⊗ Eskom		Strategy		Gx Generation
1	Handling Plan	elivery of Dust t Spares & SO3	Unique Identifier	240-53716746
Refurbished Spares on As and When Required basis at Kriel Power Station for a period of Five years		quired basis at tation for a	Alternative Reference Nur	mber N/A
			Area of Applicability	Engineering/ Maintenance
			Documentation Type	Strategy
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Compile	d by	Reviewed by	Functional Responsibility	Authorised by
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Date 13/	/04/2023	Date 2023/04/18	Date 18/04/2024	Date 65/05/2023

Feyane Tivane

System Engineer (Boiler Plant Engineering)

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1. INTRODUCTION

The current Atmospheric Emission License (AEL 17/4/AEL/MP312/11/9) issued on the 31 March 2019 for Kriel Power Station requires that the station should comply with a limit of 125mg/Nm3 on continuous basis New licence conditions will be imposed as from 2020 where Kriel Power station is expected to comply with a new limit of 50mg/Nm3. It is required then for licence holder to ensure that these conditions are always adhered to through a continuous focus on the operating, optimization and maintenance of the plant.

ESP is the latest dust emission abatement technology use to remove dust particles out of flue gases before going through smoke stack chimney to meet AEL limits requirements of 50 mg/Nm3. For this to happen effectively, maintenance work must be done at both all moving and damaged non-rotatable components found inside and outside ESP casing chamber such as

2. SUPPORTING CLAUSES

2.1 SCOPE

This document discusses the different technical aspects that will be evaluated and scored by the multi-disciplinary Technical Evaluation Team (TET) for Supply and Delivery of Dust Handling Plant Spares & SO3 plant Refurbished Spares on As and When Required basis at Kriel Power Station for a period of Five years. The team members who will be involved in the evaluation are listed and appointed in this document along with their responsibilities. This document also describes the acceptable and unacceptable risks and qualifications and/or conditions that will be applicable to the Scope of Work. Once the Technical Evaluation Strategy is authorised, no changes will be made to the evaluation criteria without the appropriate authorisations.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This document applies 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] Tender Technical Evaluation Procedure

2.2.2 Informative

[2] ISO 9001 Quality Management Systems

CONTROLLED DISCLOSURE

- [3] 474-59 Internal Audit Procedure
- [4] 32-1034 Eskom Procurement Policy and supply chain management policy

2.3 DEFINITIONS

2.3.1 Classification

 Controlled disclosure: controlled disclosure to external parties (either enforced by law, or discretionary)

2.4 ABBREVIATIONS

Definition	Description	
C&I	Control and Instrumentation	
CE	Collection Electrode	
DE	Discharge Electrode	
ESP	Electrostatic Precipitators	
°C	Degree Celcius	
PM	Particulate Matter	
TET	Technical Evaluation Team	

2.5 ROLES AND RESPONSIBILITIES

- Senior Advisor and System Engineer The Advisor and Engineer are responsible for compiling and review of technical tender document
- Technical Evaluation Team (TET) Member The delegated engineers/technical specialists are responsible for review and evaluate technical aspects of the tender documentation Tender TET

2.6 PROCESS FOR MONITORING

The design aspects will be monitored by conducting end of phase design reviews as described in the Eskom design review procedure at assessment completion

2.7 RELATED/SUPPORTING DOCUMENTS

[11] 240-53716746 Tender Technical Evaluation Report

[12] 240-53716712 Tender Technical Evaluation Results Form

[13] 240-53716726 Tender Technical Evaluation Scoring Form

[14] 240-53716769 Tender Technical Evaluation Strategy

CONTROLLED DISCLOSURE

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met unless set otherwise. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion. The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 80%.

3.2 TET MEMBERS

Table 1 below lists the TET members

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Thulanı Ndlovu	System Engineer (Auxiliary plant Engineering)
TET 2	Spha Bıyela (Pr Eng)	Senior Advisor (Technical Support)
TET4	Tivane Feyane	System Engineer (Boiler Plant Engineering)

3.3 MANDATORY TECHNICAL EVALUATION STRATEGY (GATE KEEPERS)

Table 2: Mandatory Technical Evaluation Strategy (Gatekeepers)

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1	The Service Provider must have a Mechanical Workshop	Verifiable ownership letter or signed lease agreement	Scope of work includes refurbishment work

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	· · · · · · · · · · · · · · · · · · ·		Specification / Tender	Criteria Weighting (%)
1	Com	pany Experience and Capacity		20
	11	Proof of similar Work (refurbishment service or supply of mechanical spares) in last 18 months completed 1 Valve/ Trap 2. Pumps/Bel 3 Gearbox 4. Gasket/Filter	Signed Delivery note with verifiable details Contact Person, purchase Order number	

	Points to be allocated using the following criteria: No Proof of similar Work (refurbishment service or supply of mechanical spares) in last 18 months Completed Opts Similar Work (refurbishment service or supply of mechanical spares) in last 18 months Completed — submitted Max 2 items 2pts Similar Work (refurbishment service or supply of mechanical spares) in last 18 months Completed - Submitted maximum 4 items 4pts Similar Work (refurbishment service or supply of mechanical spares) in last 18 months Completed - Submitted maximum 5 items or . 5pts		
2.	MATERIAL TECHNICAL SPECIFICATION		40
	2.1 Material data sheets of the following items as list at appendix 07 The criterion covers material technical specification. As per scope of work. Service provider with provider material data sheets as list on appendix 1 under point 07 of this document.	Tender Returnable Material Data sheet specifications As per scope of work	
	No Proof of correct material data sheets for supply of mechanical spares as list on SOW and appendix Opts. Maximum of 30 correct material data sheets for supply of mechanical spares as list on SOW and appendix 2pts Minimum of 31 and Maximum of 118 correct material data sheets for supply of mechanical spares as list on SOW and appendix. 4pts		

	Minimum of 118 and Maximum of 147 correct material data sheets for supply of mechanical spares as list on SOW and appendix 5pts		
3.	Refurbishment Method Statement		40
	3 1 Servicer Provide to detail Method Statement that will	Tender Returnable	
	followed to overhaul the Rapper Gear Box and Sulphur offloading pump	Detail Method Statement	(20)
	1 GEARBOX TYPE RAPPER, POWER 0 18 KW, REFERENCE NO R73R40DT63N4, PRECIP WIRE, Points to be allocated using the following criteria: No Method Statement or a Method statement that is not relevant to the scope and lack technical details. Opts A method statement that has the technical knowhow only. 2pts Detailed method statement that outlines technical know-how, omitted safety and quality only. 4pts		
	 Comprehensive method statement that outlines technical know-how, safety and quality. 5pts 		
	2. PUMP TYPE ASPHALT, REFERENCE NO Q34, WITH SEW GEARBOX RX81 MOUNT ON PEDESTAL WITH A MOTOR Points to be allocated using the following criteria:		(20)
	No Method Statement or a Method statement that is not relevant to the scope and lack technical details Opts A method statement that has the technical knowhow only 2pts		

~

 Detailed method statement that outlines technical know-how, omitted safety and quality only 4pts Comprehensive method statement that outlines technical know-how, safety and quality 5pts 		
	Threshold is 80%	TOTAL: 100

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	
1	X	X	X	
Qualitative Criteria Number	TET 1	TET 2	TET 3	
1	Χ	X	X	
2	X	X	X	
3	X	X	X	

4. AUTHORISATION

This document has been seen and accepted by

Member Name	Designation
Tıvane Feyane	System Engineer (Boiler Engineering)
Spha Bıyela (Pr Eng)	Senior Advisor (Technical Support)
Thulanı Ndlovu	System Engineer (Auxiliary Engineering)

5. REVISIONS

Date	Rev.	Compiler	Remarks
06 Aprıl 2023	01	S Bıyela	Original

6. DEVELOPMENT TEAM

The following people were involved in the development of this document

- Thulanı Ndlovu
- Spha Bıyela (Pr Eng)

