	Supply and Delivery of Lube Oil Filters SHE SPECIFICATION	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

Project Name: Supply and Delivery of Lube Oil Filters

Project Address: *Kusile Power Station, R545 Kendal/Balmoral Road, Haartebeesfontein Farm, Witbank 1035*

Scope of the project: Supply and Delivery of Lube Oil Filters

Eskom Contract's Manager


Name: Amander Mngomezulu

Signature: 

Date: 26.05.2022

Eskom's Health and Safety Manager

Name: Ntokozo Mashita

Signature: 

Date: 26/05/2022

Eskom's Procurement Manager

Name: Matshidiso Kgafane

Signature: 

Date: 27 May 2022

Eskom's Safety Officer

Name: N/A

Signature: N/A

Date: N/A

Eskom's Quality Manager


Name: Sazi Zungu

Signature: 

Date: 26.05.2022

Eskom's Environmental Manager

Name: Lesiba Kgobe


Signature: 

Date: 26/05/2022

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1. INTRODUCTION

Eskom Kusile Power Station's responsibility and commitment is to ensure a safe working environment is in line with its Safety, Health, Environmental and Quality Policy, along with legislative obligations.

This SHE specification is Eskom Kusile Power Station's minimum requirements which are required to be met for the specific contract and for the duration of the contract period by contractors and where required, the delivery organisation.

Eskom in no way assumes the contractor's legal responsibilities. The contractor is and remains accountable for the quality and the execution of his/her health and safety programme for his/her employees and appointed contractor employees.

This SHE specification reflects minimum requirements and should not be construed as all encompassing.

Note 1: All the requirements listed hereunder are in relation to the contract and do not supersede or replace any organizational SHE requirements.

Note 2: In terms of Eskom requirements, a section of this professional contract falls within the requirements of the Construction Regulations.

Although there are requirements listed in this specification that do not pertain directly to air charter, the requirements are expect of an air charter contractor business to conform to. These requirements are in line with Eskom's Zero Harm value.

Where requirements listed are already in place, then the organisational requirements must be taken cognisance of and listed in the respective SHE plans. If there are any additional Eskom and or legislative requirements listed in the SHE specification, then these must be addressed.

2. SUPPORTING CLAUSES


2.1 SCOPE

This SHE specification lists the legislative and Eskom requirements and where applicable, any requirements pertaining to Local Authorities / Municipal by-laws / Environmental legislation that must be met by the contractor.

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2.1.1 Purpose

To indicate OHS requirements applicable to the supply and delivery of Lube Oil Filters to Kusile Power Station

2.1.2 Applicability

This SHE specification is applicable to all suppliers to supply and deliver Lube oil Filters to Kusile 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] Basic Conditions of Employment Act No 75 of 1997.
- [2] Occupational Health and Safety Act and Regulations No 85 of 1993.
- [3] National Environmental Management Act 107 of 1998.
- [4] National Road Traffic Act 93 of 1996.
- [5] 32-37 Eskom Substance Abuse Procedure.
- [6] Civil Aviation Act 13 of 2009.
- [7] Air Services Licence Act 115 of 1990.

2.2.2 Informative


- [8] 32-726 Contracts and Contractor OHS Management Standard
- [9] 240-62196227 Eskom Life Saving Rules
- [10] Tobacco Products Control Act 83 of 1993 (Updated 2011.05.19)
- [11] SANS 1186 Symbolic Safety Signs
- [12] Constitution of the Republic of South Africa No 108 of 1996
- [13] 32-95 Eskom Procedure Manual for Performing Occupational Health & Safety Management: Conducting EH&S Incident Management,

Definitions

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Definition	Explanation
Appointed contractor	Means a contractor appointed by the principal contractor
Baseline risk assessment	(32-520) baseline operational risks refer to the health and safety risks associated with all standard processes and routine activities in the business
Client	Eskom representative (Internal – Asset Owner), also referred to as the contract administrator/custodian or agent or project manager (as defined in the contract). He/she is the person responsible for ensuring that the works or services are executed in terms of the contract, as well as adherence to legislation pertaining to the contract.
Competent person	(OHS Act) means any person having the knowledge, training, experience, and qualifications, specific to the work or task being performed, provided that, where appropriate, qualifications and training are registered in terms of the South African Qualifications Authority Act, 1995 (Act No. 58 of 1995)
Contractor – includes appointed contractor	means an employer as defined in section 1 of the Act who performs contract work and includes principal contractors
Consultant	means a person providing professional advice
Duty of care to the environment	(32-136) anybody who causes or has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing, or recurring. If such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, such person must minimise and rectify such pollution or degradation of the environment
Employee	(OHS Act) means, subject to the provisions of subsection (2), any person who is employed by or works for an employer and who receives or is entitled to receive any remuneration or who works under the direction or supervision of an employer or any other person
Employer	(OHS Act) means, subject to the provisions of subsection (2), any person who employs or provides work for any person and remunerates that person or expressly or tacitly undertakes to remunerate him/her, but excludes a TES (ex labour broker) as defined in section 1(1) of the Labour Relations Act 1956 (Act No. 28 of 1956)
Eskom requirements	a) Eskom requirements flowing from directives, policies, standards, procedures, specifications, work instructions, guidelines, or manuals
Hazard	(OHS Act) means a source of, or exposure to, danger
Hazard identification	(OHS Act) means the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed
Health and safety file	(OHS Act) means a file or other record, containing the information in writing required by the construction regulations.
Health and safety plan	(OHS Act) means a site, activity or project specific document plan in accordance with the client's health and safety specifications.
Health and safety specification	(OHS Act) means a site, activity or project specific document prepared by the client pertaining to all health and safety requirements related to construction work.

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Health and safety requirements	means comprehensive health and safety requirements for a contract, project, site, and scope of work. This specification is intended to ensure the health and safety of persons, both workers and the public, and the duty of care to the environment. The health and safety requirements must be specific to each contract, project, site, and scope of work
Medical certificate of fitness	(OHS Act) means a certificate specific to the work to be performed and issued by an occupational health practitioner in the form of Annexure 3 of the construction regulations.
Medical surveillance	(OHS Act) means a planned programme or periodic examination (which may include clinical examinations, biological monitoring, or medical tests) of employees by an occupational health practitioner or, in prescribed cases, by an occupational medicine practitioner
Method statement	(OHS Act) means a written document detailing the key activities to be performed in order to reduce, as reasonably as practicable, the hazards identified in any risk assessment
Organisation	may be defined as a group of individuals (large or small) that is cooperating under the direction of executive leadership in accomplishment of certain common objects
Pre-job meetings	(34-227) means a meeting that is held prior to the commencement of the day's work and that is attended by all the relevant employees associated with the work task
Principal contractor	(In the text of this document) Means an employer, as defined in section 1 of the OHS Act, who intends to tender for or has signed a contract with Eskom for services rendered.
Provincial director	(OHS Act) means the provincial director as defined in Regulation 1 of the General Administrative Regulations under the Act
Responsible Manager	Is a Manager of a department, section or operating/business unit who has been appointed as part of the Eskom delegation of authority process with the aim to assist the applicable 16(2) assigned person in executing his/her duties in terms of the Occupational Health and Safety Act
Risk assessment	(OHS Act) means a programme to determine any risk associated with any hazard at a construction site in order to identify the steps needed to be taken to remove, reduce, or control such hazard.
Site	(34-228) means an Eskom department, unit, complex, building, specific project, work site, or the site where agents, clients, principal contractors, contractors, suppliers, vendors, and service providers provide a service to Eskom, directly or indirectly
Service provider	any private person or legal entity that provides any service(s) to Eskom for compensation
Task	(34-227) a segment of work that requires a set of specific and distinct actions for its completion
Toolbox talks	(34-227) where the team leader, after conducting pre-task planning, shares all the tasks at hand and discusses task allocation, the identified risks, and the control measures with all his/her team members on site before commencing a specific task and documenting the agreed strategy. (This shall be done to ensure common understanding of the tasks, risks, and control measures required.)

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The Act	(OHS Act) means the Occupational Health and Safety Act No. 85 of 1993, as amended, and the Regulations thereto
Visitor	any person visiting a workplace with the knowledge of, or under the supervision of, an employer.

