 POS 5 REV 1; REFERENCE NO: AVES 315/125; SPRING; FOR HP; IP AND LP BYPASS CONTROL; SERVOMOTORS. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
55	44448	SLEEVE, COUPLING: DRAWING NO: BBT TGR 305551 POS 14 REV 1; FOR HP, IP AND LP BYPASS CONTROL VALVE SERVOMOTORS, TYPE AVES 315/125	EA	20
56	47864	ROTOR, PUMP: REFERENCE NO: ACD 25 2 NGF; FOR H2 SEAL OIL PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	2

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57	48106	IMPELLER, PUMP: DIAMETER: 185 MM; BORE: 45 MM; INLET: SINGLE; MATERIAL: SS GR 316L; THICKNESS: 130 MM; SHAFT SIZE: DIA 25 MM; FOR TAPROGGE BALL PUMP KWPZ 65-200 L/M666, HEAD SIZE 102, 1420RPM, COM NUMBER 550 059/Z; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	2
58	48191	PUMP: CAPACITY: 450 L/MIN; SPEED: 1450 RPM; RATING: 3.7 BAR; DRIVER: MOTORIZED; REFERENCE NO: GG495RV; KULGG495RV; RATING 0.75 BAR; FOR USE ON HOWDEN PA FANS, SUPPLIER NOTE: THE ITEM MUST BE PROTECTIVE PACKED. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	6
59	50103	FILTER, OIL: TYPE: CARTRIDGE; DIMENSIONS: ID 89 X OD 152 X LG 733 MM; MATERIAL: MESH SYNTHETIC; MICRON: 5 UM; SUPPL P/N: CB 28; COALESCER, CONSTRUCTION: PLEATED PAPER CORE: COMPOSED OF CELLULOSE PAPER AND FABRIC SUPPORT, COALESCER BED: COMPOSED OF FIBREGLOSS MATS AND SUPPORTING FABRIC WITH KNITTED COTTON OUTER SOCK, IDENTIFICATION: MANUFACTURERS NAME AND PART NUMBER TO BE SILK SCREENED ON GASKET, ITEM MUST BE PROTECTIVE PACKED AND SEALED, MUST BE API AND IP APPROVED, MATERIAL CERTIFICATE TO BE SUBMITTED WITH DELIVERY, FOR COALESCER V16 AND V110	EA	20
60	50104	FILTER, OIL: TYPE: CARTRIDGE SEPARATOR; DIMENSIONS: ID 89 X OD 152 X LG 733 MM; MATERIAL: HYDROPHOBIC SYNTHETIC MEDIA; MICRON: 50 UM; SUPPL P/N: SS629FD; CONSTRUCTION A SYNTHETIC MEDIA/SS INNER CORE WIRE MESH SCREEN, IDENTIFICATION: MANUFACTURERS NAME AND PART NUMBER TO BE SILK SCREENED ON GASKET, ITEM MUST BE PROTECTIVE PACKED AND SEALED, FOR V110 COALECER, MATERIAL CERTIFICATE TO BE SUBMITTED WITH DELIVERY	EA	20

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61	50842	TIP, NOZZLE: TYPE: PF BURNER; SIZE: ID 500 X OD 740 X THK 10 MM; MATERIAL: SICRO SI23-20; DRAWING NO: F3E31665 REV 1; COMPLETE WITH 6 CENTRALISING PLATES SIZE: SQ 150MM X 10MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	80
62	52030	BOLT, ASSEMBLY: NOMINAL DIAMETER: M30; LENGTH: 85 MM; HEAD: HEX; MATERIAL: STL; THREAD: 3.5 MM; NUT QUANTITY: 1; FOR HANGERS IN BOILER, SUPPLIER NOTE! THE ITEM IS NOT ACCEPTABLE WITHOUT A MATERIAL CERTIFICATE WITH EVERY DELIVERY; SPECIFICATION: 15M03	EA	12
63	52131	INSERT: TYPE: PF DISTRIBUTION; MATERIAL: STL BENNOX; DRAWING NO: B-S 2812 REV 1; FOR BOILER BURNER INLETS; TO BRAY COOPER; FOR UNIT 1-3	EA	122
64	53442	PAD, BEARING: DIMENSIONS: WD 50 X LG 100 X THK 20 MM; MATERIAL: STL; SUPPL P/N: KVB-123-D; KVB2-123-D; SLIDING V; FOR BRANDT PRECIPITATORS V; TYPE DISCHARGE BEARING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	120
65	53915	TIP: TYPE: BURNER TUBE; DIMENSIONS: ID 386 X OD 406 X LG 460 MM; MATERIAL: SICRO 23/20; DRAWING NO: F3G29792A REV 1; STEINMULLER F3G29792A REV 1; FOR AIR CORE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
66	54221	TIP, NOZZLE: TYPE: PF BURNER; SIZE: ID 500 X OD 690 X THK 10 MM; MATERIAL: SICRO SI23-20; DRAWING NO: F3E29794 REV 1; COMPLETE WITH 6 CENTRALISING PLATES SIZE SQ 150MM X 10MM, FOR UNIT 1 - 3; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	28
67	55003	CONDUIT: TYPE: RIGID; SIZE: 50 MM; LENGTH: 6 M; MATERIAL: PVC; CONNECTION: COUPLED; CLASS D	M	24

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68	55254	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: NB 100 MM; MATERIAL: B ASTM A106; LENGTH: 6 M; WALL THICKNESS: 6.02 MM; CONSTRUCTION: SEAMLESS; MAXIMUM OPERATING PRESSURE: 2 MPA; SCHEDULE: 40; MAXIMUM OPERATING TEMP: 150 DEG C; GRADE: B; PIPE TO BE SUPPLIED WITH 3.1 CEDRTIFICATION AS EN 10204. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	ea	10
69	55581	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 40 MM; MATERIAL: CS ASTM A106; LENGTH: 6 M; WALL THICKNESS: 3.68 MM; CONSTRUCTION: SEAMLESS; END TYPE: PLAIN; SCHEDULE: 40; GRADE: B; 48.3MM OD; DUVHA REQUIRE 3.2 MATERIAL CERTIFICATE WITH EVERY DELIVERY	M	48
70	55582	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 50 MM; MATERIAL: CS ASTM A106; LENGTH: 6 M; WALL THICKNESS: 3.91 MM; CONSTRUCTION: SEAMLESS; END TYPE: PLAIN; SCHEDULE: 40; GRADE: B; 60.3MM OD	M	60
71	55583	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 80 MM; MATERIAL: CS ASTM A106; LENGTH: 6 M; WALL THICKNESS: 5.49 MM; CONSTRUCTION: SEAMLESS; END TYPE: PLAIN; SCHEDULE: 40; GRADE: B; 88.9MM OD	M	120
72	56073	PIPE, SPECIAL PURPOSE: TYPE: HANDRAIL; DIMENSIONS: ID 32 MM X LG 6.4 M X THK 2.5 MM; MATERIAL: GS SABS 763 HOT DIP; SCHEDULE: WALL THK 2.5 MM; SIZE: 34MM OD X 2,5MM WALL THICKNESS	EA	240
73	56085	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 88.9 MM; MATERIAL: STL GR B ASTM A106; LENGTH: 6 M; WALL THICKNESS: 5.49 MM; CONSTRUCTION: SEAMLESS; END TYPE: PLAIN; SCHEDULE: 40; GRADE: B; SAME AS 55583. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	200
74	56830	HOSE, FLEXIBLE METAL: HOSE SIZE: 3/8 IN; LENGTH: 1.8 M; CONNECTION TYPE: SWIVEL FNPT; MATERIAL: SS BRAIDED COIL COVERED; RATING: 135 KG/CM2; CODE 1590; FITTED BOTH ENDS WITH 108FB FEMALE FITTINGS; FOR SUPPLY AND RETURN LINES ON OIL BURNERS; TEMPERATURE RATING:100 DEG CELCIUS; INNER CORE MATERIAL 316 STAINLESS STEEL; TEMPERATURE -20 TO 700 DEG; FITTINGS MATERIAL MILD STEEL; FEMALE FITTINGS ON BOTH ENDS 108 FB	EA	40

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75	56840	HOSE ASSEMBLY, NON METALLIC: HOSE SIZE: 3/4 IN; LENGTH: 230 MM; CONNECTION 1: FBSP 90 DEG; CONNECTION 1 SIZE: 3/4 IN; CONNECTION 2: SWIVEL FBSP STRAIGHT; CONNECTION 2 SIZE: 3/4 IN; CORE MATERIAL: RUBBER; TYPE: HYDRAULIC; FLEXIBLE; WITH 3/4 INCH BSP FEMALE SWIVEL FITTINGS BOTH SIDE; FOR PA FANS DE AND NDE INLET	ea	10
76	56841	HOSE ASSEMBLY, NON METALLIC: HOSE SIZE: 1 IN; LENGTH: 720 MM; CONNECTION 1: BULLNOSE BSP; CONNECTION 2: BULLNOSE BSP; CORE MATERIAL: RUBBER; TYPE: HYDRAULIC; FLEXIBLE; 720MM LONG WITH 1 INCH BSP BULL-NOSE STRAIGHT FIX MALE FITTINGS BOTH SIDES; FOR PA FANS MECHANICAL PUMP INLET AND OUTLET. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	ea	3
77	56866	HOSE: TYPE: SPRAY WATER LP DUMPING; INSIDE DIAMETER: NB100 MM; OUTSIDE DIAMETER: 105 MM; LENGTH: 780 MM; MATERIAL: BRAIDED STAINLESS STEEL 104; COLOR: BLACK; OPERATING TEMP: 150DEG C; OPERATING PRESSURE: 60BAR; CONNECTION TYPE: FLANGE (FIXED AND LOOSE TYPE- OD235 MM X TH20MM, M20 X 8HOLES, PCD 192MM, MILD STEEL) PRESSURE TEST CERTIFICATE TO BE ISSUED ON EVERY DELIVERY; FULL QA DATA BOOK TO BE PROVIDED	EA	8
78	57075	SCREEN: TYPE: STRAINER; DIMENSIONS: ID 424 X OD 428 X LG 260 MM; MESH SIZE: 2.5; WIRE SIZE: 2.5; MATERIAL: STL; OEM P/N: HTGR411616P0002, OEM: GE STEAM POWER SERVICE; DRAWING NO: BBT HTGR204400/468 REV B; REFERENCE NO: HTGR204400; FINE MESH; FOR HP CONTROL VALVE; HP VALVE DIA 140 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
79	57101	COUPLER, HOSE: TYPE: MALE; SIZE: 12.7 MM; CONNECTION: CLAMP; MATERIAL: BRASS; SUPPL P/N: 101; NIPPLES, UN-THREADED, COMPLETE WITH NEOPRENE GASKET RING	EA	2
80	57114	ADAPTOR, PIPE: INLET SIZE: 25 MM; INLET CONNECTION: BSP; OUTLET SIZE: 20 MM; OUTLET CONNECTION: FBSP; MATERIAL: MI; HEX; SPECIFICATION SABS 509/55, BS 143/52; FOR STEAM	ea	1
81	57128	COUPLING, PIPE: SIZE: 20 MM; CONNECTION: FPT; MATERIAL: STL; SPECIFICATION: SABS 62-1971; STYLE: SOCKET; FOR STEAM PIPE, PLAIN	EA	28
82	57132	COUPLING, PIPE: SIZE: 50 MM; CONNECTION: FPT; MATERIAL: STL; SPECIFICATION: SABS 62-1971; GRADE 4.6, STEAM	EA	200