7. APPENDIX

Appendix 01

No		
1	KEY PUSH/PULL OUTER	KEY TYPE PUSH/PULL OUTER, DRAWING NO 242(AO)40115 REV 1, REFERENCE NO M242(AO)40030/16, FOR USE WITH HIGH PRESSURE AND INTERMEDIATE PRESSURE CYLINDERS
2	V BELT SET 3,13 MM,1 9 M	V BELT SET NUMBER OF BELTS 3, TOP WIDTH 13 MM, OUTSIDE CIRCUMFERENCE 1.9 M, SUPPL P/N SPA13NX1900, TO BE BUNDLED AND MARKED, THICKNESS 10MM, MATCHED, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
3	V BELT SET 3	V BELT SET NUMBER OF BELTS 3, SUPPL P/N VB17X11X2200, TO BE BUNDLED AND MARKED AS A SET, MATCHED, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
4	SHAFT IMPELLER,LG 720 MM	SHAFT TYPE IMPELLER, LENGTH 720 MM, MATERIAL HBC315-1 CLASS 1V, FOR USE WITH FAN TYPE ACE, 2100 RPM, AIR VOLUME 100 M3/MIN, 3500 KPA MAX STATIC PRESSURE, 5 9KW ABSORBED POWER AT 20 DEG C, NOTE SIZE 50MM OD, ONLY ONE KEY WAY REQUIRE ON SHAFT, KEY WAY SIZE 14MM WD X 9MM THK X 100MM LG, TO BE SUPPLY WITH KEY
5	SLEEVE ADPTR BEARING,50 MM,LG 45 MM,STL	SLEEVE, ADAPTOR TYPE BEARING, SHAFT SIZE 50 MM, LENGTH 45 MM, MATERIAL STL, SUPPL P/N H311, SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
6	BRG RLR SELF ALIGNING, SPHERICAL,ID 55	BEARING, ROLLER TYPE SELF ALIGNING, SPHERICAL, INSIDE DIAMETER 55 MM, OUTSIDE DIAMETER 100 MM, WIDTH 25 MM, ROW DOUBLE, MODEL NO 22211 CCK, NOTE - ITEM MUST BE ORIGINAL PACKED
7	SLEEVE ADPTR BEARING,150 MM,LG 122 MM	SLEEVE, ADAPTOR TYPE BEARING, SHAFT SIZE 150 MM, LENGTH 122 MM, MATERIAL STL, SUPPL P/N H3134, SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PACKED AND MARKED, SIZE 220MM OD, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

...

8	RING RETNG ID 241 X OD 251 X THK 5 MM,AL	RING, RETAINING DIMENSIONS ID 241 X OD 251 X THK 5 MM, TYPE INTERNAL, MATERIAL AL, REFERENCE NO FRB10-290, LOCATING
9	HOUSING BRG UNIT PILLOW,ID 67 MM,CI	HOUSING, BEARING UNIT TYPE PILLOW, BORE ID 67 MM, MATERIAL CI, SUPPL P/N SNL511-609, SUPPLIER NOTE THE ITEM MUST BE COMPLETE WITH A GREASE NIPPLE INSTALLED AND SHAFT SEALS., VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
10	CLLR ID 241 X OD 251 X THK 10 MM,AL	COLLAR DIMENSIONS ID 241 X OD 251 X THK 10 MM, MATERIAL AL, TYPE SEALING, SUPPL P/N TS 34
11	DEFLECTOR PLATE,WD 185 X LG 270 X HT 175	DEFLECTOR TYPE PLATE, DIMENSIONS WD 185 X LG 270 X HT 175 MM; MATERIAL CI, SUPPL P/N P2183A, REFERENCE NO 3291/0233/96, SIZE 100MM; FOR NEW DRY DUST PLANT, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
12	DEFLECTOR PLATE,WD 300 X LG 590 X HT 335	DEFLECTOR TYPE PLATE, DIMENSIONS WD 300 X LG 590 X HT 335 MM, MATERIAL CI, APPLICATION DOME VALVE 200 MM, SUPPL P/N P16633A, REFERENCE NO SC3291/0233/94, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
13	DISC BOTTOM FLUIDIZING,DIA 1 245 M,STL	DISC TYPE BOTTOM FLUIDIZING, DIMENSIONS DIA 1.245 M, MATERIAL STL, DRAWING NO 190384 REV 1, 190384 REV C REV 1, FOR DRY DUST PNEUMATIC PLANT, TO ESKOM
14	CONTAINER ASH,12/12,STL	CONTAINER TYPE ASH, DIMENSIONS. 12/12, MATERIAL STL, REFERENCE NO 3291/0233/78, P16569A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
15	VESSEL ASH,STL	VESSEL TYPE ASH, MATERIAL STL, SUPPL P/N P16570A, REFERENCE NO 3291/0233/79, TYPE SIMON CARVES, SIZE 7/12, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).

16	VESSEL ASH,STL,3291/0233/80	VESSEL TYPE ASH, MATERIAL STL, REFERENCE NO P16571A, 3291/0233/80, SIZE 1-5/12, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
17	MEMBRANE FLUITEX AERATION,POLYESTER	MEMBRANE TYPE FLUITEX AERATION, MATERIAL POLYESTER, (AIRSLIDES), SIZE 350 MM WD X 4 5 MM LG X 580 MM THK
18	PAD AERATION,WD 270 X LG 800 X THK 4 5	PAD TYPE AERATION, DIMENSIONS WD 270 X LG 800 X THK 4 5 MM, REFERENCE NO E300, FLUITEX MEMBRANE CLOTH, 27 METRE LONG IN ROLL
19	STOPPER RUBBER,WW11G506	STOPPER MATERIAL RUBBER, CAT NO STEINMULLER 86- 6709, REFERENCE NO WW11G506, WW-11-G-506, BUNG, FOR KRIEL DRY DUST PLANT, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
20	FILTER ELMNT ID 100 X OD 105 X LG 130 MM	FILTER, ELEMENT DIMENSIONS ID 100 X OD 105 X LG 130 MM, MATERIAL BRS, FILTERING RETENTION 50 UM, MODEL NO 15-80, REFERENCE NO F18-A3, FOR USE ON MACAWBER DRY DUST PLANT
21	JOINT EXPSN 300 MM,LG 130 MM,FLANGE FF	JOINT, EXPANSION SIZE 300 MM, LENGTH 130 MM, CONNECTION: FLANGE FF, MATERIAL RUBBER, SUPPL P/N 10-16, DUST HANDLING PLANT, ELEFLEX RED BAND COMPENSATOR, COMPLETE WITH FLOATING MS FLANGES TO BS4504 TABLE 10/3, HOLES TO BE TAP M20; MOVEMENT FLEXIBLE
22	COMPENSATOR AXIAL,307-221	COMPENSATOR TYPE AXIAL, REFERENCE NO 307-221, NB 200, ND 16, LG 400MM, COMPRISING CONVOLUTION 11 212, INTERNAL SLEEVE MATERIAL SS 321, PIPE ENDS AND FLANGES TO BS 4504 TABLE 10/3 MS
23	PIPE ASSY BSPT,DIA 3/8 IN X LG 90 MM,SS	PIPE, ASSEMBLY CONNECTION BSPT, DIMENSIONS DIA 3/8 IN X LG 90 MM, MATERIAL SS, SPECIFICATION GR 316, APPLICATION DRY DUST CONDITIONER, TYPE BUNGS, STRUCTURE SEAMLESS, WITH HX NUTS, THREAD LENGTH 30MM EACH SIDE
24	NOZZLE FINE SPRAY,15 MM,FPT,SS,WW11G501	NOZZLE TYPE FINE SPRAY, SIZE 15 MM, CONNECTION FPT, MATERIAL SS, REFERENCE NO WW11G501, FOR DRY DUST CONDITIONER