2.3 Abbreviations

Abbreviation	Description
BU	Business Unit
CE	Chief Executive
COID Act	Compensation for Occupational Injuries and Diseases Act
CR	Construction Regulations
DMR	Driven Machinery Regulations
DoL	Department of Labour (Inspection and Enforcement services – Provincial office)
EP	Emergency Preparedness
EAP	Employee Assistance Program
ERfW	Environmental Regulations for Workplaces
GAR	General Administrative Regulations
GSR	General Safety Regulations
HCS	Hazardous Chemical Substances
LDV	Light Delivery Vehicle
MSDS	Material Safety Data Sheets
NEMA	National Environmental Management Act
OHS Act	Occupational Health and Safety Act and Regulations, 85 of 1993
SABS	South African Bureau Standard
SANS	South African National Standard


2.5 Related/Supporting Documents

Eskom OHS Act section 37 (2) agreement (to be completed by the contract responsible manager).

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3. Specification

3.1 Scope of work

A copy of the scope of works must be retained by the contractor.


Note: The contractor who will be awarded this contract will be known as the “principal contractor” and any contractor appointed by the principal contractor will be known as the “appointed contractor”.

Item No	Material Number	Detailed Description
1	0662692	FAN: TYPE: FILTER UNIT; DIMENSIONS: DIA 215 MM; VOLUME RATING: 2 M3/S; MATERIAL: PLASTIC; SPECIFICATION: TH-CD-2592-00-03; DRIVER: MOTOR; SUPPL P/N: 2592-00-03-28
2	0655543	FILTER, ELEMENT: TYPE: CARTRIDGE AIR; SUPPL P/N: SP-KUS-F2-05418
3	0644958	FILTER, FLUID: TYPE: GAS TRANSFER MEMBRANE; FILTERING MEDIA: WATER; MATERIAL: POLYPROPYLENE; FILTERING ELEMENT QUANTITY: 1; DESIGN TYPE: CYL; MODEL NO: G533RP; X50 FIBRE; MICRON IN/OUT: 220/300U; DIMENSIONS: DIA 356MM X LG 1.156M; 14X28 LIQUI-CEL MEMBRANE CONTATOR; SOURCE DOCUMENT REFERENCE: SMC-0114-12-9024VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
4	0644959	FILTER, FLUID: TYPE: GAS TRANSFER MEMBRANE; FILTERING MEDIA: DEMIN WATER; MATERIAL: POLYPROPYLENE; FILTERING ELEMENT QUANTITY: 1; DESIGN TYPE: CYL; MODEL NO: G531RP; X40 FIBRE; MICRON IN/OUT: 200/300U; DIMENSIONS: DIA 356MM X LG 1.156M; 14X28 LIQUI-CEL MEMBRANE CONTATOR; SOURCE DOCUMENT REFERENCE: SMC-0114-12-9024; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
5	0662537	ASSEMBLY: TYPE: SUCTION FILTER; APPLICATION: LIMESTONE HYDRAULIC FEEDER DRIVE; SPECIFICATION: TH-CD-2572-00-02; SUPPL P/N: 2572-00-02-24
6	0662568	SWITCH, PRESSURE: TYPE: FILTER BLOCK; RANGE: -1 TO 2.5 BAR; POTENTIAL: 125-250 V; CURRENT: 3 A; ACTION: SPST; CONNECTION: 1/4 IN; CONTACT ARRANGEMENT: 1NC; APPLICATION: LIMESTONE HYDRAULIC FEEDER DRIVE; SPECIFICATION: TH-CD-2572-00-02; SUPPL P/N: 2572-00-02-26A
7	0662545	FILTER, ELEMENT: TYPE: RETURN LINE; DIMENSIONS: DIA 104 X LG 254 MM; MATERIAL: AL/FIBER; FILTERING RETENTION: 1 U; SPECIFICATION: TH-CD-2572-00-02; SUPPL P/N: 2572-00-02-15B

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8	0694210	VALVE: TYPE: DIRT FILTER; VALVE SIZE: DN150; DESIGN RATING: PN16; TEMPERATURE RATING: 543 DEG C; CONNECTION: FLANGE; OPERATED: MANUAL; BODY MATERIAL: GGG-40.3; SPECIFICATION: EN 10204-3.1; SUPPL P/N: 6B857153353466CAE0401EAC37FA5597
9	0662688	BREATHER: TYPE: FILTER; MATERIAL: AL/GLASS; DIMENSIONS: DIA 350 MM; CONNECTION: BSP; SPECIFICATION: TH-CD-2593-00-01; SUPPL P/N: 2593-00-01-12; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
10	0662565	FILTER, ELEMENT: TYPE: RETURN LINE; DIMENSIONS: DIA 120 X LG 254 MM; MATERIAL: AL/FIBER; FILTERING RETENTION: 2 U; SPECIFICATION: TH-CD-2572-00-02; SUPPL P/N: 2572-00-02-26B
11	0662718	FILTER, ELEMENT: TYPE: RETURN LINE; DIMENSIONS: DIA 100 X LG 250 MM; MATERIAL: BETAMICRON; FILTERING RETENTION: 2 U; SPECIFICATION: TH-CD-2592-00-03; SUPPL P/N: 2592-00-03-19B
12	0662559	ASSEMBLY: TYPE: RETURN LINE FILTER 1; APPLICATION: LIMESTONE HYDRAULIC FEEDER DRIVE; DIMENSIONS: LG 860 MM; SPECIFICATION: TH-CD-2572-00-02; SUPPL P/N: 2572-00-02-26
13	0662719	FILTER, ELEMENT: TYPE: HIGH PRESSURE; DIMENSIONS: DIA 95 X LG 200 MM; MATERIAL: BETAMICRON; FILTERING RETENTION: 1 U; SPECIFICATION: TH-CD-2592-00-03; SUPPL P/N: 2592-00-03-11B
14	0695931	FILTER, FLUID: TYPE: DUAL; FILTERING MEDIA: CARTRIDGES; MATERIAL: PP; DESIGN TYPE: CYL; MOUNTING TYPE: SCREW 2 IN; FILTRATION RATE: 130 U; SUPPL P/N: 70640-004700; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
15	0647816	FILTER, ELEMENT: TYPE: PNEUMATIC; MATERIAL: MICROGLASS FIBER; FILTERING RETENTION: 0.01 U; SUPPL P/N: 6H10-025; COALESCENT CARTRIDGE FOR HP10N
16	0623255	FILTER, OIL: TYPE: MESH CARTRIDGE; DIMENSIONS: DIA 33 X LG 81 MM; MATERIAL: SS AUSTENITIC; MICRON: 2 U; APPLICATION: H2 SEAL OIL STRAINER; SUPPL P/N: 2Z26A
17	0647660	STRAINER: REFERENCE NO: 112002-000257; 6IN; 4IN SK APOLLO FILTERS POLY BATTERY

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18	0662707	ASSEMBLY: TYPE: HP FILTER; APPLICATION: LIMESTONE; SPECIFICATION: TH-CD-2592-00-03; SUPPL P/N: 2592-00-03-11
19	0647817	FILTER, ELEMENT: MATERIAL: CERAMIC; SUPPL P/N: ZZPZFK5-A091
20	0687466	FILTER, ELEMENT: TYPE: CARTRIDGE OIL; DIMENSIONS: DIA 120 MM; MATERIAL: STL; FILTERING RETENTION: 20 U; REFERENCE NO: 300367; SUPPL P/N: 01.NL250.10VG.30.E.P
21	0656097	FILTER, AIR: TYPE: DUST; DIMENSIONS: WD 20M X LG 2M X THK 10MM; MATERIAL: FIBER SYNTHETIC; APPLICATION: CEP VSD DOORS; SHAPE: RECTANGLE; SPECIFICATION: G3:EN779; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
22	0612611	FILTER, OIL: TYPE: INLINE; DIMENSIONS: ID 106 X OD 210 X LG 287.5 MM; MATERIAL: ALUMINIUM; MICRON: 10; REFERENCE NO: FLND BN/HC 100 FDD 6 C 1.2/-Z
23	0664359	ASSEMBLY: TYPE: HYDRAULIC HIGH PRESSURE FILTER; APPLICATION: STACKER HYDRAULIC SYSTEM 0 1EAD40 AT001; MATERIAL: STL; SPECIFICATION: 0973 0 07404-1; SUPPL P/N: 0973 0 07404-1-22
24	0680392	FILTER, ELEMENT: TYPE: AIR INTAKE; DIMENSIONS: DIA 115 X LG 260 MM; MATERIAL: SSS/GLASSFIBRE; FILTERING RETENTION: 25 U; SUPPL P/N: 2564277215V060; ON EVERY DELIVERY ENSURE DATASHEETS; DRAWINGS AND TEST CERTIFICATES
25	0644254	FILTER, OIL: TYPE: DUPLEX; DIMENSIONS: LG 217.10 MM; MATERIAL: STL; MICRON: 10 U; APPLICATION: FGD OXIBLOWER; PRESSURE RATING: 80 BAR; DRAWING NO: DHF8670-G-INSTR SH1/3 REV 0; SUPPL P/N: 933006-4040; INSERT ORGANIC FIBRES IMPREGNATED AND BONDED WITH EPOXY RESINS SUPPORTED BY MESH; SEALS: NITRIL; FLUOROCARBON; ELEMENT HARDWARE: CORROSION PROTECTED CARBON STL; PROOF PRESSURE: 120 BAR; BURST: 380 BAR
26	0646207	FILTER, AIR: SUPPL P/N: FY32-GC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
27	0641287	CLOTH: TYPE: FILTER; WIDTH: 3.35 M; LENGTH: 58.265 M; THICKNESS: 1.5 MM; MATERIAL: FIBER; COLOR: BLUE SKY; PACKAGE TYPE: ROLL; SUPPL P/N: HBF-CB-32-011-34