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83	57192	ADAPTOR, PIPE: INLET SIZE: 10 MM; INLET CONNECTION: BSP; OUTLET SIZE: 8 MM; OUTLET CONNECTION: FBSP; MATERIAL: MI; HEX; SPECIFICATION SABS 509/55, BS 143/52	ea	1
84	57272	PLUG, PIPE: SIZE: 15 MM; HEAD: SQ; CONNECTION: PT; MATERIAL: STEEL; GRADE: B; SPECIFICATION: BS 1740; RATING PSI	ea	3
85	57273	PLUG, PIPE: SIZE: 20 MM; HEAD: SQ; CONNECTION: NPT; MATERIAL: STL; SPECIFICATION: BS S1740	EA	20
86	57274	PLUG, PIPE: SIZE: 25 MM; HEAD: SQ; CONNECTION: NPT; MATERIAL: STEEL; SPECIFICATION: BS 1740 AMENDMENT 1 TABLE 25; FOR STEAM APPLICATION	ea	17
87	60593	STRAINER: TYPE: STEAM; DIMENSIONS: ID 384 X OD 424 X LG 365 MM; MATERIAL: STL; FILTERING RETENTION: 10 MM; MESH: 10 MM; OEM P/N: HTGR001881R0003, OEM: GE STEAM POWER SERVICE; DRAWING NO: BBT HTGR204400/468 REV 1; HTGR204400/648 REV B; FOR HP 140 MM CONTROL VALVE	EA	4
88	62776	VALVE, SOLENOID: PIPE SIZE: 20 MM; STYLE: 2 WAY; DESIGN RATING: 0-10 BAR; CONNECTION: THD; BODY MATERIAL: BRASS; OPERATED: NO; MEDIUM: LIQUID; ORIFICE SIZE: 5 MM; CLASSIFICATION: WATERTIGHT	EA	32
89	63801	VALVE, GATE: VALVE SIZE: 65 MM; TYPE: WEDGE; CONNECTION: THD; BODY MATERIAL: BRASS; TRIM: DISC/STEM BRS; OPERATED: HANDWHEEL; STEM DESIGN: NON RISING; STYLE: THD BONNET; TEMPERATURE RATING: 175 DEG C; DESIGN RATING: 2000 KPA; REFERENCE NO: CLASS 125; SUPPLIER NOTE TO BE SUPPLIED ACCORDING TO S.A.B.S. SPECIFICATION WITH A PRESSURE CERTIFICATE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	2
90	63803	VALVE, GATE: VALVE SIZE: 40 MM; TYPE: WEDGE; CONNECTION: THD; FACE TO FACE LENGTH: 50 MM; BODY MATERIAL: BRS; TRIM: DICS/STEM BRS; OPERATED: HANDWHEEL; STEM DESIGN: NON RISING; STYLE: THD BONNET; TEMPERATURE RATING: 175 DEG C; DESIGN RATING: 1600 KPA; REFERENCE NO: CLASS 125; SUPPLIER NOTE TO BE SUPPLIED ACCORDING TO S.A.B.S. SPECIFICATION WITH A PRESSURE CERTIFICATE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	4

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91	63804	VALVE, GATE: VALVE SIZE: 25 MM; TYPE: WEDGE; CONNECTION: THD; BODY MATERIAL: BRASS; TRIM: DISC/STEM BRS; OPERATED: HANDWHEEL; STEM DESIGN: NON RISING; STYLE: THD BONNET; TEMPERATURE RATING: 175 DEG C; DESIGN RATING: 1600 KPA; REFERENCE NO: CLASS 125; SUPPLIER NOTE TO BE SUPPLIED ACCORDING TO S.A.B.S. SPECIFICATION WITH A PRESSURE CERTIFICATE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	ea	8
92	63805	VALVE, GATE: VALVE SIZE: 20 MM; TYPE: WEDGE; CONNECTION: THD; FACE TO FACE LENGTH: 52 MM; BODY MATERIAL: BRASS; TRIM: DISC/STEM BRS; OPERATED: HANDWHEEL; STEM DESIGN: NON RISING SPINDLE; STYLE: THD BONNET; TEMPERATURE RATING: 175 DEG C; DESIGN RATING: 1600 KPA; REFERENCE NO: 1001-125; SUPPLIER NOTE; TO BE SUPPLIED ACCORDING TO S.A.B.S. SPECIFICATION WITH A PRESSURE CERTIFICATE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	ea	8
93	66237	PIVOT: TYPE: ACTUATOR BALL; MATERIAL: STL; MODEL NO: V30 GSEK 350; REFERENCE NO: 935-1619; 190-743370000; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	ea	11
94	69158	TUBE, LANCE: DRAWING NO: D64053001 L00006 REV 1; REFERENCE NO: 64053001L00006; INJECTION FOR S03 PLANT INJECTION TO AIR HEATER OUTLET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
95	69159	BALL: TYPE: SO3 CONVERTER; DIAMETER: 20 MM; MATERIAL: CERAMIC; THE ITEM MUST BE SUPPLIED IN A SEALED 210L STL DRUM; ONE DRUM = ONE EACH	EA	10
96	70322	DIAPHRAGM, VALVE: DIMENSIONS: DIA 32 MM; VALVE SIZE: 32 MM; REFERENCE NO: A032CC; TYPE A; GRADE C	EA	32
97	71401	PACKING, PREFORMED: INSIDE DIAMETER: 29 MM; OUTSIDE DIAMETER: 60 MM; THICKNESS: 13 MM; TYPE: RING; MATERIAL: GRAPHITE; FIG NO: 86528W; 38214-158; REFERENCE NO: 38214-158; 86528W; KORUTE BLOCK, CAF, FOR 2 INCH STOP VALVE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20

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98	71402	VALVE, BALL: VALVE SIZE: 1/2 IN; DESIGN RATING: 120 KPA; TEMPERATURE RATING: 50 DEG C; CONNECTION: BSP; BODY MATERIAL: STAINLESS STEEL; FACE TO FACE LENGTH: 50 MM; OPERATED: MANUAL; STYLE: 2 WAY; TRIM: BALL SS; GRADE: 316; FOR CONDENSATE PLANT. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	38
99	73467	VALVE, RELIEF: VALVE SIZE: 25 MM; SET PRESSURE: 340-520 KPA; TEMPERATURE RATING: 120 DEG C; CONNECTION: THD; BODY MATERIAL: STAINLESS STEEL; TRIM: SS GR 316; OPERATED: SPRING; GRADE: 316; DESIGN RATING: 24 BAR; PRESSURE RANGE: 100-400 KPA; SUPPL P/N: 490; BAILEY BIRKETT; LIQUID; NOTE; SET PRESSURE TEST CERTIFICATE REQUIRED WITH DELIVERY. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	4
100	73541	TRAP, STEAM: CONNECTION: BW 25 MM; PRESSURE RATING: 110 BAR; MATERIAL: 13CRMO44; SUPPLIER NOTE: THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED, BSV116/BK29/PN160; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	4
101	73620	PLATE: TYPE: THRUST; DIMENSIONS: ID 130 X OD 140 X THK 8 MM; MATERIAL: STL; MODEL NO: 31	EA	2
102	73622	BUSH: TYPE: LEAK OFF; INSIDE DIAMETER: 55 MM; OUTSIDE DIAMETER: 95 MM; LENGTH: 25 MM; MATERIAL: BRZ PHOSPHOR; DRAWING NO: 0.42092-EB REV 1	EA	4
103	73786	FLAP: DIMENSIONS: 250 MM; MATERIAL: STL; FIG NO: 6254; VOSA SWING CHECK VALVE, DOOR ASSEMBLY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2
104	73787	HINGE: DIMENSIONS: LG 335 MM; MATERIAL: STL; FIG NO: 6254; COMPLETE WITH PIN, 250MM VOSA SWING CHECK VALVE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4

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105	73851	PACKING, PREFORMED: INSIDE DIAMETER: 25 MM; OUTSIDE DIAMETER: 45 MM; THICKNESS: 10 MM; TYPE: RING; MATERIAL: GRAPHITE; SUPPL P/N: 1D7518-01052; VALVE, SHAPE FOR FISHER CONTROL VALVE 657-AR, BSV 7343, SIZE 12 X 8 INCH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
106	73864	STEM, VALVE: VALVE STYLE: CONTROL; DIAMETER: 12.7 MM; LENGTH: 318 MM; MATERIAL: STAINLESS STEEL; APPLICATION: ACTUATOR; SUPPL P/N: 1U2305-35162.; TYPE ED BODY WITH TYPE 667, SUPPLIER NOTE - THE ITEM MUST BE PROTECTIVE PACKED, SEALED AND CLEARLY MARKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2
107	73985	DIAPHRAGM, VALVE: DIMENSIONS: DIA 20 MM; MATERIAL: RUBBER; VALVE SIZE: 20 MM; REFERENCE NO: A020CC; SAUNDERS VALVE; TYPE A; GRADE C	EA	20
108	73987	DIAPHRAGM, VALVE: DIMENSIONS: DIA 25 MM; VALVE SIZE: 25 MM; REFERENCE NO: A025CC; TYPE: A; GRADE: C	EA	20
109	73989	DIAPHRAGM, VALVE: VALVE SIZE: 50 MM; REFERENCE NO: A050CC; TYPE A; GRADE C	EA	8
110	74080	SPINDLE: TYPE: VALVE; DIAMETER: 25 MM; MODEL NO: VKS11-500-32-13; VKS11-500-25-10; 200AE; 21.2; PN40	EA	4
111	74109	VALVE, GATE: VALVE SIZE: 1-1/4 IN; TYPE: PARALLEL SLIDE; CONNECTION: BW; BODY MATERIAL: CRMO; TRIM: SEAT NI ALLOY; SPINDLE SS; OPERATED: MOTORIZED; STEM DESIGN: RISING OS/Y; STYLE: BOLTED BONNET; TEMPERATURE RATING: 565 DEG C; GRADE: F22; DESIGN RATING: 179 BAR; FIG NO: HOPKINSONS M219520W; COMPLETE WITH ACTUATOR ADAPTION KIT TO ACCEPT CLYDE ACTUATOR EV309; USED ON SOOTBLOWERS MAIN STEAM. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	2
112	74134	SEAL, RING: INSIDE DIAMETER: 155 MM; OUTSIDE DIAMETER: 172 MM; THICKNESS: 15 MM; MATERIAL: GRAPHITE; FOR 125MM NRV, PLANT POSITION FV 268	EA	24
113	74158	BOX, STUFFING: INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 80 MM; APPLICATION: LANTERN RING; SUPPL P/N: 103043676001; FOR SULZER REHEAT SAFETY VALVE TYPE MSV200-47; SUPPLIER NOTE: THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED; SIZE: LG 165MM	EA	2

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114	74204	STEM, VALVE: VALVE STYLE: CONTROL; VALVE SIZE: 140 MM; LENGTH: 896 MM; MATERIAL: STAINLESS STEEL; DRAWING NO: HTGR 204400 POS 22445 REV 1; HTGR 204400 REV 1; BBT, FOR HP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	8
115	74205	BODY, VALVE: VALVE STYLE: CONTROL; VALVE SIZE: 140 MM; DRAWING NO: BBT 04400 POS 440 REV 1; REFERENCE NO: 440HTGR204400; FOR HP VALVE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	8
116	74268	CAGE, VALVE: DIMENSIONS: ID (26 X 90) X LG 170 MM; MATERIAL: X20CRMOV121; SUPPL P/N: A32-2/9; SUPPLIER NOTE: THE ITEM MUST BE PROTECTIVE PACKED, SEALED AND CLEARLY MARKED; FOR SPRAY WATER VALVE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	16
117	74288	SEAT, VALVE: DIMENSIONS: ID 55 X OD 98 X THK 50 MM; MATERIAL: BRS/STL; DRAWING NO: BBT HTGR 90058 POS 805 REV 1; REFERENCE NO: HAJ5 250; FOR IP AND LP BYPASS EMERGENCY STOP SERVOMOTOR 2311-2314 AND 3305-3306. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
118	79078	CAP, FILLER OPENING: MATERIAL: STL; TYPE: FILTER; REFERENCE NO: S/BE HCD-153-M15; HCD-153-M15; SIZE 80 MM ID X 54 MM LG, FOR LUBRICATION OIL TANKS ON ELECTRIC FEED PUMP AND PA FANS SUPERSEDED BY PART NO:- H00153001; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	ea	3
119	80394	SCREW, MACHINE: DIAMETER: 2BA; LENGTH: 25 MM; HEAD: CSK FLAT SLOTTED; MATERIAL: BRASS; SPECIFICATION: BS 57 TABLE 3	ea	40

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120	80765	SCREW, CAP: DIAMETER: M8; LENGTH: 40 MM; THREAD: 1.25 MM; HEAD: SOCKET HEX; MATERIAL: HTS; GRADE: 12.9; SPECIFICATION: BS 4168-1981 PART 1; OEM P/N: 5360-227, OEM: GE STEAM POWER SERVICE; KNURLED HEAD, ISO METRIC THREAD	ea	40
121	83584	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	600
122	83585	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	200
123	83591	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	50
124	83601	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	50
125	83624	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	50
126	84338	BOLT, ASSEMBLY: NOMINAL DIAMETER: 3/4 IN; LENGTH: 2-1/2 IN; HEAD: HEX; MATERIAL: MS; THREAD: BSW; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK	kg	25
127	84536	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	400
128	84555	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	kg	25

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129	84563	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	50
130	84572	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	50
131	84575	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	200
132	84602	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	25
133	84603	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	200
134	84605	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	600
135	85216	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 108 MM; HEAD: HEX; MATERIAL: HTS GR EN55; THREAD: 2.5 MM; NUT QUANTITY: 1; NYLOCK	EA	50
136	85225	BOLT, ASSEMBLY: NOMINAL DIAMETER: M30; LENGTH: 130 MM; HEAD: HEX; MATERIAL: HTS; THREAD: 3.5 MM; NUT QUANTITY: 1	EA	16
137	85232	BOLT, ASSEMBLY: TYPE: CARRIAGE; NOMINAL DIAMETER: M16; LENGTH: 250 MM; HEAD: SQ CUP; MATERIAL: STL; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: GALV; COMPLETE WITH WASHER, FOR USE WITH JOHNSON COUPLING	EA	200
138	85437	BOLT, MACHINE: DIAMETER: M24; LENGTH: 115 MM; HEAD: HEX; MATERIAL: STL; THREAD: 3 MM; DRAWING NO: BBT HTGR204400 POS 430 REV 1; FOR HP STOP VALVE, HP VALVE DIA 140MM	ea	2