25	FITTING LUB 1/4 IN-BSP,LG 19 MM,GMS	FITTING, LUBRICATION SIZE 1/4 IN-BSP, LENGTH 19 MM, MATERIAL GMS, HEAD TYPE BUTTON, ANGLE 19 MM
26	ELBOW PIPE 2 IN,SW,CS ASTM A105,90 DEG	ELBOW, PIPE SIZE 2 IN, CONNECTION SW, MATERIAL CS ASTM A105, DEGREE 90 DEG, RATING 6000 PSI
27	NOZZLE REDUCER,500 MM,FLANGE,STL	NOZZLE TYPE REDUCER, SIZE 500 MM, CONNECTION FLANGE, MATERIAL STL, DRAWING NO WS0001 REV 1, BLOW TANK VENT PIPE, ROTEK
28	BEND, PIPE OD 100 MM,FLANGE,CS,45 DEG	BEND, PIPE OUTSIDE DIAMETER 100 MM, CONNECTION FLANGE, MATERIAL CS, DEGREE 45 DEG, REFERENCE NO P16768C, S.C NO -3291/0233/87 FOR NEW DRY DUST PLANT
29	BEND, PIPE OD 150 MM,FLANGE,CS,45 DEG	BEND, PIPE OUTSIDE DIAMETER 150 MM, CONNECTION FLANGE, MATERIAL CS, DEGREE 45 DEG, REFERENCE NO P16768C, SC NO - 3291/0233/86 FOR NEW DRY DUST PLANT
30	BEND, PIPE OD 200 MM,FLANGE,CS,45 DEG	BEND, PIPE OUTSIDE DIAMETER 200 MM, CONNECTION FLANGE, MATERIAL CS, DEGREE 45 DEG, SUPPL P/N P16568C, SC NUMBER 3291/0233/85, FOR NEW DRY DUST PLANT
31	VALVE SLND 1/2 IN,5 WAY,220 V,2-10 BAR	VALVE, SOLENOID PIPE SIZE 1/2 IN, STYLE 5 WAY, POTENTIAL 220 V, DESIGN RATING 2-10 BAR, CONNECTION NPT, BODY MATERIAL CI, OPERATED NC, ENCLOSURE RATING IP65, MEDIUM AIR, APPLICATION DRY DUST BLOW TANK, DRAWING NO 1-01-00 REV 1, GENERAL PURPOSE ENCLOSURE, PNEUMATIC SPARES
32	VALVE SLND 1/4 IN,5 WAY,48 VAC,1 8-8 BAR	VALVE, SOLENOID PIPE SIZE 1/4 IN, STYLE 5 WAY, POTENTIAL 48 VAC, DESIGN RATING 1 8-8 BAR, CONNECTION NPT, BODY MATERIAL CI, OPERATED NC, ENCLOSURE RATING PLASTIC, MEDIUM AIR, APPLICATION DRY DUST BLOW TANK, SUPPL P/N MFH-5-1-4, DRAWING NO 1-01-00 REV 1, REFERENCE NO J702, 50HZ
33	VALVE 500 MM,GEARBOX MOTORIZED	VALVE VALVE SIZE 500 MM, OPERATED GEARBOX MOTORIZED

34	FILTER BAG 500 MM X LG 1 5 M	FILTER, BAG DIMENSIONS 500 MM X LG 1 5 M, SUPPL P/N IP22115568, FELT SEAL OPEN END, CLOSED FLAT OTHER END, ONE SET IS 40 EACH, FOR USE ON THE TRANSFER AND MAIN SILO, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
35	VALVE BTRFLY WAFER,300 MM,980 KPA,0-120	VALVE, BUTTERFLY TYPE WAFER, VALVE SIZE 300 MM, DESIGN RATING 980 KPA, TEMPERATURE RATING 0-120 DEG C, CONNECTION FLANGE, OPERATED HANDWHEEL, GEARBOX, TRIM SCS13, DISC SS, SEAT EPDM, GRADE FC250, MODEL NO 615X, REFERENCE NO 300615XGO4S
36	VALVE GATE 200 MM,KNIFE,WAFER FLANGELESS	VALVE, GATE VALVE SIZE 200 MM, TYPE KNIFE, CONNECTION WAFER FLANGELESS, FACE TO FACE LENGTH 68 MM, BODY MATERIAL CI, TRIM BLADE SS GR 316L, OPERATED CYLINDER PNEUMATIC, DOUBLE ACTING, SOFTGOODS VITON, STEM DESIGN RISING SPINDLE, STYLE PILLAR, TEMPERATURE RATING 95 DEG C, DESIGN RATING 600 KPA, SUPPL P/N LDCCINWR, REFERENCE NO LDC-CINWR, STAINLESS STEEL 304L, TRIM NI-HARD WEAR RING, WITH 4 HOLES ON BOTH SIDE OF FLANGE TO BE TAPPED SIZE 20MM, RUBBER LINED BORE, VITON MOULDED BODY SEAL, COMBINATION STUFFINGBOX AND TRANVERSE SEAL ARRANGEMENT, MOUTNING BETWEEN FLANGES TO BS450T10/3, PNEUMATIC, CYLINDER BARREL OF FIBER GLASS WITH END PLATES, TIE RODS, ADJUSTABLE CLEVIS OF 4PILLAR CONSTRUCTION OF MILD STEEL ELECTRO GALVANIZED, CYLINDER PROTECTION COVER OF PVC, CYLINDER SEAL OF NITRILE RUBBER, COMPLETE WITH 2 MOUNTING BRACKETS, WITH STRIKER ARM FOR PROXIMITY SWITCHES
37	VALVE BTRFLY WAFER,50 MM,980 PA,FLANGE	VALVE, BUTTERFLY TYPE WAFER, VALVE SIZE 50 MM, DESIGN RATING 980 PA, TEMPERATURE RATING -10 TO 80 DEG C, CONNECTION FLANGE, BODY MATERIAL CI, OPERATED HANDWHEEL, TRIM DISC CR GR 45 HF, SEAT SS GR 403 NBR LINED, STEM SS, FIG NO TOMOE 700K, REFERENCE NO 700K, LEVER OPERATED, 12MM SQUARE DRIVE
38	ACTUATOR PNEUM 7 BAR	ACTUATOR, PNEUMATIC PRESSURE RATING 7 BAR, COMPLETE WITH LIMIT SWITCH ASSEMBLY, FOR DUST INLET VALVE, TYPE KINETROL 140-100, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

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39	VALVE BTRFLY WAFER,80 MM,980 KPA,CI	VALVE, BUTTERFLY TYPE WAFER, VALVE SIZE 80 MM, DESIGN RATING 980 KPA, TEMPERATURE RATING -10 TO 80 DEG C, BODY MATERIAL CI, OPERATED HANDWHEEL, TRIM DISC SS, SEAT NBR, SUPPL P/N 700KNBR, NOTE TOMOE BRAND ONLY
40	DIAPHRAGM VLV EPDM,80 MM	DIAPHRAGM, VALVE MATERIAL EPDM, VALVE SIZE 80 MM, FIG NO 516, FOR RIENZI NON RETURN VALVE
41	DIAPHRAGM VLV EPDM,50 MM	DIAPHRAGM, VALVE MATERIAL EPDM, VALVE SIZE 50 MM, FIG NO 516, FOR RIENZI NON RETURN VALVE
42	KIT ACTTR REPR SC3291/0233/119	KIT, ACTUATOR REPAIR REFERENCE NO SC3291/0233/119, M960/00, 200MM DOME VALVE, NOTE - EACH COMPLETE KIT MUST BE SEALED IN A PLASTIC BAG AND MARKED WITH THE MATERIAL NUMBER 0069362
43	DOME VALVE,DIA 300 MM,STL	DOME TYPE VALVE, DIMENSIONS DIA 300 MM, MATERIAL STL, REFERENCE NO P2401A00, TO BE POLISHED, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
44	CASTING DOME VALVE,250 MM,CI	CASTING TYPE DOME VALVE, DIMENSIONS 250 MM, MATERIAL CI, REFERENCE NO P1158B-00, 3291/0233/115, FOR 200 MM VALVE, NOTE TO BE POLISHED, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
45	CASTING DOME,DIA 200 MM,STL	CASTING TYPE DOME, DIMENSIONS DIA 200 MM, MATERIAL STL, REFERENCE NO P4677B-00, FOR 150MM VALVE, NOTE TO BE POLISHED, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
46	CASTING DIA 155 MM,STL,P1165C	CASTING DIMENSIONS DIA 155 MM, MATERIAL STL, REFERENCE NO P1165C, FOR 100MM DOME VALVE, NOTE DOME TO BE POLISHED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).

