

Medupi Power Station Supply of Spares –Fuses

Unique Identifier: 241-2022608

Revision: 1

Page: 1 of 22

	SCOPE OF WORK	Medupi Power Station GX
---	----------------------	------------------------------------

Title: **Medupi Power Station Supply of
Spares – Fuses**

Document Identifier: 241-2022608

Alternative Reference
Number:Area of Applicability: **Medupi Power Station**Functional Area: **Materials Management**

Revision: 1

Total Pages: 22

Next Review Date: N/A

Disclosure Classification: **Controlled Disclosure**

Compiled by

Supported by

Functional
Responsibility

Authorized by

Chlene Boshomane
Assistance Material
Requirements PlannerPrince Twala
Senior Supervisor
Tech Electrical
MaintenanceLebo Pebane
Materials
Management
ManagerM Mokgala
Procurement and
Supply Management
Manager

Date:

05/12/2023

Date:

05/12/2023

Date:

06/12/2023

Date:

06/12/2023

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Content**Page**

1. Introduction	3
2. Supporting Clauses	3
2.1 Scope.....	3
2.1.1 Purpose.....	3
2.1.2 Applicability	3
2.1.3 Effective date	3
2.2 Normative/Informative References	3
2.2.1 Normative.....	3
2.2.2 Informative	4
2.3 Definitions	4
2.4 Abbreviations	4
2.5 Roles and Responsibilities	4
2.6 Process for Monitoring	4
2.7 Related/Supporting Documents.....	4
3. Scope of Work.....	5
3.1 Supply of Spares	5
4. Acceptance	7
5. Revisions.....	7
6. Development Team	7
7. Appendix A: List of Spares with Material Description	8

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd,
Reg No 2002/015527/30.

1. Introduction

Medupi Power Station intend to establish long term contracts for the supply and delivery of the station critical, strategic and operational spares. For plant to operate efficiently and effectively, maintenance must be performed as per maintenance strategy. To achieve the objectives as set out in the Power station maintenance plans, correct fuse spares are necessary for proper execution.

This work specification is developed for the supply and delivery of fuses at Medupi power station on an as and when required basis. This specification is intended to ensure the availability and reliability of the contractor to supply fuses with the correct technical specification to Medupi power station.

2. Supporting Clauses

2.1 Scope

The scope of work (SOW) specifies the required fuses spares to be supplied by the potential supplier on an as and when required basis and conditions for acceptance.

2.1.1 Purpose

The purpose of this document is to provide the SOW and technical information for the purchase of fuse spares and ensure that all maintenance spares, which Medupi power station is buying are correct.

2.1.2 Applicability

This document shall apply to requirements for the Supply of a specific spare for the Medupi Fuses.

2.1.3 Effective date

The document will be effective from the date of authorisation.

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) ESKOM SHEQ Policy 32-727
- 2) Life Saving-Rules – 240-62196227 Medupi Power Station - SHE File Evaluation Checklist - 240-97661287

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

2.2.2 Informative

N/A

2.3 Definitions

Definition	Explanation
Contractor	Service provider contracted for supply of spares and various services on the machines
Employer	Eskom Medupi Power Station

2.4 Abbreviations

Abbreviation	Explanation
SHE	Safety Health and Environmental
SHEQ	Safety Health Environmental and Quality

2.5 Roles and Responsibilities

Contractor

- To supply and deliver Fuses spares to Medupi power station according to the specifications and technical requirements on this document.
- The contractor shall submit all technical documentations as requested per the contract.

Employer

- Submit compiled scope of work with technical specification to the supplier.
- Purchase orders will be released from the contract to the contractor for the required spares.
- Perform quality control of all fuse spares on delivery at the employer's premises.
- Ensuring that the goods are provided as per the SOW and managing the contract.

2.6 Process for Monitoring

N/A

2.7 Related/Supporting Documents

N/A

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

3. Scope of Work

This work specification is developed for the supply and delivery of fuses at Medupi power station on an as and when required basis. This specification is intended to ensure the availability and reliability of the contractor to supply fuse with the correct technical specification to Medupi power station.

3.1 Supply of Spares

The scope of this contract also includes the supply of spares as follow:

1. **Description of Item:**

See Appendix A : List of Spares with material description.

2. **Contract Period:** 5 Years (60 months).

3. **Employer anticipates Quantity of:** Find appendix A list of spares

The estimated quantities the Employer anticipates will be required for the duration of this contract. This value will be used with other estimates to determine the overall contract value. It should be noted that this is just an estimate and it does not mean that the Employer will definitely consume the spares in the duration of the contract. These quantities are therefore not fixed, and the Contractor will only supply spares when instructed by a purchase order, from the Employer, to do so.

4. The spares and components will be supplied to the "goods received" section of the Medupi main store where it will be received by the material management section. The spares will be delivered with all of the required data books and certificates, where required.

Medupi Stores Working Times:	Monday – Thursdays:	07h00 – 16h00
	Fridays:	07H00 – 12h00

5. Only once the spares have passed the Quality control checks and are booked into the system can payment be effected.
6. The Spares has to be the same in all respects when compared to the original equipment, supplied to Eskom by OEM under contract. This includes all aspects such as design, materials and material specifications, manufacturing, including manufacturing processes and acceptance testing. Where spares offered deviate from the original in any respect, it should be indicated to the *Employer*.