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28	0646199	SIEVE: TYPE: DOUBLE FILTER; MESH SIZE: 200 µM; SUPPL P/N: 1204073; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
29	0685809	FILTER: TYPE: RESIN TRAP; DIMENSIONS: ID 309MM X OD 405MM X LG 1.2M; MATERIAL: SS 316L; MICRON: 0.1 MM; MEDIUM: RESIN; SPECIFICATION: 12S/Q35 X60 FOTI WEDGE WIRE; DRAWING NO: 0.90/173618-02 REV 0; 12 INCH BASKET STRAINER WITH STIFFENER; PLEASE PROVIDE THE FOLLOWING DOCUMENTS: DRAWING, DATA SHEET, MANUAL AND CERTIFICATE
30	0637617	FILTER, AIR: TYPE: CARTRIDGE; DIMENSIONS: DIA 200 X LG 220 MM; MATERIAL: VILEDON REINFORCED; MICRON: 40 U; APPLICATION: AIR ANALYZER; EFFICIENCY: 90 PCT; SHAPE: CYLINDRICAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
31	0637612	FILTER, AIR: TYPE: CARTRIDGE; DIMENSIONS: DIA 250 X LG 340 MM; MATERIAL: VILEDON REINFORCED; MICRON: 40 U; APPLICATION: AIR ANALYZER; EFFICIENCY: 90 PCT; SHAPE: CYLINDRICAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
32	0637611	FILTER, AIR: TYPE: CARTRIDGE; DIMENSIONS: DIA 250 X LG 285 MM; MATERIAL: VILEDON REINFORCED; MICRON: 40 U; APPLICATION: AIR ANALYZER; EFFICIENCY: 90 PCT; SHAPE: CYLINDRICAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
33	0647248	GASKET SET: TYPE: FILTER BODY TO COVER SEALING; APPLICATION: DESUPERHEATING SUPPLY FILTER 10LCE10AT001; DRAWING NO: M76-EA-004 REV 0; T BASKET STRAINER AND ND250 SERIAL 300LBS BW GASKET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
34	0662535	ASSEMBLY: TYPE: RETURN LINE FILTER; APPLICATION: TERRACE CONVEYOR HYDRAULIC DRIVE AND CYLINDER EXTENSION SYSTEM; SUPPL P/N: 2570-00-03-21
35	0662548	ASSEMBLY: TYPE: RETURN LINE FILTER; APPLICATION: LIMESTONE HYDRAULIC FEEDER DRIVE; SPECIFICATION: TH-CD-2572-00-02; SUPPL P/N: 2572-00-02-15

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36	0685807	FILTER: TYPE: RESIN TRAP; DIMENSIONS: ID 309MM X OD 409MM X LG 1.379M; MATERIAL: SS 316L; MICRON: 0.1 MM; MEDIUM: RESIN; SPECIFICATION: 12S/Q35 X60 FOTI WEDGE WIRE; DRAWING NO: 0.90/173618-01 REV 0; 12 INCH BASKET STRAINER WITH STIFFENER; PLEASE PROVIDE THE FOLLOWING DOCUMENTS: DRAWING, DATA SHEET, MANUAL AND CERTIFICATE
37	0685813	FILTER: TYPE: RESIN TRAP; DIMENSIONS: ID 164MM X OD 218MM X LG 1M; MATERIAL: SS 316L; MICRON: 0.1 MM; MEDIUM: RESIN; SPECIFICATION: 12S/Q25 X36 FOTI WEDGE WIRE; DRAWING NO: 0.90/173618-03 REV 0; 6 INCH BASKET STRAINER WITH STIFFENER; PLEASE PROVIDE THE FOLLOWING DOCUMENTS: DRAWING, DATA SHEET, MANUAL AND CERTIFICATE
38	0644173	FILTER, ELEMENT: TYPE: PRESSURE; REFERENCE NO: 402-50-020; SUPPL P/N: HP065-1-A03AN
39	0695126	FILTER, ELEMENT: TYPE: DRYER; DIMENSIONS: ID 5.5 X OD 6.5 X LG 12 IN; MATERIAL: BOROSILICATE GLASS MICROFIBERS; FILTERING RETENTION: 0.9 U; SPECIFICATION: 712-1H; SUPPL P/N: CCN38435947; END CAPS: CARBON STEEL; SEAL: VITON; CONFIGURATION: SINGLE OPEN END WITH POSITIVE SEALING MECHANISM MEDIA: MICROFORM BOROSILICATE GLASS MICROFIBERS; SUPPORT CORE: CARBON STEEL RETAINER AND CENTER CORE
40	0685805	FILTER: TYPE: RESIN TRAP; DIMENSIONS: WD 218 X LG 750 X HT 164 MM; MATERIAL: SS 316L; MICRON: 0.1 MM; MEDIUM: RESIN; SPECIFICATION: 12S/Q25 X36 FOTI WEDGE WIRE; DRAWING NO: 0.90/173618 REV 0; 6 INCH BASKET STRAINER WITH STIFFENER; PLEASE PROVIDE THE FOLLOWING DOCUMENTS: DRAWING, DATA SHEET, MANUAL AND CERTIFICATE
41	0655976	FILTER, ELEMENT: TYPE: OIL; DIMENSIONS: DIA 60 MM; MATERIAL: MEDIA SYNTHETIC; FILTERING RETENTION: 25 U; SUPPL P/N: RFLD-W/HC661DAS25VE1.0/-Z-A1.5
42	0644174	FILTER, ELEMENT: TYPE: HSU SKID RETURN OIL; REFERENCE NO: 402-51-154; SUPPL P/N: MF100-2-A10HB
43	0648245	FILTER, AIR: TYPE: INLET; DIMENSIONS: ID 243 X OD 344 X HT 286 MM; MATERIAL: PAPER; APPLICATION: PJFFP AERATION BLOWER RAM-208X; MODEL NO: UCD-7; FLOW RATE: 4514M3/HR; SURFACE AREA: 6.270M2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).