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47	ACTUATOR PNEUM 7 BAR	ACTUATOR, PNEUMATIC PRESSURE RATING. 7 BAR, SUPPL P/N 6-5341, FOR USE ON THE NEW DRY DUST PLANT, CLYDE BERGEMANN, 100MM DOME VALVE, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
48	KIT ACTTR REPR A 1020	KIT, ACTUATOR REPAIR REFERENCE NO A 1020, 120, NOTE - EACH COMPLETE KIT MUST BE SEALED IN A PLASTIC BAG AND MARKED WITH THE MATERIAL NUMBER 0069373
49	CASTING DOME,DIA 200 X HT 130 MM,CI	CASTING TYPE DOME, DIMENSIONS DIA 200 X HT 130 MM, MATERIAL CI, SUPPL P/N P16793B, INLINE WITHOUT SEAL, FOR VALVE, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
50	VALVE DOME,100 MM,400 KPA,0-250 DEG C,CI	VALVE TYPE DOME, VALVE SIZE 100 MM, DESIGN RATING 400 KPA, TEMPERATURE RATING 0-250 DEG C, CONNECTION FLANGE, OPERATED ACTUATOR, BODY MATERIAL CI, STYLE SPLIT BODY, TRIM BONNET CI, DOME STL, REFERENCE NO SC3291/0233/84, P16615A, ASSEMBLY
51	VALVE DOME,150 MM,400 KPA,0-250 DEG C,CI	VALVE. TYPE DOME, VALVE SIZE 150 MM, DESIGN RATING 400 KPA, TEMPERATURE RATING 0-250 DEG C, CONNECTION FLANGE, OPERATED ACTUATOR, BODY MATERIAL CI, STYLE SPLIT BODY, REFERENCE NO P16614A, SC3291/0233/83, ASSEMBLY, SIMON CARVES
52	VALVE DOME,200 MM,400 KPA,0-250 DEG C,CI	VALVE TYPE DOME, VALVE SIZE 200 MM; DESIGN RATING 400 KPA, TEMPERATURE RATING 0-250 DEG C, CONNECTION FLANGE, OPERATED ACTUATOR, BODY MATERIAL. CI, STYLE. SPLIT BODY, TRIM DOME SS, SUPPL P/N P16613A, REFERENCE NO SC3291/0233/82, ASSEMBLY, TYPE SIMON CARVES
<i>≯</i> ;	/ VALVE DOME,300 MM,400 KPA,0-250 DEG C,CI	VALVE TYPE DOME, VALVE SIZE 300 MM, DESIGN RATING 400 KPA, TEMPERATURE RATING 0-250 DEG C, CONNECTION FLANGE, OPERATED ACTUATOR, BODY MATERIAL CI, STYLE SPLIT BODY, SUPPL P/N P16612A, REFERENCE NO SC3291-0233-81, OPARATED ACTUATOR KINETROL COMPLETED WITH BRACKED

54	VALVE BLOW,2 IN,FLANGE,SPRING,STL	VALVE TYPE BLOW, VALVE SIZE 2 IN, CONNECTION FLANGE, OPERATED SPRING, BODY MATERIAL STL, STYLE ⁻ CAP BOLTED, TRIM DISC BRS, SPINDLE SS, SUPPL P/N P4348B, REFERENCE NO P4239A-2, X789, FOR MACAWBER PLANT, FLANGE DIA 155MM, 4 X 20MM HOLES DRILLED, 115MM PCD
55	KIT VLV RPR SC3291/0233/91	KIT, VALVE REPAIR REFERENCE NO SC3291/0233/91, P4348B, 2 INCH BLOW, CONSIST OF 1 X O RING 93MM OD X 3 4MM THICK, 1 X O RING 80MM OD X 3 5MM THICK, 1 X O RING 70MM X OD 6.0MM THICK, 1 X O RING 54 5MM X 5.2MM THICK, 2 X SHAFT SEALS 33MM OD X 25MM ID X 5 7MM WIDE, 1 X COMPRESSION SPRING 26 6MM OD X 166MM HIGH X 2.6MM WIRE DIAMETER, 1 X COMPRESSION SPRING 10MM OD X 162 5MM HIGH X 1.7MM WIRE DIAMETER
56	KIT VLV RPR P16581P	KIT, VALVE REPAIR REFERENCE NO P16581P, FOR BLOW SIZE 4 INCH, TYPE SC3291/0233/89, CONSIST OF 2 X ALUMINIUM SEALING RINGS 138MM OD X 5 5MM WIDE X 0 3MM THICK, 1 X O RING 107MM OD X 10MM THICK, 1 X O RING 128MM OD X 3 5MM THICK, 1 X CILINDER SEAL SQUARE 127MM OD X 113MM ID X 7MM WIDE, 2 X SHAFT SEALS 40MM OD X 30MM ID X 5MM WIDE, 5 X NYLOC NUTS M16 X 2MM PITCH, 1 X COMPRESSION SPRING 95MM OD X 150MM HIGH X 9MM WIRE DIAMETER
57	VALVE CHECK 2 IN,25 BAR,110 DEG C,BSP	VALVE, CHECK VALVE SIZE 2 IN, DESIGN RATING 25 BAR, TEMPERATURE RATING 110 DEG C, CONNECTION BSP, BODY MATERIAL BRS, FACE TO FACE LENGTH 100 MM, OPERATED SPRING, TRIM DISC BRS, SPRING SS, SOFTGOODS SEAT RUBBER, SUPPL P/N EUROPA2, ITAP, FOR DRY DUST PLANT
58	VALVE CHECK 4 IN,25 BAR,BSP,BRS,160 MM	VALVE, CHECK VALVE SIZE 4 IN, DESIGN RATING 25 BAR, TEMPERATURE RATING 12 BAR AT 110 DEG C, CONNECTION BSP, BODY MATERIAL BRS, FACE TO FACE LENGTH 160 MM, OPERATED SPRING, TRIM DISC BRS, SEAT RUBBER, SPRING SS, SUPPL P/N EUROPA4, TYPE ITAP, FOR DRY DUST PLANT
59	VALVE DIAPH 25 MM,16 BAR,THD,BRZ,EPDM	VALVE, DIAPHRAGM VALVE SIZE 25 MM, DESIGN RATING 16 BAR, TEMPERATURE RATING 225 LB AT 80 DEG F, CONNECTION THD, BODY MATERIAL BRZ, DIAPHRAGM MATERIAL EPDM, NON RETURN, NORVAL, STAINLESS STEEL CONE
60	VALVE CHECK 15 MM,THD,BRS,SPRING LOADED	VALVE, CHECK VALVE SIZE 15 MM, CONNECTION THD, BODY MATERIAL BRS, OPERATED SPRING LOADED, STYLE STRAIGHT THROUGH, TRIM SPINDLE PTFE, NON-RETURN

61	PLATE TOP,ID 295 X OD 555 X THK 60 MM	PLATE TYPE TOP, DIMENSIONS ID 295 X OD 555 X THK 60 MM, MATERIAL STL, REFERENCE NO P1823B, FOR 300MM DOME VALVE
62	VALVE BTRFLY WAFER,150 MM,1 MPA,CLAMP	VALVE, BUTTERFLY TYPE WAFER, VALVE SIZE 150 MM, DESIGN RATING 1 MPA, TEMPERATURE RATING -10 TO 100 DEG C, CONNECTION CLAMP, BODY MATERIAL FCD450, OPERATED LEVER, TRIM DISC SS GR 316, SOFTGOODS EPDM, MODEL NO 615X, REFERENCE NO 150615X6S
63	VALVE CHANGE OVER,0.7-10 BAR,5-75 DEG C	VALVE TYPE CHANGE OVER, DESIGN RATING 0 7-10 BAR, TEMPERATURE RATING 5-75 DEG C, CONNECTION 1/4 IN-FBSP, OPERATED AIR, BODY MATERIAL BRS, STYLE 3 PORT, 2 POSITION, SUPPL P/N S/1340/14
64	SHEET GSKT THK 3 MM,LG 1 M,WD 1 M,GR53	SHEET, GASKET THICKNESS 3 MM, LENGTH 1 M, WIDTH 1 M, MATERIAL CORK/NEOPRENE, REFERENCE NO GR53, IMPREGNATED, NEOLONGITE GRADE 53 COMPOSITION
65	SHEET GSKT THK 6 5 MM,LG 1 27 M,WD 660	SHEET, GASKET THICKNESS 6 5 MM, LENGTH 1.27 M, WIDTH 660 MM, MATERIAL CORK NEOPRENE IMPREGNATED, GRADE. 53
66	SHEET GSKT THK 6 4 MM,LG 1 2 M,WD 1 2 M	SHEET, GASKET THICKNESS 6 4 MM, LENGTH 1 2 M, WIDTH 1 2 M, MATERIAL RUBBER, SMOOTH, BLACK, DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD REQUIRED WITH DELIVERY
67	KIT ACTTR REPR SOFTGOODS,LIP SEAL	KIT, ACTUATOR REPAIR TYPE SOFTGOODS, APPLICATION ACTUATOR PNEUMATIC, COMPRISING LIP SEAL, MODEL NO 140-104
68	KIT VLV RPR M1171M1008P8011D	KIT, VALVE REPAIR REFERENCE NO M1171M1008P8011D, 200MM DOME CONSISTING OF 2 BEARINGS PART NUMBER P8011D, 4 VARI SEALS PART NUMBER M1171, 2 O RINGS PART NUMBER M1162, 2 V SEALS PART NUMBER M1008, 4 SEAL RETAING RINGS PART NUMBER P2147C, NOTE - MUST BE PACKED AND SEALED
69	SEAL INSERT,ID 315 X OD 405 X THK 44 MM	SEAL TYPE. INSERT, DIMENSIONS ID 315 X OD 405 X THK 44 MM, MATERIAL RUBBER, SUPPL P/N 1826C-2, REFERENCE NO 3291/0233/103, FOR 300MM DOME VALVE, FOR NEW DRY DUST PLANT