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139	87512	WASHER, LOCK: INSIDE DIAMETER: 8.6 MM; OUTSIDE DIAMETER: 12.8 MM; THICKNESS: 2 MM; NOMINAL SIZE: M8; MATERIAL: SPRING STL; TYPE: HELICAL SPRING, SPLIT	ea	100
140	87513	WASHER, LOCK: INSIDE DIAMETER: 10.5 MM; OUTSIDE DIAMETER: 15.5 MM; NOMINAL SIZE: M10; MATERIAL: STL; TYPE: SPRING	ea	60
141	87514	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	50
142	87638	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 13 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	100
143	87641	NUT, HEX: DIAMETER: M30; THREAD: 3.5 MM; NUT HEIGHT: 24 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143-1977	KG	50
144	87685	WASHER, FLAT: NOMINAL SIZE: M30; INSIDE DIAMETER: 33 MM; OUTER SIZE: 57 MM; THICKNESS: 4 MM; MATERIAL: MS BLACK	KG	50
145	87699	WASHER, FLAT: NOMINAL SIZE: M8; INSIDE DIAMETER: 8.6 MM; OUTER SIZE: 17 MM; THICKNESS: 1.6 MM; MATERIAL: MS BLACK; SPECIFICATION: BS 1449; GRADE 4.6	KG	50
146	88607	WASHER, LOCK: INSIDE DIAMETER: 82 MM; OUTSIDE DIAMETER: 160 MM; THICKNESS: 4 MM; MATERIAL: STL; TYPE: BELLVILLE SPRING; DRAWING NO: HTGD90200 REV 1; FOR USE ON THE FOLLOWING JOURNAL BEARINGS, NUMBER 3, DIA 425 NUMBER 4, DIA 450 AND NUMBER 5, DIA 475	EA	22
147	88609	WASHER, LOCK: INSIDE DIAMETER: 46 MM; OUTSIDE DIAMETER: 90 MM; THICKNESS: 2.5 MM; MATERIAL: STL; TYPE: BELLVILLE SPRING; DRAWING NO: BBT HTGD90200 POS31 REV 1; REFERENCE NO: 31HTGD90200BRG5; FOR JOURNAL BEARING WITH MOVABLE SEGMENTS; BEARING NUMBER 5 DIA 475	EA	4
148	88610	WASHER, LOCK: INSIDE DIAMETER: 46 MM; OUTSIDE DIAMETER: 90 MM; THICKNESS: 2.5 MM; MATERIAL: STL; TYPE: BELLVILLE SPRING; DRAWING NO: BBT HTGD90200 POS 31 REV 1; FOR JOURNAL BEARING WITH MOVABLE SEGMENTS, NUMBER 6 DIA 400	EA	4
149	90551	WASHER: TYPE: ELECTROSTATIC PRECIPITATOR; THICKNESS: 5 MM; MATERIAL: TEFLON; SHIELD; 688X688X5MM SQUARE; TEMPERATURE RESISTANT TO 180 DEGREE CELSIUS; FOR PRECIPITATORS	EA	48
150	90600	NUT, LOCK: DIAMETER: M18; THREAD: 1.5 MM; MATERIAL: STL; SPECIFICATION: DIN 936; REFERENCE NO: 322 774; FOR SIEMENS ACTUATOR M76344-K7337-B932	EA	8

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151	90618	SCREW, CAP: DIAMETER: M22; LENGTH: 50 MM; THREAD: 2.5 MM; HEAD: SOCKET HEX; MATERIAL: STL 21CRMV57; SUPPL P/N: ARS112-2/31; FOR SULZER BYPASS VALVE ARS 112; NOTE: MATERIAL CERTIFICATE TO BE SUPPLIED ON DELIVERY	EA	200
152	90619	SCREW, CAP: DIAMETER: M20; LENGTH: 60 MM; THREAD: 2.5 MM; HEAD: SOCKET HEX; MATERIAL: STL 21CRMV57; SUPPL P/N: ARS112-2-67; REFERENCE NO: 000-003-176-113; FOR COMBINED BY-PASS AND RELIEF VALVE TYPE ARS112; MATERIAL CERTIFICATE TO BE SUPPLIED ON DELIVERY	EA	320
153	92715	PIN, GROOVED HEADLESS: LENGTH: 150 MM; DIAMETER: 25 MM; BURNER CENTRALISING, SICRO 23/20; MATERIAL: SS 310; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	300
154	94306	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 6.3 MM; SHORE HARDNESS: 75 DEG; COLOUR: BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	m	7
155	94307	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 8 MM; SHORE HARDNESS: 75 DEG; SIZE: 10M LG, BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	M	100
156	94320	SHEET, GASKET: THICKNESS: 3 MM; LENGTH: 1 M; WIDTH: 1 M; MATERIAL: CORK/NEOPRENE; REFERENCE NO: GR53; IMPREGNATED; NEOLONGITE GRADE 53 COMPOSITION	EA	40
157	94322	SHEET, GASKET: THICKNESS: 6.5 MM; LENGTH: 1.27 M; WIDTH: 660 MM; MATERIAL: CORK NEOPRENE IMPREGNATED; GRADE: 53	ea	3
158	94325	SEAL, OIL: INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 62 MM; WIDTH: 10 MM; REFERENCE NO: 356210R4	EA	2
159	97623	PACKING, BULK: MATERIAL: GRAPHITE; TYPE: FLAKE; SUPPL P/N: CPL333; TO BE SUPPLIED IN 5KG PLASTIC BAGS	KG	80

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160	98165	PACKING, PREFORMED: INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 80 MM; THICKNESS: 10 MM; TYPE: SOLID RING; MATERIAL: GRAPHITE; DRAWING NO: WELLAND AND TUXHORN 0.46060/1E REV 1; REFERENCE NO: KTDF/59; SEAL, 45 DEGREES INSIDE CHAMFER; FOR WELLAND AND TUXHORN INJECTION CONTROL VALVE DN32 DN40 PN160; NOTE - ITEM MUST BE PROTECTIVE PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	30
161	100167	PACKING, PREFORMED: INSIDE DIAMETER: 110 MM; OUTSIDE DIAMETER: 130 MM; THICKNESS: 10 MM; TYPE: RING; REFERENCE NO: 6226; 6232;; SET GLAND COMPRISING OF: 7 BURGMANN RINGS PRE PRESSED AND SLANTED 45 DEGREES, 2 BURGMANN RINGS PRE PRESSED AND SLANTED 45 DEGREES, FOR WELLAND AND TUXHORN ELECTRICAL FEED PUMP CONTROL VALVE, SUPPLIED IN A SEALED PACKET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
162	100730	PACKING, PREFORMED: INSIDE DIAMETER: 25 MM; OUTSIDE DIAMETER: 54 MM; THICKNESS: 71 MM; TYPE: V RING; MATERIAL: TEFLON; MODEL NO: K2/61-14; SET TFE, ITEM 14, FOR SULPHUR INJECTION PUMP; DURCO METER; TYPE G11304010; SIZEPLGR 1-3/8 IN; 1 HP; FEED A; DELIVERY 25 GAL/HR; PRESSURE 510 PSI; OPP TEMP 180 DEG C; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
163	100742	SEAL, MECHANICAL: SHAFT DIAMETER: 50 MM; BODY MATERIAL: SS GR 316; APPLICATION: PUMP; SUPPL P/N: 50T4610ASX1S1; 50MM/AFI/42287; CARTRIDGE, NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
164	101008	SEAL, MECHANICAL: TYPE: PUMP; SHAFT DIAMETER: 50 MM; BODY MATERIAL: STAINLESS STEEL; REFERENCE NO: MG912G50-50MM AQEGG; FOR COOLING WATER BOOSTER; MATING RING: TUNGSTEN CARBIDE; PRIMARY RING: TUNGSTEN; GLAND PLATE: SS316; SLEEVE: SS316; O-RINGS: NITRIDE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
165	101237	PACKING, BULK: LENGTH: 30 M; MATERIAL: NON ASB GLASS BASED; TYPE: BRAIDED ROPE; SHAPE: RD; NON ASBESTOS, SOFT WHITE, SIZE 20MM DIA, ROLL +- 6.2KG	KG	75

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166	101272	SEAL, MECHANICAL: SHAFT DIAMETER: 30 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; ONLY TYPE AES P05 ACCEPTABLE, SUPPLIER NOTE: THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
167	101655	GLAND, PACKING: DIMENSIONS: ID 40 X OD 70 X THK 10 MM; MATERIAL: GRAPHITE; SHAPE: RD; REFERENCE NO: ARS112-2/044; 4 PCS/1 SET; FOR HIGH PRESSURE BYPASS VALVE ARS112-2; NOTE - ITEM MUST BE BUBBLE PACKED PER SET	EA	16
168	101866	SHEET, GASKET: THICKNESS: 1.5 MM; LENGTH: 1 M; WIDTH: 1 M; MATERIAL: CORK; NEOLANGITE GRADE 53; REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD	EA	80
169	101872	PACKING: TYPE: VALVE; MATERIAL: GRAPHITE; THICKNESS: 16 MM; DIAMETER: ID 63.5 X OD 92.5 MM; KORUTE BLOCK	EA	16
170	101942	SEAL, OIL: INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 42 MM; WIDTH: 8 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; REFERENCE NO: CC304208	EA	8
171	101946	SEAL, OIL: INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 7 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: SM40527	EA	100
172	104487	PACKING: MATERIAL: RUBBER; SHAPE: RD; THICKNESS: 5 MM; DIAMETER: ID 77 X OD 82 MM; REFERENCE NO: 66555	EA	20
173	104491	RING, RETAINING: DIMENSIONS: ID 282 X OD 370 X THK 68 MM; TYPE: PACKING; MATERIAL: STL; REFERENCE NO: 104 608 238 001; FOR SULZER PUMP 100 PERCENT; HZB 302-580	EA	20
174	104586	GASKET, SPIRAL WOUND: STYLE: F/22/36/119; INNER RING INSIDE DIAMETER: 95 MM; OUTER RING OUTSIDE DIAMETER: 112 MM; SHAPE: ROUND; METAFLEX; SIZE: 5MM THK	EA	24
175	104593	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 280 MM; OUTER RING OUTSIDE DIAMETER: 314 MM; FILLER MATERIAL: ASB; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; METAFLEX; SIZE: 5MM THK	EA	24
176	104601	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 74 MM; OUTER RING OUTSIDE DIAMETER: 88 MM; SHAPE: ROUND; METAFLEX, SIZE: 3.5MM THK	EA	10

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177	104605	GASKET, PRE CUT: DIMENSIONS: ID 145 X OD 160 X THK 15 MM; MATERIAL: GRAPHITE; SHAPE: RD; PRESSURE RATING: PN320; DRAWING NO: Z 0.47498E POS 10073 REV 1; KANTECH KTDF/18 REV 1; 45DEG INSIDE SHAMFER, FOR WELLAND AND TUXHORN 33PCT REGULATING DRAIN VALVE DN150/250, NOTE: SEAL TO BE MANUFACTURED TO NU-CLEAR STANDARDS AND BUBBLE PACKED FOR PROTECTION. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	16
178	104608	SEAL, MECHANICAL: SHAFT DIAMETER: 40 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; ONLY TYPE AES P01 ACCEPTABLE, SUPPLIER NOTE: THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED, SEALED AND CLEARLY MARKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
179	104610	SEAL, MECHANICAL: SHAFT DIAMETER: 5/8 IN; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: T2/BR371/W; CRANE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	6
180	104624	O RING: WIDTH: 6 MM; MATERIAL: VITON; MOULDED T PIECE; ROUND RUBBER 6MM DIA, SIZE OF T PIECE-TOP SECTION 120MM LONG X BOTTOM SECTION 80MM LONG; TO PREVENT LEAKING OF HYDROGEN ON END SHIELDS OF BBT 500MW GENERATOR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24
181	104628	O RING, CORD: MATERIAL: VITON; THICKNESS: 6 MM; REFERENCE NO: HMG010271-1; REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	40
182	104638	SEAL, MECHANICAL: SHAFT DIAMETER: 25 MM; BODY MATERIAL: STAINLESS STEEL; DRAWING NO: SK/1018 REV 1; REFERENCE NO: 311063B3; FOR 18KV, COOLING PUMP MODEL 311 WITH CM SEAT COMPLETE WITH CLAMP PLATE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8