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

7. It is the *Contractor's* responsibility to ensure that correct spares are delivered. If the incorrect spares are delivered, the spares will have to be replaced with the correct spares at the *Contractor* cost. This includes transport and delivery.
8. The Delivery and Transport Costs (including off-loading items) must be included in the quotation.

The following packaging requirements should be adhered to:

- a) The Goods are to be packaged in such a manner that it can be transported and stored for an extended period of time without resulting in damage to the goods.
- b) This includes damage due to moisture ingress, corrosion, vibration from the power station etc.
- c) Where lifting gear is utilised to move the goods, the packaging should allow the lifting operation and ensure that the goods are not damaged in any way during the process.
- d) It will also not be necessary to open packaging for any lifting or transport operation.
- e) Where eye bolts are fitted to move the goods, these eye bolts should be fitted such a way that they can be easily removed and replaced with the Purchaser's eye bolts, ensuring that the packaging stays intact.
- f) The different spares types are to be packaged separately in such a way that each type can be stored separately.
- g) Packaging and labelling of spares should ensure that the spare can be identified without opening the packaging.
- h) Where possible the packaging should ensure that parts can be positively identified through the packaging. Where this is not possible the packaging should allow opening and closing of the packaging and still maintain the packaging integrity afterwards.
- i) Delivery packaging to have the following detail on it as a minimum (removable adhesive sticker if possible):
 - Order number,
 - A short description of component
 - The stock number
 - Manufacturing date, where possible

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

4. Acceptance

This document has been seen and accepted by

Name	Designation
Prince Twala	Senior Supervisor Tech Electrical
Portia Lutumbu	Manager Maintenance

5. Revisions

Date	Rev.	Compiler	Remarks
September 2023	1	C Boshomane	First revision

6. Development Team

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

Name	Designation
Prince Twala	Senior Supervisor Tech Electrical
Chuene Boshomane	Assistant MRP

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

7. Appendix A: List of Spares with Material Description

Material Number	Equipment Short description	Full Description	Unit of Measure	Quantity	Lab code
574418	FUSE:SPE-10-10210;GLASS;0.5 A;250 V	FUSE:GLASS;0.5 A;250 V;DIA 5 X LG 20 MM FUSE: TYPE: GLASS; CURRENT: 0.5 A; POTENTIAL: 250 V; DIMENSIONS: DIA 5 X LG 20 MM; REFERENCE NO: 1010210	EA	30	C&I
574406	FUSE:SPE-1051016/1/10;GLASS;1 A;250 V	FUSE:GLASS;1 A;250 V;DIA 5 X LG 20 MM FUSE: TYPE: GLASS; CURRENT: 1 A; POTENTIAL: 250 V; DIMENSIONS: DIA 5 X LG 20 MM; MANUF P/N: SPE-1051016/1/10	EA	45	C&I
635111	FUSE:CARTRIDGE;80 A;CERAMIC;690 V;BOLTED	FUSE:CARTRIDGE;80 A;CERAMIC;690 V;BOLTED FUSE: TYPE: CARTRIDGE; CURRENT: 80 A; MATERIAL: CERAMIC; POTENTIAL: 690 V; CONNECTION: BOLTED; DIMENSIONS: DIA 17.5 X LG 75.45 MM; SPECIFICATION: BS 88-4: 4 FUSES, SIZE /DIMENSION DIAMETER 17.5MM X LENGTH 75.45MM, RATED VOLTAGE: 690VAC, CURRENT 80A, MOUNTING TYPE: BOLT MOUNT, SERIES 80FE	EA	75	COA
583346	FUSE CARTD:100 A;500 V;BLADE;120 KA	FUSE CARTD:100 A;500 V;BLADE;120 KA FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE; DIMENSIONS: DIA 21 X LG 79 MM; INTERRUPT CAPACITY: 120 KA; SPECIFICATION: 100NHG000; MANUF P/N: 403011	EA	30	COL
583344	FUSE CARTD:16 A;415 V;CLIP IN;80 KA	FUSE CARTD:16 A;415 V;CLIP IN;80 KA FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 V; CONNECTION TYPE: CLIP IN; DIMENSIONS: DIA 13.8 X LG 58.5 MM; INTERRUPT CAPACITY: 80 KA; SPECIFICATION: NS16; MANUF P/N: 401235	EA	30	COL
583342	FUSE CARTD:16 A;550 V;BOLT IN;80 KA	FUSE CARTD:16 A;550 V;BOLT IN;80 KA FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 550 V; CONNECTION TYPE: BOLT IN; DIMENSIONS: DIA 13.8 X LG 55 MM; INTERRUPT CAPACITY: 80 KA; SPECIFICATION: NIT26A; MANUF P/N: 401226	EA	150	COL
583343	FUSE CARTD:2 A;550 V;BOLT IN;80 KA	FUSE CARTD:2 A;550 V;BOLT IN;80 KA FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 550 V; CONNECTION TYPE: BOLT IN; DIMENSIONS: DIA 13.8 X LG 55 MM; INTERRUPT CAPACITY: 80 KA; SPECIFICATION: NIT2A; MANUF P/N: 401230	EA	150	COL