70	O RING CRD RUBBER,THK 3 53 MM,M1382C	O RING, CORD MATERIAL RUBBER, THICKNESS 3 53 MM, REFERENCE NO SC 3291/0233/104, M1382C, FOR 300MM DOME VALVE, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
71	O RING ID 53 34 MM,WD 5 33 MM,RUBBER	O RING INSIDE DIAMETER 53.34 MM, WIDTH 5.33 MM, MATERIAL RUBBER, INDUSTRY STANDARD 2-330, REFERENCE NO M1162, FOR 200MM DOME VALVE, SC NO - 3291/0233/114, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
72	O RING ID 40.64 MM,WD 5 33 MM,RUBBER	O RING INSIDE DIAMETER 40 64 MM, WIDTH 5 33 MM, MATERIAL RUBBER, INDUSTRY STANDARD 2-326, REFERENCE NO M2085, SC NO - 3291/0233/124, FOR 150MM DOME VALVE ON NEW DRY DUST PLANT, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
73	O RING ID 28.17 MM,WD 3 53 MM,RUBBER	O RING INSIDE DIAMETER 28.17 MM, WIDTH 3 53 MM, MATERIAL RUBBER, INDUSTRY STANDARD 2-216, REFERENCE NO 3291/0233/134, SC 3291/0233/134, M1242, FOR 100 MM DOME VALVE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
74	SEAL INSERT,ID 235 X OD 275 X THK 32 MM	SEAL TYPE INSERT, DIMENSIONS ID 235 X OD 275 X THK 32 MM, MATERIAL RUBBER, SUPPL P/N P5524C-01, REFERENCE NO 3291/0233/112, FOR 200MM DOME VALVE, FOR NEW DRY DUST PLANT
75	SEAL RNG DOME VALVE INSERT,ID 150 MM	SEAL, RING TYPE DOME VALVE INSERT, INSIDE DIAMETER 150 MM, OUTSIDE DIAMETER 225 MM, THICKNESS 30 MM, MATERIAL RUBBER, SUPPL P/N P4665B, REFERENCE NO SC 3291/0233/122, FOR 150MM DOME VALVE, NEW DRY DUST PLANT
76	SEAL INSERT,ID 112 X OD 175 X THK 32 MM	SEAL TYPE INSERT, DIMENSIONS ID 112 X OD 175 X THK 32 MM, MATERIAL RUBBER, SUPPL P/N P1586C-01, FOR 100MM DOME VALVE, SIMON CARVE

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77	KIT VLV RPR	KIT, VALVE REPAIR SUPPL P/N M1298, REFERENCE NO M1202, M1299, P3721C, P8013D, 300MM DOME CONSISTING OF 2 BEARINGS, 4 VARI SEALS, 2 O RINGS, 2 V SEALS, 4 SEAL RETAING RINGS, NOTE - MUST BE PACKED AND SEALED PER KIT
78	KIT VLV RPR M1365M1346P4673E	KIT, VALVE REPAIR REFERENCE NO M1365M1346P4673E, 150MM DOME CONSISTING OF 2 BEARINGS PART NUMBER P8010D, 4 VARI SEALS PART NUMBER M1365, 2 O RINGS PART NUMBER M2085, 2 V SEALS PART NUMBER M1346, 4 SEAL RETAING RINGS PART NUMBER P5406D-02, NOTE - MUST BE PACKED AND SEALED
79	KIT VLV RPR M1243M1006P3884E	KIT, VALVE REPAIR REFERENCE NO M1243M1006P3884E, 100MM DOME, CONSISTING OF 2 BEARINGS PART NUMBER P3884E, 4 VARI SEALS PART NUMBER M1243, 2 O RINGS PART NUMBER M1242, 2 V SEAL PART NUMBER M1006, 4 SEAL RETAING RINGS PART NUMBER P2728C, NOTE - MUST BE PACKED AND SEAL
80	GASKET PC ID 186 X OD 250 X THK 0 4 MM,5	GASKET, PRE CUT DIMENSIONS ID 186 X OD 250 X THK 0 4 MM, MATERIAL VELLUMOID, SHAPE RD, PRESSURE RATING 5 BAR, PCD 221 MM, HOLES (4) DIA 15 MM, WORKING TEMP 0-90 DEG C, MATERIAL, KLINGER SIL C-4400, FOR 100MM INLET DOME VALVE
81	GASKET PC ID 186 X OD 250 X THK 0 8 MM,5	GASKET, PRE CUT DIMENSIONS ID 186 X OD 250 X THK 0 8 MM, MATERIAL VELLUMOID, SHAPE RD; PRESSURE RATING 5 BAR, PCD 221 MM, HOLES (4) DIA 15 MM, WORKING TEMP 0-90 DEG C, MATERIAL, KLINGER SIL C-4400, FOR 100MM INLET DOME VALVE
82	GASKET PC ID 186 X OD 250 X THK 1.5 MM,5	GASKET, PRE CUT DIMENSIONS ID 186 X OD 250 X THK 1 5 MM, MATERIAL VELLUMOID, SHAPE RD, PRESSURE RATING 5 BAR, PCD 221 MM, HOLES (4) DIA 15 MM, WORKING TEMP 0-90 DEG C, MATERIAL, KLINGER SIL C-4400, FOR 100MM INLET DOME VALVE
83	GASKET PC ID 242 X OD 325 X THK 0.4 MM,5	GASKET, PRE CUT DIMENSIONS ID 242 X OD 325 X THK 0 4 MM, MATERIAL KLINGERITE SIL C4400, SHAPE. RD, PRESSURE RATING 5 BAR, PCD 284 MM, HOLES (6) DIA 18 MM, WORKING TEMP 0-90 DEG C, FOR 150MM INLINE DOME VALVE

84	GASKET PC ID 242 X OD 325 X THK 0 8 MM,5	GASKET, PRE CUT DIMENSIONS ID 242 X OD 325 X THK 0 8 MM, MATERIAL KLINGERITE SIL C4400, SHAPE RD, PRESSURE RATING 5 BAR, PCD 284 MM, HOLES (6) DIA 18 MM, WORKING TEMP 0-90 DEG C, FOR 150MM INLINE DOME VALVE
85	GASKET PC ID 242 X OD 325 X THK 1 5 MM,5	GASKET, PRE CUT DIMENSIONS ID 242 X OD 325 X THK 1 5 MM, MATERIAL KLINGERITE SIL C4400, SHAPE RD, PRESSURE RATING 5 BAR, PCD 284 MM, HOLES (6) DIA 18 MM; WORKING TEMP 0-90 DEG C, FOR 150MM INLINE DOME VALVE
86	GASKET PC ID 320 X OD 410 X THK 0 4 MM,5	GASKET, PRE CUT DIMENSIONS ID 320 X OD 410 X THK 0 4 MM, MATERIAL KLINGERITE SIL C4400, SHAPE RD, PRESSURE RATING 5 BAR, PCD 360 MM, HOLES (8) DIA 21 MM, WORKING TEMP 0-90 DEG C, FOR 200MM INLET DOME VALVE
87	GASKET PC ID 317 X OD 440 X THK 1 5 MM,5	GASKET, PRE CUT DIMENSIONS ID 317 X OD 440 X THK 1 5 MM, MATERIAL KLINGERITE SIL C4400, SHAPE RD, PRESSURE RATING. 5 BAR, PCD 360 MM, HOLES (8) DIA 21 MM, WORKING TEMP 0-90 DEG C, FOR 200MM DOME VALVE
88	GASKET PC ID 430 X OD 560 X THK 0 4 MM,5	GASKET, PRE CUT DIMENSIONS ID 430 X OD 560 X THK 0 4 MM, MATERIAL KLINGERITE SIL C4400, SHAPE RD, PRESSURE RATING ⁻ 5 BAR, PCD 510 MM, HOLES (12) DIA 22 MM, WORKING TEMP 0-90 DEG C, FOR 300MM INLINE DOME VALVE
89	GASKET PC ID 430 X OD 560 X THK 0 8 MM,5	GASKET, PRE CUT DIMENSIONS ID 430 X OD 560 X THK 0 8 MM, MATERIAL KLINGERITE SIL C4400, SHAPE RD, PRESSURE RATING 5 BAR, TEMPERATURE RATING 0-90 DEG C, PCD 510 MM, HOLES (12) DIA 22 MM, PRESSURE, FOR 300 MM INLINE DOME VALVE
90	GASKET PC ID 430 X OD 560 X THK 1 5 MM,5	GASKET, PRE CUT DIMENSIONS ID 430 X OD 560 X THK 1 5 MM, MATERIAL KLINGERITE SIL C4400, SHAPE RD, PRESSURE RATING 5 BAR, PCD 510 MM, HOLES (12) DIA 22 MM, WORKING TEMP 0-90 DEG C, FOR 300MM DOME VALVE
91	RING FLEXIBLE,ID 135 MM,OD 250 MM,RUBBER	RING TYPE FLEXIBLE, INSIDE DIAMETER 135 MM, OUTSIDE DIAMETER 250 MM, MATERIAL RUBBER, REFERENCE NO S260PBS, FOR VOITH TURBO COUPLING 487 AND CONNECTING COUPLING SV26C
92	RING FLEXIBLE,ID 115 MM,OD 202 6 MM	RING TYPE FLEXIBLE, INSIDE DIAMETER 115 MM, OUTSIDE DIAMETER 202 6 MM, MATERIAL RUBBER, SUPPL P/N SC-07-230-0000, REFERENCE NO SV230, FOR VOITH TURBO COUPLING