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183	104641	SEAL, MECHANICAL: SHAFT DIAMETER: 40 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: MG9; JOHN CRANE TYPE T502/GR1C1/BO WITH COLLAR, TO DIN 24250, ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
184	104643	SEAL, MECHANICAL: SHAFT DIAMETER: 50 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; ONLY TYPE AES P02 ACCEPTABLE, SUPPLIER NOTE: THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
185	104661	PACKING, BULK: WIDTH: 20 MM; THICKNESS: 20 MM; LENGTH: 8.5 M; MATERIAL: ASB YARN GRAPHITE IMPREGNATED; TYPE: GLAND; SHAPE: SQ; TYPE 3517, ITEM MUST BE ORIGINAL PACKED	ea	6
186	104668	PACKING: MATERIAL: PLASTIC; THICKNESS: 2.2 MM; DIAMETER: ID 3 X OD 7.2 MM; D0117LN FOX/CONT; SHAPE RING	EA	20
187	104675	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 50 MM; OUTER RING OUTSIDE DIAMETER: 65 MM; FILLER MATERIAL: ASB; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SIZE: 3MM THK	EA	32
188	104680	SEAL, MECHANICAL: SHAFT DIAMETER: 3/4 IN; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; DRAWING NO: MCLURE 1109DM REV 1; REFERENCE NO: 2BR171SPZ; FOR PA FANS MECHANICAL LUBRICATING OIL PUMPS, JOHN CRANE ONLY, SEAT AS PER DRAWING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	ea	5
189	104686	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 199 MM; OUTER RING OUTSIDE DIAMETER: 216 MM; METAFLEX JOINT, GRAPHITE, SIZE: 5.8MM THK	EA	40
190	104687	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 128 MM; OUTER RING OUTSIDE DIAMETER: 141 MM; FILLER MATERIAL: ASB; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; TYPE: METAFLEX JOINTS; SIZE: 4.8MM THK	EA	16

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191	104715	KIT: TYPE: SEAL; APPLICATION: CONTROL SERVOMOTOR; SUPPL P/N: 21016; BBC, ONE NITRILE O RING SIZE 95 X 5.33 PART NUMBER 21026A/21091; ONE TEFLON GUIDE BELT SIZE 140 X 3 X 20 PART NUMBER 21090-2; ONE TEFLON SLIDING RING SIZE 315 X 3 X 6 PART NUMBER 21089; ONE TEFLON SLIDING RING SIZE 140 X 3 X 4 PART NUMBER 21093; ONE NITRILE O RING SIZE 296 X 5.35 PART NUMBER 21090; ONE NITRILE O RING SIZE 126.9 X 3.53 PART NUMBER 21094; ONE NITRILE O RING SIZE 186 X 7 PART NUMBER 21041; ONE NITRILE O RING SIZE 78.74 X 5.33 PART NUMBER 21010; ONE NITRILE O RING SIZE 145.5 X 7; SUPPLIER NOTE - THE ITEM MUST BE PROTECTIVE PACKED, SEALED AND CLEARLY MARKED	EA	28
192	104764	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 246.5 MM; OUTER RING OUTSIDE DIAMETER: 263.5 MM; FILLER MATERIAL: ASB; WINDING MATERIAL: STL; SHAPE: ROUND; METAFLEX; NOTE: ITEM MUST BE PROTECTIVE PACKED; SIZE: 4.5MM THK	EA	8
193	104765	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 71.5 MM; OUTER RING OUTSIDE DIAMETER: 83.5 MM; METAFLEX, SIZE: 4.5MM THK; NOTE: ITEM MUST BE PROTECTIVE PACKED	EA	8
194	104767	SEAL, RING: TYPE: GUIDE RING/PISTON; INSIDE DIAMETER: 47 MM; OUTSIDE DIAMETER: 68 MM; THICKNESS: 10.5 MM; MATERIAL: FIBER/RUBBER; DRAWING NO: HTGR 412452 REV 1; HTGR 412452 POS 136/137 REV 1; MODEL NO: RKS 500-210; FOR POWER ASSISTED CHECK VALVE IN HP EXHAUST SERVO MOTOR. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
195	104779	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 87 MM; OUTER RING OUTSIDE DIAMETER: 103 MM; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SUPPL P/N: 104 133 381 002; 11.46.5; FLEXITALLIC SEAL, FOR SULZER PUMP HPT POK 32-25; SIZE: 4.4MM THK	EA	64
196	104797	PACKING, PREFORMED: INSIDE DIAMETER: 245 MM; OUTSIDE DIAMETER: 280 MM; THICKNESS: 32 MM; DRAWING NO: KANTECH KTDf/25A REV 1; SHAPE ROUND, PURE SEAL; FOR ELECTRIC FEED PUMP DISCHARGE STOP VALVE; FV238; NOTE - STRESS REQUIRED TO ACTIVATE SEAL IS 15N/MM SQ; STABILITY UNDER COMPRESSIVE DIN53913 GREATER THAN 48N/MM SQ AND IN ACCORDANCE WITH MARINE SPECIFICATION 39622-43110; NOTE - SEAL MUST BE PROTECTIVE PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24

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197	104798	SEAL, OIL: INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 42 MM; WIDTH: 7 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD	EA	8
198	104802	PACKING, PREFORMED: INSIDE DIAMETER: 380 MM; OUTSIDE DIAMETER: 350 MM; THICKNESS: 20 MM; MATERIAL: GRAPHITE; REFERENCE NO: 05 1344 000; SHAPE ROUND, PURE PRESSURE SEAL; FOR CIRCULATING PUMP SUCTION STRAINER COVER; NOTE - ITEM MUST BE PROTECTIVE PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24
199	104808	PACKING, PREFORMED: INSIDE DIAMETER: 43 MM; OUTSIDE DIAMETER: 55 MM; THICKNESS: 24 MM; TYPE: VALVE; MATERIAL: TEFLON; SUPPL P/N: 1R5161-01012; REFERENCE NO: SC205427; SHAPE V RING, ITEM 24, ON CONDENSOR LEVEL CONTROLLER, SUPPLIER NOTE - THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED, ACT LEV VAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	16
200	104812	PACKING, PREFORMED: INSIDE DIAMETER: 130 MM; OUTSIDE DIAMETER: 140 MM; THICKNESS: 12 MM; TYPE: TOP LEAK OFF; MATERIAL: GRAPHITE; COLOR: BLACK; DRAWING NO: 0.42090-EB REV 1; REFERENCE NO: 119-023-061-600; WITH 45 DEGREE INSIDE TAPER AND STAINLESS STEEL CAPS; TYPE P55K; THE ITEM MUST BE PROTECTIVE PACKED, SEALED AND CLEARLY MARKED WITH MATERIAL NUMBER 0104812; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
201	104814	PACKING, PREFORMED: INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 100 MM; THICKNESS: 20 MM; MATERIAL: GRAPHITE; DRAWING NO: NN 345 010 P/N 6 REV 1; REFERENCE NO: KTD/F 26A; SHAPE ROUND, PURE PRESSURE SEAL; FOR 80MM BABCOCK GLOBE VALVE; USED AS EFP LEAK OFF ISOLATING VALVE; NOTE - STRESS REQUIRED TO ACTIVATE SEAL IS 15N/MM SQUARE; STABILITY UNDER COMPRESSIVE DIN53913 GREATER THAN 48N/MM SQUARE AND IN ACCORDANCE WITH MARINE SPECIFICATION 39622-43110; NOTE - ITEM MUST BE PROTECTIVE PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24

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202	104820	GASKET, PRE CUT: DIMENSIONS: ID 335 X OD 375 X THK 31 MM; MATERIAL: GRAPHITE; SHAPE: RD; FIG NO: 640AC; FOR 300MM PERSTA SWING CHECK VALVE, PLANT POSITION ASV 92, NOTE: ITEM MUST BE PROTECTIVE PACKED. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	24
203	104821	PACKING, PREFORMED: INSIDE DIAMETER: 385 MM; OUTSIDE DIAMETER: 425 MM; THICKNESS: 25 MM; TYPE: VALVE; MATERIAL: GRAPHITE; SEAL, FOR BABCOCK SWING CHECK VALVE, SIZE 350MM, COMPRISING OF 2 SEALS AS FOLLOWS: 1, 45 DEG INSIDE SHAMFER; 2, 45 DEG OUTSIDE SHAMFER, 35MM O/A HIGHT WHEN FITTED TOGETHER; NOTE - 1 EA, 2 OF ABOVE MENTIONED SEALS AND TO BE PACKED TOGETHER PROTECTED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
204	104822	PACKING, PREFORMED: INSIDE DIAMETER: 355 MM; OUTSIDE DIAMETER: 400 MM; THICKNESS: 30 MM; TYPE: RING; MATERIAL: GRAPHITE; SHAPE, FOR BABCOCK PERSTA GATE VALVE DIN350/300, STEAM FEED PUMP DISCHARGE ISOLATING VALVE, POSITION FV232, CONSISTING OF TWO HALVES, ONE 45 DEG INSIDE AND ONE 45 DEG OUTSIDE, SUPPLIER NOTE - THE ITEM MUST BE PROTECTIVE PACKED, SEALED AND CLEARLY MARKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
205	104823	GASKET, PRE-CUT: DIMENSIONS: ID 240 X OD 280 X THK 30 MM; MATERIAL: GRAPHITE; SHAPE: RD; REFERENCE NO: KTDF53; NOTE: ITEM MUST BE PROTECTIVE PACKED	EA	16
206	104825	PACKING, PREFORMED: INSIDE DIAMETER: 150 MM; OUTSIDE DIAMETER: 180 MM; THICKNESS: 20 MM; MATERIAL: GRAPHITE; REFERENCE NO: KTDF29; KTD/F 29; SHAPE ROUND, PURE PRESSURE SEAL; SIZE 180MM OD X 150MM ID X 22MM THICK; SEAL MUST BE SQUARE AND NOT WITH A SHAMFER; NOTE - STRESS REQUIRED TO ACTIVATE SEAL IS 15N/MM SQ; STABILITY UNDER COMPRESSIVE DIN53913 GREATER THAN 48N/MM SQ AND IN ACCORDANCE WITH MARINE SPECIFICATION 39622-43110; NOTE - ITEM MUST BE PROTECTIVE PACKED; END DESCRIPTION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24
207	104829	GLAND, PACKING: REFERENCE NO: 04-0611-000-Z5NB; FOR SEMPELL VALVE 25MM VKS1	EA	40

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208	104830	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 95 MM; OUTER RING OUTSIDE DIAMETER: 114 MM; FILLER MATERIAL: ASB; WINDING MATERIAL: STL; SHAPE: ROUND; METAFLEX; SIZE: 5MM THK	EA	
209	104861	GASKET, PRE CUT: DIMENSIONS: ID 65 X OD 77 X THK 1.5 MM; MATERIAL: ASB; SHAPE: RD; REFERENCE NO: 13061; 65MM VALVE	EA	12
210	104867	PACKING, PREFORMED: INSIDE DIAMETER: 50 MM; OUTSIDE DIAMETER: 60 MM; THICKNESS: 10 MM; MATERIAL: GRAPHITE; SHAPE ROUND, SEAL WITH 6MM LONG 45 DEGREE SHAMFER ON INSIDE DIA; FOR SEMPELL VALVES FV 231/FV 235 SIDE COVERS; NOTE - ITEM MUST BE PROTECTIVE PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24
211	104868	PACKING, PREFORMED: INSIDE DIAMETER: 260 MM; OUTSIDE DIAMETER: 280 MM; THICKNESS: 31 MM; TYPE: METAL CAPPED; MATERIAL: GRAPHITE; REFERENCE NO: KTDF/54; 45 DEGREE INSIDE SHAMFER, FOR USE ON SEMPLE VALVE HKS1.7.250.01, FV 236, KANTECH; NOTE - ITEM MUST BE PROTECTIVE PACKED; SHAPE ROUND; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
212	104873	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 246.5 MM; OUTER RING OUTSIDE DIAMETER: 269 MM; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; FOR REHEAT SAFETY VALVE MSV 200/2, NOTE: ITEM MUST BE PROTECTIVE PACKED, SEPARATE; SIZE: 4.5MM THK	EA	8
213	104918	GASKET, PRE CUT: DIMENSIONS: ID 292 X OD 324 X THK 30 MM; TYPE: PARALLEL SLIDE; MATERIAL: GRAPHITE; SHAPE: RD; SUPPL P/N: KTDF61; FIG NO: 23928W; REFERENCE NO: 38211-680; 200MM HOPKINSON, SUPPLIER NOTE: THE ITEM MUST BE PROTECTIVE PACKED, SEALED AND CLEARLY MARKED	EA	24
214	104926	PACKING, BULK: LENGTH: 30 M; MATERIAL: GLASS FIBER WOVEN BASED; TYPE: BRAIDED ROPE; TYPE SOFT WHITE, ROLL 4.5KG; SIZE 16MM DIA	KG	45
215	104927	PACKING, BULK: LENGTH: 30 M; MATERIAL: NON ASB GLASS BASED BRAIDED; TYPE: ROPE; SHAPE: RD; SOFT WHITE, ROLL 12KG, SIZE 25MM DIA	KG	120
216	104960	PACKING MATERIAL: MATERIAL: GRAPHITE FIBER; IN 500 GRAM CONTAINERS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	KG	2