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44	0662612	FILTER, AIR: TYPE: AIR CONDITIONING; DIMENSIONS: WD 287 X HT 592 X DP 305 MM; MATERIAL: SYNTHETIC FIBER; MICRON: 10 U; APPLICATION: VENTILATION SYSTEM; SHAPE: RECTANGLE; CLASSIFICATION TYPE: EN779-G4; DRIPACK 25; FRAME MATERIAL: GS; MAX OPERATION TEMP: 66 DEG CVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
45	0637778	FILTER, ELEMENT: TYPE: SUCTION; DIMENSIONS: DIA 625 MM; MATERIAL: GLASS FIBER; FILTERING RETENTION: 20 UM; SUPPL P/N: 01.TS.625.25VG.B.P; HORIZONTAL TANK MOUNTED; DATA SHEET SHALL BE SUPPLIED WITH EVERY DELIVERY
46	0612650	FILTER, ELEMENT: TYPE: PLEATED PAPER MESH; DIMENSIONS: DIA 177 MM; MATERIAL: PAPER; FILTERING RETENTION: 3 U; SUPPL P/N: 0005L003P
47	0636698	FILTER, ELEMENT: TYPE: INLINE; DIMENSIONS: WD 94.5 X LG 193.9 X DP 48.1 MM; MATERIAL: SS WIRE MESH; FILTERING RETENTION: 25 U; SPECIFICATION: 1300 R 025 W/HC/K; MODEL NO: RFLW/HC1300CL25V020.8VE.01.X/KB; O-RING: 234; 32 X 5.33MM; QUANTITY: 1
48	0637777	BREATHING: TYPE: FILTER; MATERIAL: GLASS/STL; DIMENSIONS: DIA 55 MM; CONNECTION: G2 IN; SUPPL P/N: 01.NBF.3VLP; FILTRATION EFF D100=3; DATA SHEET SHALL BE SUPPLIED WITH EVERY DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
49	0612615	FILTER, ELEMENT: TYPE: INLINE; DIMENSIONS: DIA 160 MM; MATERIAL: BETAMICRON; FILTERING RETENTION: 10 U; REFERENCE NO: FLND BN/HC 160DDF 10 C1.2/-Z-A2
50	0629630	FILTER, OIL: TYPE: DUPLEX; DIMENSIONS: ID 135 X OD 189 X LG 990 MM; MATERIAL: CS GALV/SS; MICRON: 10; APPLICATION: BOILER FEED PUMP LUBE OIL FILTRATION; MANUF P/N: 321321; 01E.400.10VG.10.EP; REFERENCE NO: 01E.4001.10VG.10.EP; FILTERING MATERIAL FIBREGLASS; MESH SS; FOR USE AT LAC11/12/13AP010; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE); ONLY INTERNORMEN OR EATON ORIGINAL SEGMENTED (4 SEGMENTS) FILTERS WILL BE ACCEPTED; FILTER DATASHEET WILL BE REQUIRED UPON DELIVERY
51	0612651	FILTER, OIL: TYPE: DUPLEX; DIMENSIONS: ID 65 X OD 182 X LG 274 MM; MATERIAL: SS; MICRON: 10; OEM P/N: Pi 3708-12

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52	0662708	ASSEMBLY: TYPE: RETURN LINE FILTER; APPLICATION: LIMESTONE; SPECIFICATION: TH-CD-2592-00-03; SUPPL P/N: 2592-00-03-19
53	0685817	FILTER: TYPE: RESIN TRAP; DIMENSIONS: ID 110 X OD 172 X LG 550 MM; MATERIAL: SS 316L; MICRON: 0.1 MM; MEDIUM: RESIN; SPECIFICATION: 12S/Q25 X24 FOTI WEDGE WIRE; DRAWING NO: 0.90/173618-04 REV 0; 4 INCH BASKET STRAINER WITH STIFFENER; PLEASE PROVIDE THE FOLLOWING DOCUMENTS: DRAWING, DATA SHEET, MANUAL AND CERTIFICATE
54	0629761	FILTER, HYDRAULIC: TYPE: SUCTION; MICRON: 20 U; PRESSURE RATING: 3000 PSI; MATERIAL: GLASS FIBER; APPLICATION: HYDRAULIC DRIVE SYSTEM FDR-1; SUPPL P/N: TSW.625.25VG.B-P-PS-8.01.E4-S-100
55	0662582	FILTER, ELEMENT: TYPE: RETURN LINE; DIMENSIONS: DIA 105 MM; MATERIAL: AL/FIBER; FILTERING RETENTION: 0.1 U; SPECIFICATION: TH-CD-2570-00-03; SUPPL P/N: 2570-00-03-21B
56	0612664	FILTER, ELEMENT: TYPE: PI 3111SM-X10; DIMENSIONS: DIA 66 MM; MATERIAL: FIBER CELLULOSE; FILTERING RETENTION: 10 U; OEM P/N: Pi 2111-56
57	0648246	FILTER, AIR: TYPE: F50 1/1 COMPACT POCKET FILTER FINE DUST; DIMENSIONS: SQ 600 X LG 650 MM; MATERIAL: POLYESTER; APPLICATION: FLY ASH SILO BLOWER ROOM; SUPPL P/N: PF50FG0100; ISO EPM10 55PCT CLASS TO ISO 16890; M5 FILTER CLASS; NOMINAL VOLUME FLOW: 4250M3/HR; ENERGY EFFICIENCY CLASS A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
58	0621943	FILTER, ELEMENT: TYPE: WIRE-MASH; DIMENSIONS: DIA 114.05 X LG 380 MM; MATERIAL: SS; FILTERING RETENTION: 25 U; SPECIFICATION: MAV23-AT001/002; SUPPL P/N: 0850-R025-W/HC
59	0665541	FILTER, ELEMENT: TYPE: RETURN LINE-2; DIMENSIONS: DIA 150 X LG 300 MM; MATERIAL: AL CAST; FILTERING RETENTION: 10 U; SPECIFICATION: 0973 0 07404-1; SUPPL P/N: 0973 0 07404-1-47
60	0621114	FILTER, ELEMENT: TYPE: BREATHER; DIMENSIONS: DIA 96 X LG 148 MM; MATERIAL: MICROFIBER; FILTERING RETENTION: 10 U; SUPPL P/N: HEK45-20.135-AS-FG010
61	0665435	FILTER, ELEMENT: TYPE: HIGH PRESSURE; DIMENSIONS: DIA 20 X LG 45 MM; MATERIAL: AL CAST; FILTERING RETENTION: HYDRAULIC; SPECIFICATION: 0973 0 07404-1; SUPPL P/N: 0973 0 07404-1-22.1

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62	0665436	FILTER, ELEMENT: TYPE: HIGH PRESSURE; DIMENSIONS: DIA 25 X LG 50 MM; MATERIAL: AL CAST; FILTERING RETENTION: HYDRAULIC; SPECIFICATION: 0973 0 07404-1; SUPPL P/N: 0973 0 07404-1-23.1
63	0636699	FILTER, ELEMENT: TYPE: CHANGE OVER INLINE; DIMENSIONS: WD 114 X LG 412.9 X DP 68.1 MM; MATERIAL: SS WIRE MESH; FILTERING RETENTION: 25 U; SPECIFICATION: 0330 R 025 W/HC/K; MODEL NO: RFLDW/HC332FAL25V020.8VE.01.X/KB
64	0644792	FILTER, AIR: TYPE: AIR; DIMENSIONS: SQ 10 MM; MATERIAL: STL; MICRON: 70 U; SHAPE: SQ; SPECIFICATION: SG2000; SUPPL P/N: 0180945802; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
65	0658976	FILTER, BAG: TYPE: PJFFP; DIMENSIONS: DIA 160 X LG 8250 MM; MATERIAL: FABRIC; SHAPE: CYLINDRICAL; SUPPL P/N: PI-DT/DT-581; MATERIAL COMPOSITION: WEB POLYIMIDE AND HOMOPOLYMER; SCRIM: POLYACRYLONITRILE HOMOPOLYMER WITH SNAP RING FASTENING
66	0612909	FILTER, OIL: TYPE: HYDRAULIC; DIMENSIONS: DIA 78 X LG 138 MM; MATERIAL: AL; MICRON: 10 U; APPLICATION: GEARBOX; PRESSURE RATING: 25 BAR
67	0647247	GASKET SET: TYPE: FILTER BODY TO COVER SEALING; APPLICATION: DRP SUCTION FILTER 10LCJ20AT001; DRAWING NO: M76-EA-002 REV 0; T BASKET STRAINER AND ND250 SERIAL 150LBS BW GASKET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
68	0644794	FILTER, ELEMENT: TYPE: AIR; DIMENSIONS: DIA 10 X THK 5 MM; MATERIAL: STL; FILTERING RETENTION: 10 U; SUPPL P/N: 925105
69	0644795	FILTER, ELEMENT: TYPE: FUEL; DIMENSIONS: DIA 16 X LG 13 MM; MATERIAL: PAPER; FILTERING RETENTION: 50 U; SUPPL P/N: 31845301
70	0629763	FILTER, HYDRAULIC: TYPE: RETURN LINE; MICRON: 10 U; PRESSURE RATING: 10 BAR; MATERIAL: GLASS FIBER; APPLICATION: HYDRAULIC DRIVE SYSTEM FDR-1; SUPPL P/N: TEF.952.10VG.16.F.S
71	0665536	FILTER, ELEMENT: TYPE: HYDRAULIC; DIMENSIONS: DIA 109 MM; MATERIAL: AL CAST; FILTERING RETENTION: 0.5 U; SPECIFICATION: 0973 0 07404-1; SUPPL P/N: 0973 0 07404-1-57.1
72	0612663	FILTER, OIL: TYPE: DUPLEX; DIMENSIONS: ID 66 X OD 168 X LG 278 MM; MATERIAL: AL; MICRON: 10 U; OEM P/N: Pi 2111-56