93	RING INSERT,ID 178 MM,OD 208 MM,WD 15 5	RING TYPE INSERT, INSIDE DIAMETER 178 MM, OUTSIDE DIAMETER 208 MM, WIDTH 15.5 MM, MATERIAL STL, REFERENCE NO P4676AB, FOR 150MM DOME VALVE
94	RING VALVE INSERT,ID 226 MM,OD 258 MM	RING TYPE VALVE INSERT, INSIDE DIAMETER 226 MM, OUTSIDE DIAMETER 258 MM, WIDTH 15 MM, MATERIAL STL, REFERENCE NO P1643AA, FOR 200MM DOME VALVE, SIMON CARVES
95	RING SPIGOT,ID 363 MM,OD 440 MM,WD 30 MM	RING TYPE SPIGOT, INSIDE DIAMETER 363 MM, OUTSIDE DIAMETER 440 MM, WIDTH 30 MM, MATERIAL STL, REFERENCE NO P1824B-00, FOR 300MM DOME VALVE SIMON CARVES
96	RING SPIGOT,ID 198 MM,OD 255 8 MM,WD 21	RING TYPE. SPIGOT, INSIDE DIAMETER 198 MM, OUTSIDE DIAMETER 255 8 MM, WIDTH 21 MM, MATERIAL STL, REFERENCE NO P4676A-C, FOR 150MM DOME VALVE, TYPE SIMON CARVES
97	RING SPIGOT,ID 248 MM,OD 330 MM,WD 21 MM	RING TYPE SPIGOT, INSIDE DIAMETER 248 MM, OUTSIDE DIAMETER 330 MM, WIDTH 21 MM, MATERIAL STL, SUPPL P/N P1643A-B, FOR 200MM DOME VALVE
98	RING INSERT,ID 335 MM,OD 378 MM,WD 20 MM	RING TYPE INSERT, INSIDE DIAMETER 335 MM, OUTSIDE DIAMETER 378 MM, WIDTH 20 MM, MATERIAL STL, REFERENCE NO P1825C-00, FOR 300MM DOME VALVE, TYPE SIMON CARVES
99	SOLENOID ELECT VALVE,24 V	SOLENOID, ELECTRICAL DUTY TYPE VALVE, COIL VOLTAGE 24 V, SUPPL P/N MI02510HN, AIRTEC BRAND ONLY, FOR NEW DRY DUST PLANT, NOTE THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
100	SOLENOID ELECT VALVE,24 V	SOLENOID, ELECTRICAL DUTY TYPE VALVE, COIL VOLTAGE 24 V, SUPPL P/N MI01510HN, AIRTEC BRAND ONLY, FOR DRY DUST PLANT UNDERNEATH PRECIPITATORS
101	GAUGE PRESS 0-600 KPA,100 MM,SS	GAUGE, PRESSURE RANGE 0-600 KPA, DIAL SIZE 100 MM, CASE MATERIAL SS, REFERENCE NO WO 233100Q0600 KJ, NON FILLED, BUILT IN CONTACTS 2 NO, FITTED TO COMACO SEAL COMPLETE WITH MALE STUD, FITTED TO 990-19-500 WITH NW 50 LOOSE OIL NUT AND MALE WELD IN PIECE WITH INDUCTIVE TYPE 831 11 CONTACTS

102	OIL INDSTRL DRUM 210 L,232 DEG C,GEAR	OIL, INDUSTRIAL CONTAINER DRUM 210 L, FLASH POINT 232 DEG C, TYPE GEAR, TRADE NAME GENGEAR 320, VISCOSITY RATING 305 AT 40 DEG C, GRADE ISO VG320, SUPPL P/N GENGEAR 320, ESKOM SPECIFICATION GGSS 0862, LUBE CODE OGI-320, GENGEAR 320
103	GEARBOX BEW GEAR,40 1,1440 RPM,55 KW	GEARBOX TYPE BEW GEAR, RATIO 40 1, SPEED 1440 RPM, POWER 55 KW, MODEL NO 320-147, FOR USE WITH ASH CONDITIONERS, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
104	DISTRIBUTOR ROTARY AIR	DISTRIBUTOR TYPE ROTARY AIR, SUPPL P/N 285249, 4 PART, TYPE MA, 10 VOLT, ITEM 26, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
105	VALVE BALL 1 IN,BSP,SS,316	VALVE, BALL VALVE SIZE 1 IN, CONNECTION BSP, BODY MATERIAL SS, GRADE 316, TYPE DLM ONE PIECE BAR STOCK
106	TRANSMITTER PRESS 0-10 BAR,O/P 4-20 MA	TRANSMITTER, PRESSURE RANGE 0-10 BAR, OUTPUT 4-20 MA, SUPPLY 24 VDC, CONNECTION 1/2 IN-BSP, MODEL NO S-10 (891.13 500), THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
107	TRANSMITTER PRESS 0-100 BAR,O/P 4-20 MA	TRANSMITTER, PRESSURE RANGE 0-100 BAR, OUTPUT 4-20 MA, SUPPLY 24 VDC, CONNECTION 1/2 IN-BSP, MODEL NO S-10 (891 13 500), THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
108	ACTUATOR PNEUM 1-10 BAR,1/4 TURN,C 60 DA	ACTUATOR, PNEUMATIC PRESSURE RATING 1-10 BAR, TRAVEL 1/4 TURN, MODEL NO C 60 DA, FOR DRY DUST PLANT AT TRANSFER SILO OUTLET VALVE, SIZE 300MM OKUMURA BUTTERFLY VALVE, SUPPLY MOUNTING KIDS STAINLESS STEEL TO FIT ON VALVE, TYPE DOUBLE ACTING, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

109	VALVE GATE 400 MM,KNIFE/SLIDE,FLANGE,400	VALVE, GATE VALVE SIZE 400 MM, TYPE KNIFE/SLIDE, CONNECTION FLANGE, FACE TO FACE LENGTH 400 MM, BODY MATERIAL MS, TRIM SLIDE SS GR 304, SPINDLE EN 19, OPERATED CHAIN, HANDWHEEL, SOFTGOODS RUBBER, STEM DESIGN NON RISING, STYLE 2 WAY, TEMPERATURE RATING 120 DEG C, DESIGN RATING 600 KPA, SUPPL P/N DL400B, SIZES PCD OF 480MM, 535MM SQUARE X 120MM THK, KNIFE MATERIAL STAINLESS STEEL GRADE 304, NUT BRASS, FOR THE USE OF ISOLATION OF FLY ASH AT MAIN SILO PLANT
110	VALVE RELF 50 MM,5 BAR,232 DEG C,BRZ,BRZ	VALVE, RELIEF VALVE SIZE 50 MM, SET PRESSURE 5 BAR, TEMPERATURE RATING 232 DEG C, CONNECTION BSP X FBSP, BODY MATERIAL BRZ, TRIM BRZ, OPERATED AIR PRESSURE, DESIGN RATING 24 BAR, PRESSURE RANGE 0-5 BAR, REFERENCE NO RA 2583, DLM-BAILEY BURKET POP TYPE SAFETY, COMPLETE WITH LIFTING LEVER, TO BE USED AT DRY DUST BLOW TANK UNIT 1 TO 6
111	VALVE RELF 50 MM,4.8 BAR,232 DEG C,BRZ	VALVE, RELIEF VALVE SIZE 50 MM, SET PRESSURE 4 8 BAR, TEMPERATURE RATING 232 DEG C, CONNECTION BSP X FBSP, BODY MATERIAL BRZ, TRIM BRZ, OPERATED AIR PRESSURE, DESIGN RATING 24 BAR, PRESSURE RANGE. 0-4 8 BAR, REFERENCE NO RA 2585, DLM-BAILEY BURKET POP TYPE SAFETY VALVE, COMPLETE WITH LIFTING LEVER, TO BE USED AT DRY DUST BLOW TANK UNIT 1 TO 6
112	LUBRICATOR AIR FILTER IN LINE,THD,37,STL	LUBRICATOR TYPE AIR FILTER IN LINE, CONNECTION THD, CAPACITY 37, MATERIAL STL, PRESSURE RATING 17 BAR, TYPE 64 SERIES SET WITH A BL64-408 BOX SET WHICH INCLUDE DOUBLE YOKE, AUTO DRAIN METAL BOWL, MICRO FOG, BRACKET KIT AND SHUT OFF VALVE, OPERATIONAL TEMPERATURE -20 TO 80 DEG C AND MAXIMUM FLOW AT 10BAR, TO BE USED AT DRY DUST PRECIPITATORS
113	BRG SPLIT,ID 150 MM,DOUBLE SHIELD,SS	BEARING TYPE SPLIT, INSIDE DIAMETER 150 MM, STYLE DOUBLE SHIELD, MATERIAL SS, SUPPL P/N 150-01-B, A SERIES 01, TYPE COOPER, MUST BE SUITABLE FOR CONDITIONERS, WITH SHAFT
114	HOUSING BRG UNIT PEDESTAL,STL	HOUSING, BEARING UNIT TYPE PEDESTAL, MATERIAL STL, SIZE 181MM HT, P10 TYPE AND SERIES 01, SUITABLE FOR ASH CONDITIONERS, WITH 150MM SHAFT SIZE, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