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217	106387	PACKING, PREFORMED: INSIDE DIAMETER: 300 MM; OUTSIDE DIAMETER: 320 MM; THICKNESS: 20 MM; TYPE: CUP RING; MATERIAL: GRAPHITE; REFERENCE NO: FV231; KTDF/14; 05-1341-00-0; COVER SEAL FOR SEMPLE VALVE HKS1-7-300-300-01; PLANT FV231; NOTE - ITEM MUST BE BUBBLE PACKED FOR PROTECTION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
218	111359	SPRING, COMPRESSION: INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 102 MM; LENGTH: 132 MM; COILS: 7; MATERIAL: STL; DRAWING NO: BBT HTGR 90558 POS 804 REV 1; FOR IP AND LP BYPASS STOP VALVE SERVOMOTOR 2311-2314 AND 3305-3306 TYPE:- HAJ5 250	EA	12
219	114866	POST: TYPE: HANDRAIL STANCHION; DIMENSIONS: OD 34 MM X LG 1.016 M; MATERIAL: STL GALV; TOP MOUNT 90DEG, FOR TUBING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	52
220	114868	POST: TYPE: HANDRAIL STANCHION; DIMENSIONS: OD 34 MM X LG 1.016 M; MATERIAL: STL GALV; GOOSE NECK 90DEG, FOR TUBING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2
221	114917	METAL, EXPANDED: SIZE: WD 1.2 M X LG 2.4 M X THK 4.5 MM; SHORTWAY: 20 MM; LONGWAY: 60 MM; MATERIAL: SS GR 304L; REFERENCE NO: VEM325A S/STEEL; SHORT WAY OF MESH (SWM) = 27MM -10 PCT, LONG WAY OF MESH (LWM) = 60MM -10 PCT, STRAND WIDTH = 6MM +10 PCT AND STRAND THICKNESS = 4.5MM +10 PCT, TOLERANCE OF MESH SIZES ARE NOT (+/-), USED TO REDUCE BOILER FLYE ASH EROSION, MATERIAL TO BE DELIVERED WITH A DIN 500493.1B OR EN10204 3.1 MATERIAL CERTIFICATES	KG	300
222	135222	INSULATION: TYPE: ELECTRICAL; DIMENSIONS: SQ 1.2 M X THK 1.5 MM; MATERIAL: TUFNOL; FORM: SHEET RECT; KITE, MEDIUM WEAVE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	KG	2
223	157559	CLEANER: FORM: LIQUID; CONTAINER: 25 L; SUPPL P/N: FO537A; A FULLY BIODEGRADABLE WATER BASE HEAVY DEGREASER; REQUIRE A MATERIAL SAFETY DATA SHEET WITH EACH DELIVERY, PLASTIC	L	400
224	159822	ABSORBENT: TYPE: ORGANIC; FORM: FIBER LOOSE; CONTAINER CAPACITY: 10 KG; CONTAINER: BAG; 100 PCT, NON-TOXIC COMPOST, BIODEGRADABLE, PLEASE NOTE; THE ITEM WILL NOT BE ACCEPTED WITHOUT A MATERIAL SAFETY DATA SHEET; FIBRE - SORB	ea	20

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225	159982	THINNER, PAINT: TYPE: LACQUER; CONTAINER: CAN 5 L; REFERENCE NO: A; ILS; SHOULD COMPLY WITH THE CHEMICAL HAZARDOUS SUBSTANCES REGULATION OF OCCUPATIONAL HEALTH AND SAFETY ACT; REQUIRED A MATERIAL SAFETY DATA SHEET WITH EVERY DELIVERY	L	30
226	160051	BRUSH, PAINT: TYPE: SETTER; WIDTH: 50 MM; MATERIAL: BRISTLE CHINESE PURE; SHAPE: FLAT; HANDLE: PLASTIC	EA	4
227	160056	BRUSH, PAINT: TYPE: SETTER; WIDTH: 12 MM; MATERIAL: BRISTLE CHINESE PURE; SHAPE: FLAT; HANDLE: PLASTIC; SIZE: 48MM LG X 10MM THK; THE ITEM MUST BE PROTECTIVE PACKED	EA	12
228	160171	CLEANER: TYPE: CONTACT ANTI RUST; FORM: AEROSOL; CONTAINER: CAN 400 G; ELECTRO; CRC2-26; MUST BE OZONE FRIENDLY; USE AS WATER REPELLENT ON ALL ELECTRICAL SWITCHGEAR; CHEMICAL - MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	EA	150
229	160267	ADHESIVE: TYPE: CONTACT; CONTAINER: CAN 500 ML; SUPPL P/N: PLIOBOND; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	EA	120
230	160269	ADHESIVE: TYPE: SUPERGLUE; CONTAINER: BOTTLE PLASTIC 20 G; REFERENCE NO: M5000; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	EA	40
231	160512	JOINT, EXPANSION: CONNECTION: CLAMP; MATERIAL: FLEXGEN 2000; APPLICATION: COMPENSATOR; COATED GLASS FABRIC LAMINATED WITH PTFE; NO EQUIVALENT WILL BE ACCEPTED; BURGMANN BRAND ONLY; SUPPLIER NOTE: THE ITEM MUST BE SEALED IN A PLASTIC BAG AND CLEARLY MARKED; SIZE 310MM WD X 12M LG	EA	12
232	161405	GREASE, INDUSTRIAL: TYPE: COUPLING; CONTAINER: CAN 5 LB; TRADE NAME: KOP-FLEX KSG; SUPPL P/N: KOP-FLEX KSG	EA	40
233	161470	PENETRANT: TYPE: FLUID; CONTAINER: CAN 350 ML; REQUIRED THE NEW STANDARD FOR RELIABILITY POINT 1 TO 16 MATERIAL SAFETY DATA SHEET WITH EVERY DELIVERY COMPULSORY	EA	240

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234	161622	GREASE: CONTAINER: DRUM 15 KG; REFERENCE NO: APS3; REQUIRE A MATERIAL SAFETY DATA SHEET WITH EVERY DELIVERY	EA	8
235	161735	SHEET, GASKET: THICKNESS: 0.25 MM; LENGTH: 30 M; WIDTH: 3.7 M; MATERIAL: PLASTIC; ROLL	M	120
236	161921	ROPE: MATERIAL: COTTON FIBER BRAIDED; DIMENSIONS: DIA 20 MM X LG 30 M; STRUCTURE: 125 STRAND; NON-ASBESTOS, SOFT WHITE	KG	11
237	162358	PLATE, METAL: MATERIAL: MS BS 4360, SABS 1431; GRADE: 300WA EN43A; PROCESS: HOT ROLLED; WEIGHT: 589 KG; DIMENSIONS: WD 1.2 M X LG 2.5 M X THK 25 MM	KG	4712
238	162359	PLATE, METAL: DIMENSIONS: WD 1.2 M X LG 2.5 M X THK 10 MM; MATERIAL: MS; WEIGHT: 235.5 KG; PROCESS: HOT ROLLED; SPECIFICATION: BS 4360-1972 TABLE 6; GRADE: EN43A	KG	3768
239	172802	PACKING, BULK: WIDTH: 3.2 MM; THICKNESS: 3.2 MM; LENGTH: 3.2 MM; MATERIAL: CARBON FIBER; SHAPE: SQ; SUPPL P/N: 477-1; MUST BE ASBESTOS FREE; NOTE - ITEM MUST BE ORIGINAL PACKED	kg	24
240	172803	PACKING, BULK: WIDTH: 5 MM; THICKNESS: 5 MM; MATERIAL: CARBON FIBER; APPLICATION: PUMP AND VALVE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-13; TYPE: GENERAL SERVICE; SHAPE: SQ; SUPPL P/N: 477-1. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	kg	24
241	172804	PACKING, BULK: WIDTH: 6 MM; THICKNESS: 6 MM; MATERIAL: CARBON FIBER; APPLICATION: PUMP AND VALVE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-13; TYPE: GENERAL SERVICE; SHAPE: SQ; SUPPL P/N: 477-1; MUST BE ASBESTOS FREE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	kg	40
242	172805	PACKING, BULK: WIDTH: 7.9 MM; THICKNESS: 7.9 MM; MATERIAL: CARBON FIBER; APPLICATION: PUMP AND VALVE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-13; TYPE: GENERAL SERVICE; SHAPE: SQ; SUPPL P/N: 477-1; MUST BE ASBESTOS FREE	kg	40
243	172806	PACKING, BULK: WIDTH: 9.5 MM; THICKNESS: 9.5 MM; LENGTH: 9.3 M; MATERIAL: CARBON FIBER; APPLICATION: PUMP AND VALVE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-13; TYPE: GENERAL SERVICE; SHAPE: SQ; SUPPL P/N: 477-1. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	kg	24

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244	172807	PACKING, BULK: WIDTH: 12.7 MM; THICKNESS: 12.7 MM; MATERIAL: CARBON FIBER; APPLICATION: PUMP AND VALVE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-13; TYPE: GENERAL SERVICE; SHAPE: SQ; SUPPL P/N: 477-1; MUST BE ASBESTOS FREE; NOTE - ITEM MUST BE ORIGINAL PACKED	kg	24
245	172808	PACKING, BULK: WIDTH: 12.7 MM; THICKNESS: 12.7 MM; MATERIAL: CARBON FIBER; APPLICATION: PUMP AND VALVE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-13; TYPE: GENERAL SERVICE; SHAPE: SQ; SUPPL P/N: 477-1; MUST BE ASBESTOS FREE; NOTE - ITEM MUST BE ORIGINAL PACKED	KG	14
246	172809	PACKING, BULK: WIDTH: 14 MM; THICKNESS: 14 MM; MATERIAL: CARBON FIBER; SHAPE: SQ; SUPPL P/N: 477-1; MUST BE ASBESTOS FREE, NOTE - ITEM MUST BE ORIGINAL PACKED	kg	40
247	177465	CASING, PUMP: PUMP SIZE: 250 MM; MATERIAL: CI; DRAWING NO: BBT HTGR90058 POS 796 REV 1; TYPE SERVOMOTOR; FOR IP AND LP BYPASS STOP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE). COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
248	184220	PACKING: WIDTH: 12 MM; MATERIAL: GRAPHITE; SHAPE: SQ; THICKNESS: 12 MM; SLADE 3300CJK; ITEM MUST BE ORIGINAL PACKED AND MARKED	kg	16
249	184221	PACKING: WIDTH: 15.8 MM; MATERIAL: GRAPHITE; SHAPE: SQ; THICKNESS: 15.8 MM; SLADE 3300CJK; ITEM MUST BE ORIGINAL PACKED AND MARKED	kg	16
250	197975	SHEET, GASKET: THICKNESS: 3 MM; LENGTH: 1 M; WIDTH: 1 M; MATERIAL: GRAPHITE; REFERENCE NO: V30011Z31; 0.5 MM SEAMLESS INTERLEAVED WITH 0.05 MM SS SHEETS	EA	16
251	210356	SHEET, GASKET: THICKNESS: 3 MM; LENGTH: 1.5 M; WIDTH: 1.5 M; MATERIAL: GLASS FIBER/NBR; SUPPL P/N: WEBAGL; NOTE ONLY BURGMANN BRAND ACCEPTABLE, STEAM AND WATER APPLICATION, TEMPERATURE: 440 DEG C, PRESSURE: 100 BAR/1450 PSI	EA	12