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73	0654190	FILTER, ELEMENT: TYPE: INSERT; DIMENSIONS: DIA 90 X LG 400 MM; MATERIAL: SS WIRE MESH; FILTERING RETENTION: 45 U; REFERENCE NO: BFD50.140.420/DN50; SUPPL P/N: 1940175
74	0662566	FILTER, ELEMENT: TYPE: SUCTION LINE; DIMENSIONS: DIA 100 MM; MATERIAL: AL/FIBER; FILTERING RETENTION: 0.3 U; SPECIFICATION: TH-CD-2572-00-02; SUPPL P/N: 2572-00-02-24B
75	0583433	FILTER, AIR: TYPE: REGULATOR; DIMENSIONS: 243X118X68 MM; MATERIAL: SINTERED POLYPROPYLENE; MICRON: 40 U; MANUF P/N: 4424-50; B73G-3GK-AD3-RMN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
76	0664361	ASSEMBLY: TYPE: HYDRAULIC HIGH PRESSURE FILTER 2; APPLICATION: STACKER HYDRAULIC SYSTEM 0 1EAD40 AT002; MATERIAL: STL; SPECIFICATION: 0973 0 07404-1; SUPPL P/N: 0973 0 07404-1-23
77	0665537	FILTER, ELEMENT: TYPE: HYDRAULIC; DIMENSIONS: DIA 150 MM; MATERIAL: AL CAST; FILTERING RETENTION: 0.5 U; SPECIFICATION: 0973 0 07404-1; SUPPL P/N: 0973 0 07404-1-56.1
78	0662396	ASSEMBLY: TYPE: HIGH PRESSURE FILTER; APPLICATION: TERRACE CONVEYOR HYDRAULIC DRIVE AND CYLINDER EXTENSION SYSTEM; SUPPL P/N: 2570-00-03-04
79	0692154	FILTER, AIR: TYPE: AEROSART CARTRIDGE; DIMENSIONS: 20 IN; MATERIAL: PTFE; MICRON: 02 U; APPLICATION: GTM; OEM P/N: 5152507T2 E C; PLEASE PROVIDE THE FOLLOWING MATERIAL WITH DRAWINGS, MANUALS AND DATA SHEET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
80	0695798	FILTER, OIL: TYPE: CONTROL; DIMENSIONS: DIA 80 X LG 145 MM; MATERIAL: STAINLESS STEEL/GLASSFIBRE; MICRON: 10 U; APPLICATION: BFP VORECON; PRESSURE RATING: 32 BAR; SUPPL P/N: 206.00938910
81	0645356	FILTER, ELEMENT: TYPE: DISPOSABLE; SUPPL P/N: 909-151500
82	0645357	FILTER, ELEMENT: SUPPL P/N: 909-153500
83	0645358	FILTER, ELEMENT: SUPPL P/N: 909-164500

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84	0568166	FILTER, ELEMENT: TYPE: PRESSURE; DIMENSIONS: ID 90 X OD 90 X LG 400; MATERIAL: GLASS FIBRE; FILTERING RETENTION: 10 U; MANUF P/N: 01.E.450.10VG.30.E.P; INTERNORMAN; STACKER HPU HIGH PRESSURE IN LINE FILTER
85	0680358	FILTER, HYDRAULIC: TYPE: OIL; MICRON: 10 U; PRESSURE RATING: 30 BAR; MATERIAL: GLASS FIBRE; APPLICATION: COAL STOCK YARD DRUM RECLAIMERS; SUPPL P/N: R928006971; SERIES: 350
86	0620667	FILTER, ELEMENT: TYPE: OIL; DIMENSIONS: ID 115 X OD 330 X HT 68 MM; MATERIAL: SS WIRE MESH; FILTERING RETENTION: 25 U; SPECIFICATION: 0660R025W/HC; REFERENCE NO: E7215-1-04-15-WHC; APPLICATION: MILL LUB OIL SYSTEM; FOR USE IN MILL GEARBOX
87	0665538	FILTER, ELEMENT: TYPE: HYDRAULIC; DIMENSIONS: DIA 155 MM; MATERIAL: AL CAST; FILTERING RETENTION: 0.5 U; SPECIFICATION: 0973 0 07404-1; SUPPL P/N: 0973 0 07404-1-47.1
88	0629764	FILTER, HYDRAULIC: TYPE: BREATHER; MICRON: 55 U; PRESSURE RATING: 10 BAR; MATERIAL: PAPER; APPLICATION: HYDRAULIC DRIVE SYSTEM FDR-1; SUPPL P/N: NBF.55.3VL.III
89	0662580	SWITCH, PRESSURE: TYPE: FILTER BLOCK; RANGE: -1 TO 2.5 BAR; POTENTIAL: 125-250 V; CURRENT: 3 A; ACTION: SPDT; CONNECTION: 1/2 IN; CONTACT ARRANGEMENT: 1NO; APPLICATION: TERRACE CONVEYOR HYDRAULIC DRIVE AND CYLINDER EXTENSION SYSTEM; SPECIFICATION: TH-CD-2570-00-03; SUPPL P/N: 2570-00-03-21A
90	0643295	FILTER, FUEL: SUPPL P/N: 65.05510-5020B
91	0662549	SWITCH, PRESSURE: TYPE: FILTER BLOCK; RANGE: -1 TO 2.5 BAR; POTENTIAL: 125-250 V; CURRENT: 3 A; ACTION: SPDT; CONNECTION: 1/4 IN-NPT; CONTACT ARRANGEMENT: NO; APPLICATION: LIMESTONE HYDRAULIC FEEDER DRIVE; SPECIFICATION: TH-CD-2572-00-02; SUPPL P/N: 2572-00-02-15A
92	0647815	FILTER, ELEMENT: TYPE: UNIVERSAL; MATERIAL: PVDF; VITON GLASS; FILTERING RETENTION: 0.1 U; SUPPL P/N: 90F0016; WITH ULTRA-FINE GLASS-FIBRE FILTER ELEMENT
93	0644791	FILTER, FUEL: TYPE: DIESEL; DIMENSIONS: ID 47 X OD 65 X LG 95 MM; MATERIAL: PAPER; MICRON: 50 U; SUPPL P/N: X00042421

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94	0666243	FILTER, AIR: TYPE: VENT; DIMENSIONS: WD 10 MM; MATERIAL: SYNTHETIC FIBRE; APPLICATION: CEP VSD DOOR FILTERS (TRANSFORMER SECTION; VSD SERIAL NO: 3BHB90500017); SHAPE: RECTANGULAR; SUPPL P/N: 3BHB021419R0304; THE SET INCLUDES FOLLOWING ITEMS: R0341 1834X674; R0342 1839X700; R0343 1258X674; 12.08.2013/GI; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
95	0662611	FILTER, AIR: TYPE: AIR CONDITIONING; DIMENSIONS: SQ 592 X THK 305 MM; MATERIAL: SYNTHETIC FIBER; MICRON: 10 U; APPLICATION: VENTILATION SYSTEM; SHAPE: SQUARE; CLASSIFICATION TYPE: EN779-G4; DRIPACK 25; FRAME MATERIAL: GS; MAX OPERATION TEMP: 66 DEG C; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
96	0613151	FILTER, OIL: TYPE: DUPLEX; DIMENSIONS: ID 72 X OD 140 X LG 248 MM; MATERIAL: SS MESH; MICRON: 10 U; APPLICATION: OIL SEAL; PRESSURE RATING: 40 BAR; OEM P/N: 40FLD0060G10-A00-00X0.8-NOVOAZ-SO
97	0583354	VENTILATOR: TYPE: FAN/FILTER UNIT; DIMENSIONS: 323 X 12.5 MM; CAPACITY: 22.05 DM3; MANUF P/N: SK3327.107; 700-720 M3/H; 230V; PANEL; RAL7035; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
99	0615063	FILTER, OIL: TYPE: HYDRAULIC; DIMENSIONS: DIA 78 X LG 138 MM; MATERIAL: CELLULOSE/GLASS FIBER; MICRON: 10 U; APPLICATION: GEARBOX; PRESSURE RATING: 25 BAR; REFERENCE NO: 256-7373020; 3/4" 16UNF THREAD
100	0666244	FILTER, AIR: TYPE: VENT; DIMENSIONS: WD 10 X LG 55 MM; MATERIAL: SYNTHETIC FIBRE; APPLICATION: CEP VSD DOOR FILTERS (TRANSFORMER SECTION; VSD SERIAL NO: 3BHB90500017); SHAPE: RECTANGULAR; SUPPL P/N: 3BHB021419R3500; CONVERTER SET INCLUDES FOLLOWING ITEMS: R3501 230X738; R3502 1839X648; R3503 1839X698; R3504 1839X277; 12.08.2013/GI; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
101	0665701	FILTER: TYPE: Y; DIMENSIONS: LG 1 IN; MATERIAL: STL; MICRON: 500 U; MEDIUM: WATER; SPECIFICATION: Y222P; SUPPL P/N: 149B-5161; DRAWINGS; DATASHEET AND MANUALS REQUIRED ON EVERY DELIVERY
102	0621518	FILTER, ELECTRONIC: TYPE: SURGE PROTECTION; POTENTIAL: 230 VAC; SPECIFICATION: SFP1-20; SUPPL P/N: V1002870