115	CARTRIDGE COOPER BEARING MAINTENANCE,STL	CARTRIDGE TYPE COOPER BEARING MAINTENANCE, MATERIAL STL, DIMENSIONS 150 MM, APPLICATION ASH CONDITIONER, REFERENCE NO 01 C 150, SERIES 01; WITH 150MM SHAFT SIZE, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
116	SWITCH PRESS 0-400 KPA,15- 30 VDC,100 MA	SWITCH, PRESSURE RANGE 0-400 KPA, POTENTIAL 15-30 VDC, CURRENT 100 MA, ACTION SPST, CONTACT ARRANGEMENT 1NC, APPLICATION DRY DUST PLANT, SUPPL P/N SDE5-D2-C-Q6E-P-K, PNT OUTPUT, 3 CORE CABLE 2 5M
117	SWITCH PRESS 542899,SENSOR,0-1000 KPA	SWITCH, PRESSURE TYPE SENSOR, RANGE 0-1000 KPA, POTENTIAL 15-30 VDC, CURRENT 100 MA, ACTION SPST, CONNECTION 3 WIRE IN, CONTACT ARRANGEMENT 1NO, APPLICATION DRY DUST PLANT, OEM P/N 542899, OUTPUT PNT, M8 3 PIN PLUG ELECTRICAL CONNECTION, SDE5-D10-FP-Q6-P-K
118	DIVERTER DRY DUST,AA241	DIVERTER TYPE DRY DUST, DRAWING NO AA241 REV 0, BRANCH BALL 200MM, 8BAR, FLANGE BS 4504, TABLE 10, 8INCH, 270 DEGREE CELCIUS, MATERIAL ALLOY STEEL, BS 3100-BW2, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
119	SEAL BRG ISOL BEARING,ID 168 MM,OD 270	SEAL, BEARING ISOLATOR TYPE BEARING, INSIDE DIAMETER 168 MM, OUTSIDE DIAMETER 270 MM, WIDTH 61 MM, MATERIAL STL, DRAWING NO 0-45/54963 REV 0, ASH CONDITIONER, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
120	PADDLE ASH CONDITIONER,TIVAR CERAM P	PADDLE TYPE ASH CONDITIONER, DIMENSIONS WD 550 X LG 410 X THK 28 MM, MATERIAL TIVAR CERAM P, DRAWING NO 28-45/55240 REV 0, APPLICATION ASH PLANT, HOLE 4, HOLE DIA 20MM, PADDLE CUT AND DRILLED IN ACCORDANCE TO KRIEL DRAWING NUMBER AND SHOULD BE CLEARLY MARKED ON THE MATERIAL, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

121	JOINT EXPSN BELLOWS,17 MM,LG 18 MM,EPDM	JOINT, EXPANSION TYPE BELLOWS, SIZE 17 MM, LENGTH 18 MM, CONNECTION FLANGE, MATERIAL EPDM, DESIGN RATING 10 BAR, APPLICATION DUST HANDLING PLANT, FACE TO FACE LENGTH 130MM, PCD 160MM, HOLE 8, HOLE DIA M12, FLANGE MATERIAL MS
122	VALVE RELF 200 MM,16 BAR,- 20 TO 100,CI	VALVE, RELIEF VALVE SIZE 200 MM, SET PRESSURE 16 BAR, TEMPERATURE RATING -20 TO 100 DEG C, CONNECTION FLANGE, BODY MATERIAL CI, TRIM BODY-CI, SEALS-NEOPRENE, FACE TO FACE LENGTH 206 MM, OPERATED PNEUMATIC ACTUATOR, SPECIFICATION DV200, APPLICATION DRY DUST BLOW TANK, GRADE BS4504, TABLE 6, SOFTGOODS NEOPRENE SEAL, DESIGN RATING 60 MPA, PRESSURE RANGE 30-400 BAR, MANUF P/N 001 9112, MODEL NO TOCO, TYPE DOME ASSEMBLY, MEDIUM AIR, COMPLETE WITH ACTUATOR AND TOP ADAPTOR
123	DRAIN PNEUMATIC,WD 217 X HT 127 MM	DRAIN TYPE PNEUMATIC, DIMENSIONS WD 217 X HT 127 MM, MATERIAL ALUMINIUM, HANDLES 130 M3/MIN (FAD) OF AIR AT 7 BAR, INLET 0 75 INCH NPT, OUTLET 0 5 INCH NPT, VALVE ORIFICE 7 MM, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
124	FILTER BAG SLEEVE,DIA 123 MM X LG 3 M,1	FILTER, BAG TYPE SLEEVE, DIMENSIONS DIA 123 MM X LG 3 M, MATERIAL MEMBRANE PTFE, PPS NEEDLE FELT, MICRON 1, APPLICATION TRANSFER SILO FILTER BOX, SHAPE CYLINDRICAL, OPEN END WITH FELT SEAL, FLAT END WITH TRIPLE SEAM, STAINLESS STEEL ANTI STATIC STRIP STICHED TO FILTER BAGS, BAGS TO BE SUPPLIED IN CLEARLY MARKED PACKING
125	ADAPTOR TOP,CI,DOME VALVE 200	ADAPTOR TYPE TOP, MATERIAL CI, APPLICATION DOME VALVE 200, SIZE SQ 520 X HT 180 MM, SUPPL P/N ST 1396-00-005; REFERENCE NO 001/0089, BS EN 1563 GJS 450/10
126	DRAIN AUTOMATIC TIMED	DRAIN TYPE AUTOMATIC TIMED, DIMENSIONS WD 50 X LG 80 X HT 40 MM, AUTOMATIC ELECTRIC TIMED DRAIN, INTERNAL PILOT, CONNECTION SIZE 1/2" INCH, OFFICIAL SIZE 16MM, WORKING PRESSURE 1-10 BAR, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).