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252	210360	SHEET, GASKET: THICKNESS: 1.5 MM; LENGTH: 2 M; WIDTH: 1.5 M; MATERIAL: NBR/WOOL MINERAL FIBER; SUPPL P/N: WEBA6000; SUPPLIER NOTE ONLY BURGMANN BRAND ACCEPTABLE, STEAM APPLICATION: PEAK TEMPERATURE: 440 DEG C, CONTINUOUS TEMPERATURE: 350 DEG C, TEMPERATURE WITH STEAM: 300 DEG C, PRESSURE: 120 BAR/1740 PSI. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	4
253	210362	SHEET, GASKET: THICKNESS: 3 MM; LENGTH: 2 M; WIDTH: 1.5 M; MATERIAL: NBR/WOOL MINERAL FIBER; SUPPL P/N: WEBA6000; SUPPLIER NOTE ONLY BURGMANN BRAND ACCEPTABLE, STEAM APPLICATION: PEAK TEMPERATURE: 440 DEG C, CONTINUOUS TEMPERATURE: 350 DEG C, TEMPERATURE WITH STEAM: 300 DEG C, PRESSURE: 120 BAR/1740 PSI. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	16
254	210366	SHEET, GASKET: THICKNESS: 1.5 MM; LENGTH: 2 M; WIDTH: 1.5 M; MATERIAL: ARAMID FIBER/NBR; SUPPL P/N: WEBA203; NOTE ONLY BURGMANN BRAND ACCEPTABLE, APPLICATION: OIL AND WATER, TEMPERATURE: 250 DEG C, PRESSURE: 50 BAR/725 PSI. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	ea	4
255	210375	SHEET, GASKET: THICKNESS: 1 MM; LENGTH: 2 M; WIDTH: 1.5 M; MATERIAL: ARAMID FIBER/NBR; SUPPL P/N: WEBA401; NOTE ONLY BURGMANN BRAND ACCEPTABLE, APPLICATION: OIL, TEMPERATURE: 350 DEG C, PRESSURE: 50 BAR/725 PSI. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	28
256	210852	PACKING, BULK: WIDTH: 12 MM; THICKNESS: 12 MM; LENGTH: 8 M; MATERIAL: GRAPHITE; TYPE: BRAIDED; SHAPE: SQ; SUPPL P/N: C1065; NOTE - ONLY JOHN CRANE BRAND ACCEPTABLE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	EA	4
257	210853	PACKING, BULK: WIDTH: 24 MM; THICKNESS: 24 MM; LENGTH: 8 M; MATERIAL: GRAPHITE; TYPE: BRAIDED; SHAPE: SQ; SUPPL P/N: C1065; NOTE - ONLY JOHN CRANE BRAND ACCEPTABLE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	ea	8

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258	215701	FILTER, ELEMENT: TYPE: OIL; DIMENSIONS: 40 IN; MATERIAL: EPOXY FIBER RESIN BONDED; FILTERING RETENTION: 5 UM; MANUF P/N: UE619AP40Z; PALL ATHALON FILTER ELEMENT WITH FLOUROCARBON O-RING; MANUFACTURED BY PALL CORPORATION; USED ON HDP50 & HDP22 PURIFIERS AND BULK OIL PLANT SYSTEM (CLEAN AND USED DUPLEX FILTRATION UNITS AS WELL AS THE COMMON PALL HNP074 & HNP076 UNIT) AND MOBILE PALL FLUSHING UNITS; APPROVED SOLE SOURCE: APPLIED FILTRATION SERVICES; VENDOR NUMBER: 11066195;	EA	20
259	221096	INHIBITOR: TYPE: CORROSION PROTECTION; CONTAINER: CAN AEROSOL 454 ML; SUPPL P/N: 90102; SUPPLIER NOTE: THE ITEM WILL NOT BE ACCEPTED WITHOUT A MATERIAL SAFETY DATA SHEET, CORROSION	EA	96
260	225596	VALVE, BALL: VALVE SIZE: 32 MM; DESIGN RATING: 1000 KPA; TEMPERATURE RATING: 100 DEG C; CONNECTION: THD; BODY MATERIAL: STAINLESS STEEL; OPERATED: HANDLEVER; STYLE: 2 WAY; TRIM: SEAT RPTF; SS GR 316; GRADE: 316; SUPPL P/N: DLM 1356; DLM ONE PIECE BARSTOCK. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
261	230914	COVER: TYPE: INSERTED; DIMENSIONS: DIA 250 MM; MATERIAL: STL 1.6310; DRAWING NO: 0-46051EL REV 1; INCLUDING NECK RING; FOR USE ON WELLAND AND TUXHORN EFP CONTROL VALVE, PN 400 BAR	EA	6
262	232762	BEARING, SLEEVE: TYPE: JOURNAL; MATERIAL: WHITE METAL; DRAWING NO: GMD 0262301 R1 REV 1; TURBINE, SIZE 250MM, STYLE MEDIUM DUTY; STILTING PAD RADIAL, FOR SLIP RING SHAFT	EA	2
263	235963	TUBE, BOILER BEND: SIZE: 44.5 MM; WALL THICKNESS: 6.3 MM; SHAPE: U; MATERIAL: 16M03TC2; RADIUS: 50 MM; SPECIFICATION: EN10216-2; DRAWING NO: 05-202-0007-0003 REV 1; ECONOMISER 180DEGREES RETURN, 100MM CENTRE TO CENTRE, CONNECTING WITH TYPE TO WELD DET, AS PER ITEM NUMBER 15 FROM STEINMULLER OEM. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
264	256709	GASKET, PRE CUT: DIMENSIONS: SQ 1.5 M X THK 1.5 MM; TYPE: STEAM; MATERIAL: FIBER; SHAPE: RECT; SUPPL P/N: BLUE-GARD 3400; APPLICATION: TURBINE GENERATOR	EA	40
265	527637	SEAL, OIL: INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 62 MM; WIDTH: 10 MM; REFERENCE NO: 356210R4	ea	20

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266	608937	GASKET, PRE CUT: DIMENSIONS: ID 1.484 X OD 1.534 M; THICKNESS: 5 MM; TYPE: ISOLATION; MATERIAL: CERAMIC FIBER; SHAPE: ROUND; TEMPERATURE RATING: 0-1100 DEG C; ISOPLAN 1100; LYTHERM; DATA SHEET REQUIRED FOR QUALITY AND CERTIFICATION PURPOSES; GASKET IS 5 TIMES SEGMENTED; CONVERTOR GASKET LID	EA	2
267	644203	STEM, VALVE: VALVE STYLE: PARALLEL SLIDE; VALVE SIZE: 350 MM; DIAMETER: ID 308 X OD 416 MM; LENGTH: 1133 MM; MATERIAL: ASTM A216 GR WCB; GRADE: ASME2500; APPLICATION: BOILER CIRCULATION PUMP SUCTION VALVE; FURNISHED ITEMS: PERFORATED CAGE TRIM; SPINDLE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	4
268	644364	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: 32 MM; OUTSIDE DIAMETER: 130 MM; LENGTH: 237.9 MM; MATERIAL: CARBON STL; GRADE: EN8; BORE AND KEY: H7; POWER STREAM A-SERIES; CONNECTION SIZE: 55MM; DBSE: 140MM; PHOSPHATE TREATED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
269	654425	FLANGE: TYPE: SQ; DIMENSIONS: ID 45 MM; MATERIAL: CAST IRON; FLANGE HOLES: 4; PCD: 105MM; FIT CONVENTIONAL CYLINDRICAL SHAFT; SET SCREW PREVENT SHAFT SLIPPAGE; LENGTH: 137MM; WIDTH: 38MM; STATIC LOAD RATING: 21.3KN; DYNAMIC LOAD RATING: 34.1KN; SUPPLIER NOTE: THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	EA	216
270	654429	FLANGE: TYPE: SQ; DIMENSIONS: ID 75 MM; MATERIAL: CAST IRON; FLANGE HOLES: 4; FIT CONVENTIONAL CYLINDRICAL SHAFT; SET SCREW PREVENT SHAFT SLIPPAGE; LENGTH: 200MM; UCF215; STATIC LOAD RATING: 48.3KN; DYNAMIC LOAD RATING: 67.3KN; SUPPLIER NOTE: THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	EA	6
271	662726	JOINT, EXPANSION: TYPE: ASH DUCT; SIZE: WD 400 MM; LENGTH: 50 M; CONNECTION: JOINT SPLICING; MATERIAL: GLASS FIBRE; APPLICATION: FLU GAS DUCT; WITH INSULATION AND INNER PROTECTION LAYER AND REINFORCEMENT ON THE FLANGE AREA; TOTAL WIDTH OF 400MM; BREACH OPENNING: 200MM; FLANGE WD: 100MM; INNER MATERIAL: WOVEN FIBRE GLASS-MIM=N 100G/M2; INSULATION LAYER: 10MM FIBRE GLASS NEEDLE MATT-MIN 300G/M2; COVER: WOVEN FIBRE GLASS-MIN 1500G/M2; FLOUROPILUMER RESIN COATED	EA	8

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272	662728	JOINT, EXPANSION: TYPE: ASH DUCT; SIZE: WD 500 MM; LENGTH: 50 M; CONNECTION: JOINT SPLICING; MATERIAL: GLASS FIBRE; APPLICATION: FLU GAS DUCT; WITH INSULATION AND INNER PROTECTION LAYER AND REINFORCEMENT ON THE FLANGE AREA; TOTAL WIDTH OF 500MM; BREACH OPENNING: 300MM; FLANGE WD: 100MM; INNER MATERIAL: WOVEN FIBRE GLASS-MIM 100G/M2; INSULATION LAYER: 10MM FIBRE GLASS NEEDLE MATT-MIN 300G/M2; COVER: WOVEN FIBRE GLASS-MIN 1500G/M2; FLOUROPILUMER RESIN COATED; LAMINTED PTFE/FIBRE GLASS COMPOSITES	EA	8
273	665881	ASSEMBLY: TYPE: CONTROL OIL CHANGE-OVER MACHANISM; APPLICATION: FROM BFPT TO MAIN TURBINE; DIMENSIONS: WD 1400 X LG 1100 X HT 500 MM; MATERIAL: CARBON STEEL; SPECIFICATION: PD5500:2018; COMPRISING: AUX VALVES; INCLUDE ALL FITTINGS AND ASSEMBLY ATTACHMENTS AS REQUIRED; THE UNIT MUST ALSO BE FULLY INTERCHANGEABLE WITH ALL OF THE CURRENT UNITS; INTERCHANGEABLE SET OF FILTER ELEMENTS AS PART OF THE UNIT; DESIGN TEMP: 100DEG C; OPERATING TEMP: 60DEG C; CAPACITY: 73L X 2; SPECIFIC GRAVITY OF PRODUCT: 0.9KG/DM3 AT 20DEG C; CORROSION ALLOWANCE: 3MM; DESIGN PRESSURE: 1000KPA; OPERATING PRESSURE: 200KPA; PRODUCT: POWER OIL; AUX VALVES SPEC: SIZE: 1/2IN; MATERIAL: SS; CONNECTION: FLANGE; TYPE: BALL; BODY MATERIAL: CARBON STEEL; TRIM: CS; SEATS: VITON; O RING: VITON; RATING: 15BAR/MIN; OPERATING MACHANISM: SPINDLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	2

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274	665882	ASSEMBLY: TYPE: LUBE OIL CHANGE-OVER MACHANISM; APPLICATION: FROM BFPT TO MAIN TURBINE; MATERIAL: CARBON STEEL; SPECIFICATION: PD5500:2018; COMPRISING: AUX VALVES; INCLUDE ALL FITTINGS AND ASSEMBLY ATTACHMENTS AS REQUIRED; THE UNIT MUST ALSO BE FULLY INTERCHANGEABLE WITH ALL OF THE CURRENT UNITS; INTERCHANGEABLE SET OF FILTER ELEMENTS AS PART OF THE UNIT; DESIGN TEMP: 100DEG C; OPERATING TEMP: 60DEG C; CAPACITY: 210L X 2; SPECIFIC GRAVITY OF PRODUCT: 0.9KG/DM3 AT 20DEG C; CORROSION ALLOWANCE: 3MM; DESIGN PRESSURE: 1000KPA; OPERATING PRESSURE: 200KPA; PRODUCT: LUBE OIL; FABRICATED MASS: 292KG X 2; AUX VALVES SPEC: SIZE: 1/2IN; MATRIAL: SS; CONNECTION: FLANGE; TYPE: BALL; BODY MATERIAL: CARBON STEEL; TRIM: CS; O RING: VITON; RATING: 15BAR/MIN; OPERATING MACHANISM: GEARBOX. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	2
275	667570	PACKING, BULK: WIDTH: 11.1 MM; THICKNESS: 11.1 MM; LENGTH: 8 M; MATERIAL: CARBON YARN; APPLICATION: FOR HIGH PRESSURE GENERAL VALVE SERVICE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-13; SPECIFICATION: ISO9001/14001; TEMPERATURE RANGE: 566 DEG C; LUBRICATION MATERIAL: PTFE; SHAPE: SQUARE; SUPPL P/N: 004737; STYLE: 447-1; 15.85LB PER BOX. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
276	668450	VALVE, CHECK: TYPE: SWING; VALVE SIZE: 10 MM; DESIGN RATING: 3.5 MPA; TEMPERATURE RATING: 50 DEG C; CONNECTION: BSP; BODY MATERIAL: BRASS; FACE TO FACE LENGTH: 80 MM; OPERATED: NRV/FLIP DISC; STYLE: THREAD CAP; APPLICATION: LUBE OIL SYSTEM; SUPPLIER NOTE: THE ITEM MUST BE PROTECTIVELY PACKED AND MARKED. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	ea	16