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103	0645227	FILTER, ELEMENT: SPECIFICATION: MPF100-2-AG3/P10NB/MF100-2-P10NB; OEM P/N: HTGD481154P0010, OEM: GE STEAM POWER SERVICE; DRAWING NO: 032-139/CPL. REV 0
104	0643296	FILTER, AIR: SUPPL P/N: 65.08304-6005; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
105	0612103	FILTER, OIL: TYPE: COALESCER CARTRIDGE; DIMENSIONS: DIA 152 MM X LG 1.1 M; MATERIAL: MESH VELVET; MICRON: 20 U; APPLICATION: TURBINE CENTER LINE/AUXILIARIES; PRESSURE RATING: 75 PSI; SUPPL P/N: CAA43-5; PURIFYING; OPERATION TEMPERATURE: 115DEG C; SPECIFICATION: EI 1581; FIFTH EDITION; CATEGORY C
106	0623758	KIT: TYPE: FILTER SEALS; APPLICATION: DUPLEX FILTER UNIT PI3708-12; COMPRISING: EPDM 830.504.7; FPM 830.505.4; NBR 830.506.2
107	0613150	FILTER, AIR: TYPE: FINE; DIMENSIONS: DIA 150 X LG 610 MM; MATERIAL: GLASS FIBER; MICRON: 1 U; APPLICATION: AIR CONDITIONING; SHAPE: SQ; OEM P/N: 3CPM24246-90; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
108	0024799	FILTER, AIR: TYPE: INLINE; DIMENSIONS: HT 195 MM; MATERIAL: GLASS; REFERENCE NO: F602-4; PORT SIZE 1/2 INCHVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
109	0637618	FILTER, ELEMENT: TYPE: CARTRIDGE; DIMENSIONS: DIA 6 X LG 60 IN; MATERIAL: POLYPROPYLENE; FILTERING RETENTION: 5 U; SPECIFICATION: MPP2/5/60; REFERENCE NO: 2522M-D10-00-00-01/2
110	0640217	FILTER, AIR: TYPE: POCKET; DIMENSIONS: LG 600 X HT 600 X DP 650 MM; MATERIAL: COTTON POLYESTER; MICRON: 3-10 U; APPLICATION: SILO BLOWER ROOM; EFFICIENCY: 30-35 PCT; REFERENCE NO: 0 7 8ETP10/20 AT001; SUPPL P/N: VILEDON F50; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
111	0621113	FILTER, HYDRAULIC: TYPE: OIL; MICRON: 10 U; PRESSURE RATING: 170 KPA; MATERIAL: GLASS FIBER MICRO; APPLICATION: HYDRAULIC DRIVE SSC OIL RETURN LINE; SUPPL P/N: HEK0S20.122-AS-FG010; DIMENSIONS: ID 28.8 X OD 70 X LG 145.3 MM

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114	0574030	FILTER, ELEMENT: TYPE: BREATHER; DIMENSIONS: DIA 70MM X HT 35MM; MATERIAL: MICROFIBER; FILTERING RETENTION: 10 U; MANUF P/N: HB70-A-8; OIL TANK FILLER CAP
115	0640209	FILTER, AIR: TYPE: INLET; DIMENSIONS: DIA 400 X LG 350 MM; MATERIAL: POLYESTER MESH REINFORCED; MICRON: 10 U; APPLICATION: AEROSLIDE AERATION FAN; SHAPE: CIRCULAR; REFERENCE NO: 1-6 ETP10 AN001-AN002; SERIES 7; PRE FILTER; DUST PARTICLES LARGER THAN 10 MICRON; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
116	0662398	FILTER, ELEMENT: TYPE: HIGH PRESSURE; DIMENSIONS: SQ 60 X LG 30 MM; MATERIAL: STL; FILTERING RETENTION: 0.1 U; SUPPL P/N: 2570-00-03-04-B
117	0659112	FILTER, AIR: TYPE: SINTERED; DIMENSIONS: DIA 55 MM; MATERIAL: ZINC DIE-CASTING; MICRON: 40 U; APPLICATION: PJFFP; REFERENCE NO: LF-1/2-D-MIDI; SUPPL P/N: 153578; WITH CENTRIFUGAL SEPERATOR; WITH METAL BOWL GUARD; PNEUMATIC CONNECTION: PORT 1 AND 2 G1/2; STANDARD: ISO 8573-1:2010 (7:8:4); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
118	0576700	FILTER, ELECTRONIC: TYPE: TWO STAGE GENERAL PERFORMANCE EMI; POTENTIAL: 250VAC; 50/60HZ; FREQUENCY: 0-400 HZ; SPECIFICATION: UL 1283; CSA 22.2 NO.8 1986; IEC/EN 60939; CURRENT: 1 TO 20A AT 40 DEG C; OEM P/N: FN660-16/03, OEM: GE STEAM POWER SERVICE; 1 PHASE; HIGH DIFFERENTIAL AND COMMON MODE ATTENUATION; TEMPERATURE RANGE: -25 TO 100 DEG C
119	0639696	FILTER, AIR: TYPE: ELEMENT; DIMENSIONS: WD 595 X LG 786 MM; MATERIAL: FIBER SYNTHETIC; MICRON: 10 U; APPLICATION: MILL SEAL AIR FAN FILTER; EFFICIENCY: 90 PCT; SHAPE: RECTANGULAR; SUPPL P/N: FL220; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
120	0635434	FILTER, ELEMENT: TYPE: BREATHER; DIMENSIONS: DIA 98 X LG 145 MM; MATERIAL: GLASS FIBER MICRO; FILTERING RETENTION: 10 U; SPECIFICATION: HF650-20.180-AS-FG010; SUPPL P/N: HHC02727-FG010; APPLICATION: TANK FILLER CAP; SPIN ON TYPE; 3/4 CONNECTION; MUST PASS ISO4572 TEST
121	0574046	FILTER, ELEMENT: TYPE: HYDRAULIC; DIMENSIONS: ID X OD 95 X LG 180 MM; MATERIAL: GLASS FIBER MICRO; FILTERING RETENTION: 10 U; MANUF P/N: HEK50-20.180-FG010-B; FOR IKRON HF650-20.180 FILTER; BUNA SEAL

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122	0636235	CAGE: TYPE: BAG FILTER INSERT; WIDTH: 25 MM; LENGTH: 1.485 M; HEIGHT: 485 MM; MATERIAL: MS; SPECIFICATION: SANS 1431 GR 240WA; DLM V30/15K7 AD
123	0574036	FILTER, ELEMENT: TYPE: AIR; DIMENSIONS: OD 98 X LG 145 MM; MATERIAL: RESIN TREATED MICRO PAPER; FILTERING RETENTION: 10 U; MANUF P/N: CS05AN; TYPE SPIN ON; 3/4 INCH CONNECTION
124	0574029	FILTER, ELEMENT: TYPE: HYDRAULIC; DIMENSIONS: ID 25.5MM X OD 46.5MM X LG 87MM; MATERIAL: GLASS FIBER MICRO; FILTERING RETENTION: 25 U; MANUF P/N: HFK85-20.80-AS-FG025-LC-B; FOR IKRON HF760-20.080 FILTER
125	0616630	FILTER, ELEMENT: TYPE: AIR BREATHER; DIMENSIONS: ID 81 X OD 117.5 X LG 100 MM; MATERIAL: PAPER; FILTERING RETENTION: 3 U; CONNECTION DIA: 73
126	0612612	FILTER, OIL: TYPE: INLINE; DIMENSIONS: ID 68.2 X OD 75 X LG 182 MM; MATERIAL: ALUMINIUM; MICRON: 6; REFERENCE NO: FLND BN/HC 160DDF 10 C 1.2/-Z-A2
127	0644882	FAN, ELECTRIC: TYPE: FILTER; SIZE: SQ 152 X THK 89 MM; POTENTIAL: 220 VDC 22 W; CURRENT: 0.4 A; VOLUME RATING: 67 M3/HR; DIRECTION: BLOWING; SUPPL P/N: GHV1500220
128	0650121	FILTER, BAG: TYPE: DISPOSABLE; DIMENSIONS: SQ 600 X HT 50 MM; MATERIAL: MEDIA SYNTHETIC NON WOVEN; APPLICATION: AIR HANDLING UNIT; PRIMARY AIR FILTERS; WASHABLE AAP-DUPLEX PANEL FILTER; 3400M3/H; 50 RESISTANCE-PA 250; 232G DUST HOLDING CAPACITY
129	0636225	FILTER, BAG: TYPE: INSERTABLE; DIMENSIONS: DIA 500 MM X LG 1.5 M; MATERIAL: PTFE; MICRON: 1 U; APPLICATION: LIMESTONE DAY BIN SILO DE-DUSTING; SHAPE: RECTANGULAR; SUPPL P/N: DLM V30/15K7-AD
130	0662653	BREATHER: TYPE: FILTER; MATERIAL: AL/GLASS; DIMENSIONS: DIA 320 MM; CONNECTION: BSP; SPECIFICATION: TH-CD-2599-00-00; SUPPL P/N: 2599-00-00-12; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).