127	SHAFT MAIN,LG 202 MM,STL,DUST HANDLING	SHAFT TYPE MAIN, LENGTH 202 MM, MATERIAL STL, APPLICATION DUST HANDLING, SPECIFICATION BS 970, END 1 SIZE H7 43.8 MM, END 2 SIZE H7 43.8 MM, MANUF P/N ST 1396- 00-010, DRAWING NO 001 0070 REV 0, MATERIAL 431529
128	FAN REVERSED,120 M3/MIN,14313	FAN TYPE REVERSED, DIMENSIONS WD 980 MM X LG 1 125 M X HT 960 MM, VOLUME RATING 120 M3/MIN, REFERENCE NO 14313, TOTAL PRESSURE 2.1 PA, ABSORBED POWER 6.15KW, EFFICIENCY 73%, BOLTED INSPECTION DOOR, BASE IN CARBON STEEL SECTION BARS WITH VIBRATORS
129	DRYER COMPRESSED	DRYER TYPE COMPRESSED, MANUF P/N A-DRY-60, HEATLESS ADSORPTION COMPRESSED AIR DRYER, FOR USE ON THE TRANSFER SILO, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
130	MANIFOLD VLV 2 WAY,1/1 IN,8 BAR,AL	MANIFOLD, VALVE STYLE 2 WAY, SIZE 1/1 IN, DESIGN RATING 8 BAR, TEMPERATURE RATING -40 TO 100 DEG C, BODY MATERIAL AL, CONNECTION DIRECT MOUNT, ITEM TO BE DELIVERED WITH SANS 3 1 CERTICATE TO FIT AUTEL 6IN HEADER TANK VALVE, WORKING PRESSURE 1 5-8BAR, WEIGHT 1 2-1 4KG, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
131	VALVE BALL 40 MM,5 BAR,10- 80 DEG C,CI	VALVE, BALL VALVE SIZE 40 MM, DESIGN RATING 5 BAR, TEMPERATURE RATING 10-80 DEG C, CONNECTION 1-1/2 INNPT, BODY MATERIAL CI, FACE TO FACE LENGTH 164 MM, OPERATED MANUAL, APPLICATION BLOWPOTS
132	PANEL ELECT PWR ECONOMIZER,220 VAC,4- 20	PANEL, ELECTRICAL POWER TYPE ECONOMIZER, DIMENSIONS WD 76.7 X LG 189 X HT 103 MM, POTENTIAL 220 VAC, CURRENT 4-20 MA, CLASSIFICATION IP65, POWER 40 W, SUPPL P/N ECOSERIAL-P, APPLICATION DUST COLLECTORS, WITH BUILT-IN DIFFERENCIAL PRESSURE GAUGE, ABLE TO CONTROL UP TO 30 REMOTE PILOT BOX MODULES, MECHANICAL FASTENERS, DISPLAY TYPE LCD, RESOLUTION 128X64, DATA SHEET ND OPERATING MANUAL TO BE PROVIDED IN EVERY DELIVERY
133	STRAINER PIPNG Y,DIA 51 X LG 70 MM,12	STRAINER, PIPING TYPE Y, DIMENSIONS DIA 51 X LG 70 MM, PRESSURE RATING 12 BAR, MATERIAL SS GR 316, CONNECTION NPT 1/4 IN, MICRON 800, MESH 100 MM, SPECIFICATION BS 4504, SUPPL P/N 16HP

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134	VALVE RELF 250 MM,-33 TO 33 MBAR,100,CS	VALVE, RELIEF VALVE SIZE 250 MM, SET PRESSURE -33 TO 33 MBAR, TEMPERATURE RATING 100 DEG C, CONNECTION FLANGE, BODY MATERIAL CS, FACE TO FACE LENGTH FLAP, OPERATED PRESSURE SWING, ORIFICE SIZE 10 MM, SPECIFICATION PROTEGO VD/SV-250, DESIGN RATING 33 MBAR, PRESSURE RANGE -33 TO 33 MBAR, FLOW CAPACITY AT DESIGN PRESSURE 800M3/H, ALL FLOW RATES EXPRESSED IN 20DEG C AIR, SUPPLY WITH 3 1 CERTIFICATE AND WITH CALIBRATION CERTIFICATE, DIN EN 1092-1, PN10 FORM B1, TRIM HOUSING MODULE 1.0619, SEAT 316 SS/1 4571, COVER 1 0425, GASKET PTFE, WEATHER HOOD SS, PROTECTIVE SCREEN SS, BOLTS/NUTS A4, THREADED PIN A4, VALVE PALLET HOOD 316 SS/1.4571, VALVE PALLET 316 SS/1 4571, PIPE GUIDE 316 SS/1.4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1.4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1.4571, COVER 1 0425, GASKET PTFE, WEATHER HOOD SS, PROTECTIVE SCREEN SS, BOLTS/NUTS A4, THREADED PIN. A4, VALVE PALLET HOOD 316 SS/1 4571, PIPE GUIDE 316 SS/1.4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1.4571, HEXAGON NUT A4, SPINDLE GUIDE 316 SS/1.4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1 4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1 4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1 4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1 4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1 4571, TRIM HOUSING MODULE 1 0619, SEAT 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571, PIPE GUIDE 316 SS/1 4571, PIN 316 SS/1 4571
135	BRG RLR SPHERICAL,ID 35 MM,OD 72 MM,OPEN	BEARING, ROLLER TYPE SPHERICAL, INSIDE DIAMETER 35 MM, OUTSIDE DIAMETER 72 MM, WIDTH 23 MM, ROW DOUBLE, BORE SHAPE TAPER 1 12, STYLE OPEN, CAGE MATERIAL STL, ROLLING ELEMENT ROLLERS, SUPPL P/N 22207EK
136	SOLENOID HIGH PRESSURE,220 VAC,DUST	SOLENOID TYPE HIGH PRESSURE, COIL VOLTAGE 220 VAC, CLASSIFICATION DUST, SUPPL P/N SCG3553A044, APPLICATION DRY DUST COMMON PLANT
137	DIVERTER DRY DUST,AA241	DIVERTER TYPE DRY DUST, DRAWING NO AA241 REV 0, BRANCH BALL 200MM, 8BAR, FLANGE BS 4504, TABLE 10, 8INCH, 270 DEGREE CELCIUS, MATERIAL ALLOY STEEL, BS 3100-BW2, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

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140	FILTER ELMNT CARTRIDGE,PAPER	FILTER, ELEMENT TYPE CARTRIDGE, DIMENSIONS ID 210 X OD 325 X LG 660 MM, MATERIAL PAPER, MANUF P/N P 14 - 5891, REFERENCE NO 8PP19215/01, NOTE - MATERIAL MUST BE PROTECTIVE PACKED
141	PUMP ASPHALT,Q34	PUMP TYPE ASPHALT, REFERENCE NO Q34, WITH SEW GEARBOX RX81 MOUNT ON PEDESTAL WITHOUT MOTOR
142	HEATER IMRSN DIA 550 MM X LG 2 62 M,380	HEATER, IMMERSION DIMENSIONS DIA 550 MM X LG 2 62 M, POTENTIAL 380 VAC, POWER 427 KW, REFERENCE NO SR 64895, PVN 400-6/198, COMPLETE WITHOUT MAIN CASING, AND ESKOM ORDER OPO 11960, SO3 AIR
143	TRAP STEAM BW 25 MM,110 BAR,13CRMO44	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)
144	VALVE GATE 1/2 IN,WEDGE,THD,80 MM,MANUAL	VALVE, GATE VALVE SIZE 1/2 IN, TYPE WEDGE, CONNECTION THD, FACE TO FACE LENGTH 80 MM, BODY MATERIAL FST ASTM A105, TRIM DISC/SEAT F6-HF, STEM F6, OPERATED MANUAL, STEM DESIGN RISING SPINDLE, STYLE BOLTED BONNET, TEMPERATURE RATING 0-850 DEG F, DESIGN RATING 800 LB, CAT NO L813, OMB, FOR ASH HOPPERS
145	GREASE INDSTRL BEARING,55 DEG C,125/WA2	GREASE, INDUSTRIAL TYPE BEARING, TEMPERATURE RATING 55 DEG C, VISCOSITY RATING 125/WA2, COLOR GREEN, CONTAINER 125 ML, SUPPL P/N LAGD125/WA2, FOR USE ON MILL SEAL AIR AND SO3 FAN BEARINGS, TO BE SUPPLY IN CANISTERS WIT GAS ADJUSTER ON TOP
146	GASKET PC ID 330 X OD 370 MM,THK 5 MM	GASKET, PRE CUT DIMENSIONS ID 330 X OD 370 MM, THICKNESS 5 MM, TYPE ISOLATION, MATERIAL CERAMIC FIBER, SHAPE ROUND, TEMPERATURE RATING 0-1100 DEG C, ISOPLAN 1100, LYTHERM, BURNER OUTLET FLANGE NO 2, DATA SHEET REQUIRED FOR QUALITY AND CERTIFICATION PURPOSES

147	DOOR HTCH PRECIP INSPECTION,PRECIPS	DOOR, HATCH TYPE PRECIP INSPECTION, MATERIAL AL GR LM4 ALLOY, DIMENSIONS DIA 570 X THK 17 MM, APPLICATION PRECIPS, DRAWING NO 0 45/57035 REV 0, ITEM TO BE MANUFACTURED AS PER ESKOM REQUIREMENT STANDARD, HANDLES INCLUDED, MATERIAL CERTIFICATE REQUIRED WITH EACH ITEM ON DELIVERY, VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
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