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277	718047	TRAP, STEAM: TYPE: TD42L; CONNECTION: SCREW, 1/2 IN; PRESSURE RATING: 42 BAR; MATERIAL: STAINLESS STEEL, 316; MATERIAL CERTIFICATE 3.1 MUST BE MADE AVAILABLE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	4
278	719708	COUPLING: TYPE: NEUPEX A; SIZE: 160 MM; MATERIAL: CAST IRON; CONNECTION 1 SIZE: 108 MM; CONNECTION 2 SIZE: 160 MM; PART1:	EA	24
279	724858	O RING: INSIDE DIAMETER: 9.6 MM; WIDTH: 20 M; MATERIAL: VITON; INDUSTRY STANDARD: ISO 37; ISO 868; COLOR: BLACK; APPLICATION: GENERATOR HYDROGEN COOLER; SHORE HARDNESS: G70-034; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	40
280	749824	VALVE, SOLENOID: PIPE SIZE: 10 MM; STYLE: DETACHABLE COIL; POTENTIAL: 24 V; DESIGN RATING: 350 BAR; CONNECTION: MANIFOLD MOUNT; BODY MATERIAL: ALUMINIUM; OPERATED: OIL; ENCLOSURE RATING: 10 BAR; MEDIUM: HYDRAULIC; SOFTGOODS: VITON RINGS; APPLICATION: CONTROL FLOW; SPECIFICATION: 3 POSITION 4 PORTS; CLASSIFICATION: IP65; MANUF P/N: EGZ4N9K4/M. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
281	749829	VALVE, SOLENOID: PIPE SIZE: 5 MM; STYLE: SPOOL IN BODY; POTENTIAL: 24 V; DESIGN RATING: 35 MPA; BODY MATERIAL: SUB PLATE; OPERATED: HYDRAULIC; ENCLOSURE RATING: 10 BAR; MEDIUM: OIL; SOFTGOODS: VITON; APPLICATION: HYDRAULIC POSITIONING AND PRESSURE CONTROL; SPECIFICATION: 4/3 DIRECTION CONTROL VALVE; CLASSIFICATION: IP65; MANUF P/N: P60KAMOV5X2. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
282	750233	STUD, ASSEMBLY: DIAMETER: 22 MM; THREAD: M22; LENGTH: 20 M; STUD MATERIAL: HI-TENSILE CARBON STEEL; NUT QUANTITY: 60; NUT MATERIAL: HI-TENSILE; NUT GRADE: 8.8; STUD GRADE: 8.8; THREAD LENGTH: FULL/ 20 M; STUD PROTECTIVE COATING: ZINC PLATED; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE. WASHER	kg	60

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		MATERIAL: MILD CARBON STEEL; WASHER QUANTITY: 60		
283	750247	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 86 MM; FILLER INSIDE DIAMETER: 67 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE:240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	24
284	750248	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 75 MM; FILLER INSIDE DIAMETER: 67 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE:240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
285	750249	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 90 MM; FILLER INSIDE DIAMETER: 74 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 3.2 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE:240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	10

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286	750250	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 90 MM; FILLER INSIDE DIAMETER: 75 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 3.2 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE.. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
287	750251	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 64 MM; FILLER INSIDE DIAMETER: 45 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	32
288	750278	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 126 MM; FILLER INSIDE DIAMETER: 112 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE; TYPE: METAFLEX. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
289	750279	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 116 MM; FILLER INSIDE DIAMETER: 112 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; MAINTENACE BOILER OR TURBINE SUPERVISOR OR APPOINTED QC PERSONNEL TO VERIFY THE TECHNICAL DATA INFORMATION; TYPE: METAFLEX. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12

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290	750288	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 120 MM; FILLER INSIDE DIAMETER: 102 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE.. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
291	750293	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 127 MM; FILLER INSIDE DIAMETER: 88 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATE IF APPLICABLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
292	750310	STUD, ASSEMBLY: DIAMETER: 20 MM; THREAD: M20; LENGTH: 50 M; STUD MATERIAL: HI-TENSILE CARBON STEEL; NUT QUANTITY: 60; NUT MATERIAL: HI-TENSILE; NUT GRADE: 8.8; STUD GRADE: 8.8; THREAD LENGTH: Full/50 M; STUD PROTECTIVE COATING: ZINC PLATED; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE. WASHER MATERIAL: MILD CARBON STEEL; WASHER QUANTITY: 60. H /Tensile Coarse type	EA	60
293	750311	STUD, ASSEMBLY: DIAMETER: 16 MM; THREAD: M16; LENGTH: 20 M; STUD MATERIAL: HTS; NUT QUANTITY: 60; NUT MATERIAL: HI-TENSILE; NUT GRADE: 8.8; STUD GRADE: 8.8; THREAD LENGTH: 20/ Full M; STUD PROTECTIVE COATING: ZINC PLATED; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE WASHER MATERIAL: MILD CARBON STEEL; WASHER QUANTITY: 60	kg	60

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294	750315	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 126 MM; FILLER INSIDE DIAMETER: 93 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATE IF APPLICABLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
295	750316	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 112 MM; FILLER INSIDE DIAMETER: 102 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO9001; THICKNESS: 4.5 MM; TYPE: METAFLEX. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
296	750317	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 142 MM; FILLER INSIDE DIAMETER: 104 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
297	750318	GASKET, SPIRAL WOUND: STYLE: PLAIN; FILLER OUTSIDE DIAMETER: 55 MM; FILLER INSIDE DIAMETER: 45 MM; PRESSURE RATING: 24.5 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; SPECIFICATION: ISO 9001; THICKNESS: 4.5 MM; MATERIAL: HOSHDRUCK; NOMINAL TEMPERATURE: 240-535 °C; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
298	750355	REDUCER, PIPE: TYPE: FEED WATER CONNECTION; NOMINAL SIZE: 88.9 to 60.3 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; 88.9 OD TO 60.3 MM; OD SCH 40 CARBON STEEL REDUCER	EA	40

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299	750356	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 168.3 MM; MATERIAL: CARBON STEEL; LENGTH: 6 M; WALL THICKNESS: 7.1 MM; 168.3 OD X 7.11 MM WT: CARBON STEEL PIPE	Metres	600
300	750363	ELBOW, PIPE: SIZE: 88.9 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 133.35 MM; TYPE: FEED WATER CONNECTION; 88.9 MM OD, CARBON STEEL ELBOW	Meters	100
301	750367	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 21 MM; MATERIAL: CARBON STEEL; LENGTH: 6 M; WALL THICKNESS: 3 MM; 21 OD X 3 MM WT; CARBON STEEL PIPE	Metres	600
302	750368	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 219.1 MM; MATERIAL: CARBON STEEL; LENGTH: 6 M; WALL THICKNESS: 8.18 MM; 219.1 OD X 8.18 MM WT: CARBON STEEL	Metres	600
303	750369	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 273.1 MM; MATERIAL: CARBON STEEL; LENGTH: 6 M; WALL THICKNESS: 9.27 MM; 273.1 OD X 9.27 MM WT: CARBON STEEL PIPE	Metres	600
304	750370	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 323.9 MM; MATERIAL: CARBON STEEL; LENGTH: 6 M; WALL THICKNESS: 9.53 MM; 323.9 OD X 9.53 MM WT; CARBON STEEL PIPE	Metres	600
305	750371	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 406.4 MM; MATERIAL: CARBON STEEL; LENGTH: 6 M; WALL THICKNESS: 9.53 MM; 406.4 OD X 9.53 MM WT: CARBON STEEL PIPE	Metres	600
306	750372	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 48 MM; MATERIAL: 16M03; LENGTH: 6 M; WALL THICKNESS: 6.3 MM	Meters	600
307	750373	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 76 MM; MATERIAL: 16M03; LENGTH: 6 M; WALL THICKNESS: 6.3 MM. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	Metres	600
308	750375	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 88.9 MM; MATERIAL: 16M03; LENGTH: 6 M; WALL THICKNESS: 10 MM. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	Metres	600
309	750376	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 88.9 MM; MATERIAL: 16M03; LENGTH: 6 M; WALL THICKNESS: 8.8 MM. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	Metres	600

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310	750377	ELBOW, PIPE: SIZE: 114.3 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 171.45 MM; TYPE: FEED WATER CONNECTION	EA	60
311	750378	ELBOW, PIPE: SIZE: 168.3 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 252.45 MM; TYPE: FEED WATER CONNECTION	EA	60
312	750379	ELBOW, PIPE: SIZE: 219.1 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 328.65 MM; TYPE: FEED WATER CONNECTION	EA	60
313	750381	ELBOW, PIPE: SIZE: 273.1 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 409.65 MM; TYPE: FEED WATER CONNECTION	EA	60
314	750382	ELBOW, PIPE: SIZE: 323.9 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 485.85 MM; TYPE: FEED WATER CONNECTION	EA	60
315	750383	ELBOW, PIPE: SIZE: 355.6 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 533.4 MM; TYPE: FEED WATER CONNECTION	EA	60
316	750384	ELBOW, PIPE: SIZE: 406.4 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 609.6 MM; TYPE: FEED WATER CONNECTION	EA	60
317	750385	REDUCER, PIPE: TYPE: FEED WATER CONNECTION; NOMINAL SIZE: 141.3 TO 114.3 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL	EA	60
318	750386	REDUCER, PIPE: TYPE: FEED WATER CONNECTION; NOMINAL SIZE: 168.3 TO 114.3 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL	EA	60
319	750387	REDUCER, PIPE: TYPE: FEED WATER CONNECTION; NOMINAL SIZE: 219.1 TO 168.3 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL	EA	60
320	750388	REDUCER, PIPE: TYPE: FEED WATER CONNECTION; NOMINAL SIZE: 26.7 TO 21 MM; CONNECTION: UNTHREADED; MATERIAL: CARBON STEEL	EA	40
321	750390	STUD, ASSEMBLY: DIAMETER: 24 MM; THREAD: METRIC COURSE-STANDARD (M24); LENGTH: 20 M; STUD MATERIAL: HI-TENSILE CARBON STEEL; NUT QUANTITY: 60; NUT MATERIAL: HI-TENSILE; NUT GRADE: 8.8; STUD GRADE: 8.8; THREAD LENGTH: 20 M; STUD PROTECTIVE COATING: ZINC PLATED; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE; WASHER MATERIAL: MILD CARBON STEEL; WASHER QUANTITY: 60	kg	60

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322	750391	STUD, ASSEMBLY: DIAMETER: 27 MM; THREAD: METRIC COURSE-STANDARD (M27); LENGTH: 20 M; STUD MATERIAL: HI-TENSILE CARBON STEEL; NUT QUANTITY: 60; NUT MATERIAL: HI-TENSILE; NUT GRADE: 8.8; STUD GRADE: 8.8; THREAD LENGTH: Full/20 M; STUD PROTECTIVE COATING: ZINC PLATED; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE; WASHER MATERIAL: MILD CARBON STEEL; WASHER QUANTITY: 60	EA	60
323	750392	STUD, ASSEMBLY: DIAMETER: 30 MM; THREAD: METRIC COURSE-STANDARD (M30); LENGTH: 20 M; STUD MATERIAL: HI-TENSILE CARBON STEEL; NUT QUANTITY: 60; NUT MATERIAL: HI-TENSILE; NUT GRADE: 8.8; STUD GRADE: 8.8; THREAD LENGTH: 20 M; STUD PROTECTIVE COATING: ZINC PLATED; TECHNICAL DATA SHEET AND EN10204 MATERIAL CERTIFICATION IF APPLICABLE; WASHER MATERIAL: MILD CARBON STEEL; WASHER QUANTITY: 60	kg	60
324	750483	O RING SET: TYPE: ROUND; APPLICATION: SEALING OF STRAINER COVERS; QUANTITY: 2; MATERIAL: VITON; SIZE RANGE: OD 58 X ID 48 X THK 5 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
325	750484	O RING SET: TYPE: ROUND; APPLICATION: SEALING OF STRAINER COVERS; QUANTITY: 2; MATERIAL: VITON; SIZE RANGE: OD 90 X ID 80 X THK 5 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
326	750485	O RING SET: TYPE: ROUND; APPLICATION: SEALING OF STRAINER COVERS; QUANTITY: 2; MATERIAL: VITON; SIZE RANGE: OD 20 X ID 16 X THK 2 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
327	750486	O RING SET: TYPE: ROUND; APPLICATION: SEALING OF STRAINER COVERS; QUANTITY: 2; MATERIAL: VITON; SIZE RANGE: OD 60 X ID 52 XTHK 4 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
328	750487	INSERT, TUBE: OUTSIDE DIAMETER: 12 MM; INSIDE DIAMETER: 12 MM; MATERIAL: STAINLESS STEEL, 316; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	12