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131	0639697	FILTER, AIR: TYPE: ELEMENT; DIMENSIONS: WD 20 MM; MATERIAL: PAPER; MICRON: 10 U; APPLICATION: MILL HYDRAULIC OIL TANK/BREATHER; EFFICIENCY: HIGH; SHAPE: ANNULAR; SUPPL P/N: 0007-L010P; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
132	0612107	FILTER, AIR: TYPE: SUCTION; DIMENSIONS: ID 180 X OD 292 X LG 145 MM; MATERIAL: MESH VELVET; MICRON: 35 U; APPLICATION: TURBINE CENTER LINE/AUXILIARIES; EFFICIENCY: HIGH; SHAPE: CYLINDRICAL; SUPPL P/N: FA5528.2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
133	0151209	FILTER, BAG: TYPE: DISPOSABLE; DIMENSIONS: SQ 600 X HT 600 MM; MATERIAL: MEDIA SYNTHETIC NON WOVEN; APPLICATION: AIR HANDLING UNIT; SPECIFICATION: SABS 1424-1987; 5 TO 8 POCKETS, GLASS FIBER MEDIA; MINIMUM INITIAL DUST SPOT EFFICIENCY 90PCT; MINIMUM INITIAL ARRESTANCE 90PCT; FILTER VELOCITY: 2.5M/S; AIR FLOW RATE: 0.944M3/S; MERV: 11; DUST HOLDING CAPACITY: 310G; NOTE: ALL TENDER DOCUMENTATION MUST BE ACCOMPANIED BY A SABS PERFORMANCE TEST REPORT; TEST METHOD OR APPLICABLE TO EFFECT ADEQUATE TECHNICAL EVALUATION ONLY ORIGINAL REPORTS OR CERTIFIED COPIES ARE ACCEPTABLE, ALL FILTERS WILL BE QUALITY CHECKED BY THE USER ON RECEIPT, ESKOM RESERVES THE RIGHT TO SEND ANY FILTER,SELECTED AT RANDOM, FOR SABS TESTING AS DETAILED ABOVE, SHOULD A VARIANCE OF MORE THAN 5PCT BE CONFIRMED THE SUPPLIER WILL BE HELD RESPONSIBLE FOR ANY VARIATIONS
134	0659101	CARTRIDGE: TYPE: FILTER; MATERIAL: PE; APPLICATION: ASH HANDLING PLANT PJFFP; REFERENCE NO: LFP-MIDI-40M; SUPPL P/N: 363667; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
135	0655541	FILTER, HYDRAULIC: TYPE: CHANGE OVER VALVE; MICRON: 10 U; PRESSURE RATING: 10 BAR; MATERIAL: GLASS FIBER; APPLICATION: MILLING; SUPPL P/N: RFD240/10U/R010BN4HC/-B6; DIA 60MM
136	0621517	FILTER, ELECTRONIC: TYPE: MAINS; POTENTIAL: 250 VAC; CURRENT: 10 A; SUPPL P/N: V1000790

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137	0634491	FILTER, BAG: TYPE: FABRIC; DIMENSIONS: ID 150 MM X LG 4.6 M; MATERIAL: POLYESTER FIBER; MICRON: 0.05-1 U; APPLICATION: FLY ASH DUST EXTRACTION; SHAPE: CYLINDRICAL; SPECIFICATION: DIN 53887; SUPPL P/N: CROSTEX-CP007; APPLICATION: SILO 1-6; SCRIM SUPPORTED NEEDLE FELT; 550G/M; 1.75 MM THICKNESS; 40 LPMIN AIR PERMEABILITY; SHRINKAGE AT 220DEG FOR 2HRS IS MAX 3PCT; ELONGATION AT BREAK IS 40PCT WARP; TENSILE STRENGTH 21 KG/M3 MULLEN BURST STRENGTH IS 26
138	0612106	FILTER, HYDRAULIC: TYPE: OIL; MICRON: 10 U; PRESSURE RATING: 21 BAR; MATERIAL: MICROGLASS; APPLICATION: TURBINE CENTER LINE/AUXILIARIES; SUPPL P/N: HP0651A10ANP01; STRUCTURE: CARTRIDGE; CERTIFICATION: ISO9001
140	0617760	FILTER, BAG: TYPE: PULSE JET; DIMENSIONS: DIA 140 MM X LG 5 M; MATERIAL: POLYESTER NEEDLE FELT ANTI STATIC; APPLICATION: DUST EXTRACTION SYSTEM; SHAPE: CYLINDRICAL; SUPPL P/N: EB0002-SIM-FB-ASP-5000; FOR USE ON TH8 AND 9; UNIT 1-6 T3A-F

Non-negotiable tender Returnable

The following returnable are non-negotiable:

- Signed Annexure B
- OHS plan / OHS manual
- Baseline SHE risk assessment
- Valid letter of good standing or equivalent
- SHE policy (must be signed)
- Signed 37 (2) agreement

3.2 LEGAL COMPLIANCE

3.2.1 Section 37(2) (Legal) Agreement

A section 37(2) agreement must be signed between Eskom and the principal contractor at the time of awarding the contract. The principal contractor must ensure that a section 37(2) agreement is compiled between the principal contractor and all their appointed contractors for the contract.


The original copy of the section 37(2) agreement must be retained by the contractor and a copy retained by the responsible manager.

A copy all the agreements must form part of the respective contractor's SHE files.

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3.2.2 Hazardous Work by Children (Child Labour)

The constitution of the Republic of South Africa, in the “Bill of Rights” is clear on the rights of children, especially when it comes to:

1. being protected from exploitative labour practices.
2. not to be required or permitted to perform work or provide services that
 - i. are inappropriate for a person of that child’s age; or
 - ii. place at risk the child’s well-being, education, physical or mental health or spiritual, moral or social development.

and the Basic Conditions of Employment Act, Chapter six Section 43 “Prohibition of employment of children”.

Before resorting to the use of child labour, due consideration must be given to the rights of the child in terms of the constitution. Where work is being performed which is not prohibited in terms of the constitution, then such work must be conducted in terms of the OHS Act “Regulations on Hazardous Work by Children in South Africa” with emphasis on paragraph 2 Purpose and Interpretation. Eskom does not condone the use of child labour and therefore all effort must be exercised, and child labour should not be used.

3.2.3 OHS Act

The principal contractor and appointed contractors shall have an up-to-date copy of the OHS Act and regulations which will be available to all employees.

3.2.4 Legislative Compliance

All contractors will comply with all the legislation pertaining to this contract being:

- The Constitution of the Republic of South Africa (particularly Section 24 of the Bill of Rights).
- Occupational Health and Safety Act 1993 (Act 85 of 1993) and its Regulations.
- Compensation for Occupational Injuries and Diseases Act.

3.3 Kusile Power Station requirements


All contractors shall, before commencement of the charter ensure that all their employees are familiar with the relevant Eskom SHE documentation that is applicable to supply and delivery services.

- The contractor must submit a SHE Plan in line with the scope of work
- Company own organogram
- Relevant legal appointments
- Inspection reports/records of the vehicle used to transport goods
- Driver competencies to operate the vehicle
- Methodology/work instruction for off-loading goods
- Route risk assessment

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- Where the off-loading is done by the goods operator a task risk assessment must be conducted and authorised by the end user/receiver of the goods
- Baseline risk assessment addressing all associated activities as per issued scope of work
- Valid medical certificates of fitness
- Valid letter of good standing
- All drivers must be competent risk assessors
- The contractor to provide a list of drivers to do deliveries
- All drivers must have First aid level 1
- Proof of company own induction
- Proof that vehicles meet legal requirements

3.3.1 Appointment of a Contractor

The appointed contractor will be appointed by Eskom Kusile Power Station on the awarding of the contract and will be responsible and accountable for all legislative and Eskom requirements for the duration of the contract.

3.3.2 Appointment of sub-contractors

The appointed contractor may appoint sub-contractors to assist in the contract. All appointments shall be done in writing and will form part of the SHE plans that is required to be submitted to Eskom. Adequate training and instruction must be given to the appointees and the principal contractor must ensure that all the appointed contractors understand their roles and responsibilities.

Note: Copies of contractor appointments must be kept in the respective SHE files.

3.3.3 SHE Policy

A SHE policy is a statement of intent and a commitment by the organisation's CE and senior management in relation to the relevant SHE roles and responsibilities, the achievement of their strategic objectives, values of integrity, customer satisfaction, excellence, and innovation.

The principal contractor and all appointed contractors, if already not in place, will be required to compile an organisational SHE policy in line with their SHE responsibilities. The policy must be signed by the organisation's CE or the appointed assistant to the CE OHS Act Section 16(2). The policy must be displayed in a prominent place within the workplace. A copy of the policy must be filed in all the contract SHE files and as an annexure the SHE Plans


3.3.4 COID

The principal contractor and all his/her appointed contractors shall be registered with an appropriate employment compensation commissioner and have available a valid letter of good standing (LoGS) from such commissioner. The obligation lies with the contractors to ensure

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that the LoGS remains valid throughout the contract period. A copy of the LoGS must be filed in the entire contract SHE files and as an annexure the SHE Plans.

3.4 PERSONNEL HEALTH / HYGIENE FACILITIES

N/A

3.4.1 Ablution facilities

N.A

3.4.2 Drinking Water

n/a

3.4.3 Changing areas and Lockers

N/A

3.4.4 Camp / Office Welfare

N.A

3.5 FOOD HANDLING HYGIENE

N/A

3.6 OCCUPATIONAL HEALTH, HYGIENE AND REHABILITATION,

All contractors are required to develop an Occupational Health, Hygiene and Rehabilitation program. The program is intended to ensure that the risks to health are identified and controlled.

3.6.1 Medicals


Note: Eskom will only accept medical surveillances conducted by an Occupational Health Practitioner who holds a qualification in occupational health.

1. Principle contractors must ensure that their and their appointed contractors have a medical surveillance program whereby their employees under go entry, periodic and exit medical fitness examinations.
2. For the appropriate medical examinations to be conducted, each employee must have a person job specification (profile), which must indicate the description of work, list of hazards and potential occupational exposure limits, physical hazards and required physical attributes.
3. For employees working on the contract, medical fitness certificates shall be renewed annually for employees who are not office bound including drivers and once every 3

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years for employees that are office bound. This shall be maintained until completion of the contract.

4. The Principal Contractor must ensure that his / her employees and sub-contractor employees have undergone pre-entry medical examination before starting work on the contract, should it be for longer than three (3) days.
5. The principal contractor shall provide a documented process for managing those employees who are issued with a conditional certificate of fitness.

3.6.2 Health and wellness HIV / Aids

Contractors shall submit details of their Employee Health and Wellness Programme as part of their Health and Safety Plan which should include awareness training, support for contracted illness and sharing knowledge with members of the public in the immediate work environment

3.7 APPOINTMENTS

For the duration of the contract, the principal contractor and all appointed contractors shall appoint competent employees who will meet the requirements of the OHS Act. Where appointments are made, contractors shall ensure that the appointees have been suitably trained and or informed of their responsibilities before getting them to accept such appointment. The relevant statutory appointments shall be made in accordance with the requirements of the OHS Act which includes the requirement of a competent person being appointed in the relevant roles. The statutory appointments should include but not limited to: Fire Fighter and Evacuation warden, First Aider, 16(2) appointments.

3.8 ROLES AND RESPONSIBILITIES

All contractors are required to list employee's roles and responsibilities pertaining to the contract.

3.9 RISK ASSESSMENTS


It is a legal requirement in terms of Section 8 (2)(d) of the OHS Act for an employer to carry out risk assessments to establish what hazards to the health and safety or persons are attached to any work which is performed, any article or substance which is, handled, stored, transported. A risk assessment is defined as an identification of the hazards present in an organisation and an estimate of the extent of the risks involved, considering whatever precautions are already being taken. It is essentially a three-stage process:

- identification of all hazards.
- evaluation of the risks.
- measures to control the risks.

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Risk assessments are required to be maintained. This means that significant changes to a process or activity, or any new process or activity should be subjected to a risk assessment and that if new hazards come to light during the work process, then these should also be subjected to risk assessments. Risk assessments for long term processes should be periodically reviewed and updated. Method statements or written safe work procedures are an effective method as information and record of the way jobs / tasks must be performed. Prior to start of work, risk assessments on every job / task are ideal to allow managers and employees to assess any inherent risks that could have been overlooked during the initial risk assessment or any changes that might have occurred in a period of absence. In particular, if a job / task is extended over a day or halted due to inclement weather.

3.10 INCIDENT INVESTIGATION

All incidents shall be investigated in terms of OHS Act General Administrative Regulations 8 and 9, using Eskom Procedure 32-95 as a reference, and where injuries as contemplated in sections 24 and 25 have been sustained, be reported to the Department of Labour.

Contractors shall use the standard General Administrative Regulation Annexure 1 "Recording of an Incident" form for all incident investigation reports. The objective of incident investigation, not only being a legal requirement, is to establish why and how the incident occurred, but to find out the real causes of the incident and to decide on precautionary measures that are required to address the causes to prevent any further recurrences of the same or similar incidents.

3.11 EMERGENCY MANAGEMENT

1. The art of emergency preparedness and response is to minimise the effects of any emergency and to restore normal activities as soon as practical. The supplier must develop their own emergency response in their work premises. The Eskom employees attending training must be made aware of the emergency process and the assembly points. Where any office and or site is located within any Local Authorities area, then the plans must include their involvement. Emergency preparedness

Periodic emergency drills must be undertaken to test the effectiveness of the plan. This must be recorded and provided on request.


3.11.1 Non-Conformance and Compliance

1. Any non-compliance to any health and safety requirement in this SHE specification is subject to discipline in terms of the Eskom Procurement and Supply Management Procedure.
2. Principal contractors are required to implement a non-conformance procedure (if not already in place) for issuing to contractors for transgressions. The procedure can include "quality" related non-conformance issues. Similarly, appointed contractors must implement a non-conformance procedure.
3. The procedure for the issuing and closing off non-conformance reports shall be strictly adhered to.

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4. Contract management must close out non-conformances issued, in not doing so, will not ensure that any recommendations made have been carried out and or implemented.
5. Where non-conformances are issued by Eskom, then one of the close-out steps of the procedure will be for the offender to be called on by the contractor responsible manager to explain the non-conformance issued and what they intend doing to prevent a recurrence of the non-conformance.
6. Contractor failure to provide adequate PPE to their employees for the tasks being performed and/or to visitors and failure to enforce the wearing of such PPE will be viewed as a transgression of the legislative and Eskom requirements.

3.11.2 QUALITY REQUIREMENTS

To ensure compliance to Quality Management System requirements, the following requirements shall be adhered to:

1. 240-109253698 CQP to be completed
2. 240-12248652 Category 2- List of tender returnable
3. 240-109253302 Quality Control Plan / Inspection and Test Plan (QCP/ITP)
4. QM 58_240-105658000 Supplier Quality Management Specifications
5. 240-68099512 Form A: The tenderer must complete and sign this form to acknowledge and accept Eskom Supplier Quality Requirements as per QM 58 Specification and ISO 9001 Standard

3.11.3 ENVIRONMENTAL REQUIREMENTS

- All the contractor and contract manager are responsible for all spillages that may be caused by their vehicles on site
- The contractor must comply with Kusile waste disposal procedure and environmental requirements.


4. AUTHORIZATION

Nil

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5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2022	1	M Molefi T Tsatsi	This provides the initial SHE specification requirements that must be met by the relevant contractors who have been awarded a contract for the work to be performed for Eskom.

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