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329	750488	INSERT, TUBE: OUTSIDE DIAMETER: 14.28 MM; INSIDE DIAMETER: 8 MM; MATERIAL: STAINLESS STEEL, 316; UNION TEE, LENGTH X 30 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
330	750489	INSERT, TUBE: OUTSIDE DIAMETER: 8 MM; INSIDE DIAMETER: 6 MM; MATERIAL: STAINLESS STEEL, 316; LENGTH X 6.1 M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
331	750491	INSERT, TUBE: OUTSIDE DIAMETER: 12 MM; INSIDE DIAMETER: 8 MM; MATERIAL: STAINLESS STEEL, 316; FRONT FERRULE, 8 MM PIPE FITTING CONNECTION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	12
332	750578	BOLT, ASSEMBLY: TYPE: FULLY THREADED M27 X 120MM; NOMINAL DIAMETER: 16 MM; LENGTH: 75 MM; HEAD: 24 MM; GRADE: 8.8; MATERIAL: STAINLESS STEEL; THREAD LENGTH: 65 MM; THREAD: RIGHT HAND; NUT QUANTITY: 1; NUT MATERIAL: STAINLESS STEEL; RIGHT HAND THREAD DIRECTION, PITCH SIZE X 2.5 MM	EA	4
333	750579	UNION: TYPE: PIPE; SIZE: 8 MM; CONNECTION: THREADED; MATERIAL: STAINLESS STEEL; 1/2 INCH THREADED PITCH AND 20 MM THREADED LENGTH	EA	8
334	750580	ELBOW: TYPE: ASTM A234 WPD; SIZE: 21.3 MM; CONNECTION: BUTT WELD; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 38.1 MM; SCHEDULE: 80; GRADE: ANSI B16.9; SPECIFICATION: ANSI B16.9; BUTT WELD FITTING, WALL THICKNESS X 3.73 MM AND ID X 13.9 MM	EA	14
335	750581	BOLT, ASSEMBLY: TYPE: THREADED; NOMINAL DIAMETER: 20 MM; LENGTH: 75 MM; HEAD: 30 MM; GRADE: 8.8; MATERIAL: STAINLESS STEEL; THREAD LENGTH: 50 MM; THREAD: RIGHT HAND; NUT QUANTITY: 1; NUT MATERIAL: STAINLESS STEEL; NUT GRADE: 8.8; RIGH HAND THREAD DIRECTION,	EA	4

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336	750652	PACKING, PREFORMED: INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 80 MM; THICKNESS: 10 MM; TYPE: PRESSURE SEAL DEG; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH 45-DEGREE ANGLED FACE. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	30
337	750653	PACKING, PREFORMED: INSIDE DIAMETER: 28 MM; OUTSIDE DIAMETER: 60 MM; THICKNESS: 16 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	160
338	750654	PACKING, PREFORMED: INSIDE DIAMETER: 32 MM; OUTSIDE DIAMETER: 50 MM; THICKNESS: 10 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	60
339	750655	PACKING, PREFORMED: INSIDE DIAMETER: 24 MM; OUTSIDE DIAMETER: 50 MM; THICKNESS: 16 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	50
340	750656	PACKING, PREFORMED: INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 45 MM; THICKNESS: 8 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	50

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341	750657	PACKING, PREFORMED: INSIDE DIAMETER: 386 MM; OUTSIDE DIAMETER: 425 MM; THICKNESS: 20 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH 45-DEGREE ANGLED FACE. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	12
342	750659	PACKING, PREFORMED: INSIDE DIAMETER: 335 MM; OUTSIDE DIAMETER: 375 MM; THICKNESS: 30 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE). COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	16
343	750660	PACKING, PREFORMED: INSIDE DIAMETER: 296 MM; OUTSIDE DIAMETER: 340 MM; THICKNESS: 28 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN.. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	12
344	750661	PACKING, PREFORMED: INSIDE DIAMETER: 260 MM; OUTSIDE DIAMETER: 273 MM; THICKNESS: 9 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN, TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS, PRESSURE RATING OR STRENGTH (MPA) >_4.0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20

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345	750663	PACKING, PREFORMED: INSIDE DIAMETER: 305 MM; OUTSIDE DIAMETER: 325 MM; THICKNESS: 20 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH 45-DEGREE ANGLED FACE. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	12
346	750664	PACKING, PREFORMED: INSIDE DIAMETER: 280 MM; OUTSIDE DIAMETER: 300 MM; THICKNESS: 14 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; MAINTENACE BOILER OR TURBINE SUPERVISOR OR APPOINTED QC PERSONNEL TO VERIFY THE TECHNICAL DATA. INFORMATION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8
347	750665	PACKING, PREFORMED: INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 50 MM; THICKNESS: 10 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN. TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS. PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	80
348	750666	PACKING, PREFORMED: INSIDE DIAMETER: 250 MM; OUTSIDE DIAMETER: 280 MM; THICKNESS: 25 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH 45-DEGREE ANGLED FACE., TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS, PRESSURE RATING OR STRENGTH (MPA); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	ea	8
349	750667	PACKING, PREFORMED: INSIDE DIAMETER: 245 MM; OUTSIDE DIAMETER: 280 MM; THICKNESS: 15 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH 45-DEGREE ANGLED FACE., TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS, PRESSURE RATING OR STRENGTH (MPA) >_4.0.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	8

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350	750668	PACKING, PREFORMED: INSIDE DIAMETER: 202 MM; OUTSIDE DIAMETER: 230 MM; THICKNESS: 20 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN, TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS, PRESSURE RATING OR STRENGTH (MPA) >_4.0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
351	750671	PACKING, PREFORMED: INSIDE DIAMETER: 110 MM; OUTSIDE DIAMETER: 125 MM; THICKNESS: 12 MM; TYPE: PRESSURE SEAL; MATERIAL: GRAFOIL/GRAPHITE; CONSIST OF TWO PARTS WITH A SQUARE DESIGN, TEMPERATURE RATING RANGE 450-600 DEGREES CELSIUS, PRESSURE RATING OR STRENGTH (MPA) >_4.0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).. COMPLIANCE TO 3.1 INSPECTION CERTIFICATION IN ACCORDANCE WITH EN 10204:2004 (FOR PER COMPONENTS) AS REQUIRED AND SHALL BE ISSUED AT THE PLANT OF MANUFACTURE, PRIOR TO DISPATCH TO ESKOM – KRIEL POWER STATION.	EA	20
352	751401	CONNECTOR: TYPE: NPT THREAD; DIMENSIONS: DIA9.53 X LG39.5 MM; MATERIAL: STAINLESS STEEL; TUBE TO MALE CONNECTOR	EA	20
353	751402	CONNECTOR: TYPE: TAPERED THREADED; DIMENSIONS: DIA8 X LG 41 XTHK 1 MM; MATERIAL: STAINLESS STEEL; TUBE TO MALE CONNECTOR	EA	10
354	751404	BOLT, ASSEMBLY: TYPE: STUD; NOMINAL DIAMETER: 20 MM; LENGTH: 145 MM; HEAD: HEXAGON; GRADE: 8.8; MATERIAL: STAINLESS STEEL,316; THREAD LENGTH: 145 MM; THREAD: RIGHT HAND; NUT QUANTITY: 2; NUT MATERIAL: STAINLESS STEEL ,304; THREAD 1 LENGTH X 30 MM, THREAD 2 LENGTH X 30 MM AND SHANK LENGTH X 85 MM; THREAD DIAMETER X 20 MM AND PITCH X 2.5 MM; STUDS ARE THREADED ON BOTH SIDES WITH A SHANK IN THE MIDDLE	EA	120
355	751405	BOLT, ASSEMBLY: TYPE: STUD; NOMINAL DIAMETER: 16 MM; LENGTH: 140 MM; HEAD: HEXAGON; GRADE: 8.8; MATERIAL: STAINLESS STEEL,316; THREAD LENGTH: 140 MM; THREAD: RIGHT HAND; NUT QUANTITY: 2; NUT MATERIAL: STAINLESS STEEL ,304; THREAD 1 LENGTH X 30 MM, THREAD 2 LENGTH X 30 MM AND SHANK LENGTH X 80MM; THREAD DIAMETER X 16 MM AND PITCH X 2.5 MM; STUDS ARE THREADED BOTH SIDES WITH A SHANK IN THE MIDDLE	EA	120

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356	751406	BOLT, ASSEMBLY: TYPE: STUD; NOMINAL DIAMETER: 16 MM; LENGTH: 150 MM; HEAD: HEXAGON; GRADE: 8.8; MATERIAL: STAINLESS STEEL,316; THREAD LENGTH: 150 MM; THREAD: HEXAGON; NUT QUANTITY: 2; NUT MATERIAL: STAINLESS STEEL ,304; THREAD 1 LENGTH X 30 MM, THREAD 2 LENGTH X 30 MM AND SHANK LENGTH X 90MM; THREAD DIAMTER X 16 MM AND PITCH 2.5 MM; STUDS ARE THREADE ON BOTH SIDES WITH A SHANK IN THE MIDDLE	EA	120
357	751801	BELLOWS: TYPE: 313; PRESSURE RANGE: 400 KPA; MATERIAL: EPDM; DIMENSIONS: DIA 250 NB MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
358	753602	ELBOW: TYPE: ASTM A234 WPD; SIZE: 21.3 MM; CONNECTION: BUTT WELD; MATERIAL: CARBON STEEL; DEGREE: 90 DEG; RADIUS: 38.1 MM; SCHEDULE: 40; GRADE: ANSI B16.9; SPECIFICATION: ANSI B16.9; BUTT WELD FITTING, WALL THICKNESS X 2.7 MM AND ID X 15.88	EA	20
359	160084	COMPOUND, SEALING: TYPE: PIPE JOINT; COLOR: BROWN; CONTAINER: CAN 1 KG; FOLIAC REQUIRED THE NEW STANDARD FOR RELIABILITY POINT 1 TO 16 MATERIAL SAFETY DATA SHEET WITH EVERY DELIVERY	EA	40

### 2.1.2 Purpose

The purpose of this document is to define the scope of work/list of spares that need to be supplied to Kriel Power station Stores.

### 2.1.3 Applicability

This document is applicable to Kriel Power Station.

## 2.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

### 2.2.1 Normative

- [1] 240-168966153 Generation Tender Technical Evaluation Procedure
- [2] QM 58: Supplier Contract Quality Requirements.
- [3] ISO 9001: Quality Management Systems.
- [4] ISO 14001: Environmental Standard.

### 2.2.2 Informative

- [5] 240-105658000: Supplier Quality Management Specification.
- [6] BS EN 10204:2004 Metallic Products: Types of Inspection Documents.

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- [7] QM 58 Supplier Contract Quality Requirements Specification.
- [8] 240-28463367: SHE Organization.
- [9] 240-30008949: Safety, Health, and Environmental Specifications for Contractors.
- [10] 240-49230111: Hazard and Operability Analysis (HAZOP) Guideline (Rev 1).
- [11] 32-421: Cardinal Rules.

### 2.2.3 Classification

**Controlled Disclosure:** Controlled Disclosure to external parties (either enforced by law, or discretionary).

### 2.3 ABBREVIATIONS

Abbreviation	Description
ID	Internal Diameter
CS	Carbon Steel
SS	Stainless Steel
MM	Millimetres
OD	Outer Diameter
MTL	Metal
STRCTRL	Structural
STL	Steel

### 2.4 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure

### 2.5 PROCESS FOR MONITORING

N/A

### 2.6 RELATED/SUPPORTING DOCUMENTS

N/A

### 3. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Rofhiwa Nelwamondo	Kriel Engineering Manager
Thapelo Masokoane	Boiler Engineering Manager
Mulatedzi Mugwena	Officer Materials Planning
Feyane Tivane	Engineer - Boiler
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#### 4. REVISIONS

Date	Rev.	Compiler	Remarks
April 2024	0	T Rupere	Draft
June 2024	1	T Rupere	New document
July 2024	2	T Rupere	Revise item descriptions
July 2024	3	T Rupere	Revise item descriptions
November 2024	4	T Rupere F Tivane	Review of Table 1
February 2025	5	MJ Mkhonto	Removed items that were covered by other contracts

#### 5. DEVELOPMENT TEAM

The following people were involved in the development of this document:

- John Mkhonto
- Ishfaaq Ramathula
- Motsie Montshiwagae
- Feyane Tivane
- Yolani Cwala

#### 6. ACKNOWLEDGEMENTS

- Pieter Labuschagne
- Xolani Sigwebela
- Taku Rupere
- Yolani Cwala
- Feyane Tivane

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