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 9 of 22

625775	FUSE CARTD:2 A;550 V;HRC BOLT DOWN	FUSE CARTD:2 A;550 V;HRC BOLT DOWN FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 550 V; CONNECTION TYPE: HRC BOLT DOWN; DIMENSIONS: DIA 13.7 X LG 85 MM; TYPE: CATRIDGE BLADE FUSE; CASE MATERIAL: CERAMIC; SPECIFICATION: AAO2; REFERENCE NO: AAO2; SUPPL P/N: AA02	EA	90	COL
625894	FUSE CARTD:2 A;550 V;OFFSET BLADE TAGS	FUSE CARTD:2 A;550 V;OFFSET BLADE TAGS FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 550 V; CONNECTION TYPE: OFFSET BLADE TAGS; DIMENSIONS: DIA 13.8 X LG 58.7 MM; INTERRUPT CAPACITY: 80 KA; TYPE: HRC; CASE MATERIAL: CERAMIC; SPECIFICATION: NSD2; REFERENCE NO: NSD2; SUPPL P/N: NSD2	EA	90	COL
583341	FUSE CARTD:25 A;550 V;BOLT IN;80 KA	FUSE CARTD:25 A;550 V;BOLT IN;80 KA FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 550 V; CONNECTION TYPE: BOLT IN; DIMENSIONS: DIA 13.8 X LG 55 MM; INTERRUPT CAPACITY: 80 KA; SPECIFICATION: NIT25A; MANUF P/N: 401228	EA	150	COL
583348	FUSE CARTD:250 A;690VAC/250VDC;CLIP IN	FUSE CARTD:250 A;690VAC/250VDC;CLIP IN FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 690VAC/250VDC; CONNECTION TYPE: CLIP IN; DIMENSIONS: SIZE1 MM; INTERRUPT CAPACITY: 71 KA; TYPE: NH1; MANUF P/N: 3NE1227-0	EA	22,5	COL
583345	FUSE CARTD:315 A;500 V;BLADE;120 KA	FUSE CARTD:315 A;500 V;BLADE;120 KA FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE; DIMENSIONS: DIA 60 X LG 150 MM; INTERRUPT CAPACITY: 120 KA; SPECIFICATION: NHA2/315; MANUF P/N: 403087	EA	30	COL
583349	FUSE CARTD:32 A;600 V;RAIL;CYLINDRICAL	FUSE CARTD:32 A;600 V;RAIL;CYLINDRICAL FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 600 V; CONNECTION TYPE: RAIL; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CYLINDRICAL; MANUF P/N: 3NW7013 32A	EA	6	COL
575262	FUSE CARTD:3NA3252;315 A;690 VAC;SCREW	FUSE CARTD:315 A;690 VAC;SCREW FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 690 VAC; CONNECTION TYPE: SCREW; DIMENSIONS: 58 X 74 MM; TYPE: LV HRC FUSE LINK; MANUF P/N: 3NA3252	EA	30	COL
575242	FUSE CARTD:3NA3801;6 A;500 VAC;SCREW	FUSE CARTD:6 A;500 VAC;SCREW;21 X 54 MM FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 VAC; CONNECTION TYPE: SCREW; DIMENSIONS: 21 X 54 MM; TYPE: LV HRC FUSE LINK; MANUF P/N: 3NA3801	EA	30	COL

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 10 of 22

583347	FUSE CARTD:6 A;550 V;BOLT IN;80 KA	FUSE CARTD:6 A;550 V;BOLT IN;80 KA FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 550 V; CONNECTION TYPE: BOLT IN; DIMENSIONS: DIA 13.7 X LG 85 MM; INTERRUPT CAPACITY: 80 KA; SPECIFICATION: TIAGA; MANUF P/N: 401234	EA	60	COL
665947	FUSE CARTD:63NZ02;63 MA;400 V;BOLTED	FUSE CARTD:63 MA;400 V;BOLTED FUSE, CARTRIDGE: CURRENT: 63 MA; POTENTIAL: 400 V; CONNECTION TYPE: BOLTED; DIMENSIONS: DIA 15 X LG 36 MM; SPECIFICATION: VDE0636; MANUF P/N: 63NZ02; FUSE SIZE D02; APPLICATION CATEGORY GG/GL; FUSE SPEED T	EA	45	COL
665946	FUSE CARTD:FWP-20A14F1;20 A;690 V;CLIP	FUSE CARTD:20 A;690 V;CLIP;CERAMIC FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 690 V; CONNECTION TYPE: CLIP; DIMENSIONS: DIA 14 X LG 51 MM; CASE MATERIAL: CERAMIC; MANUF P/N: FWP-20A14F1; CLIP HOLDER; 700VDC/INTERRUPTING RATING 50KA; INTERRUPTING RATING 200KA	EA	450	COL
579813	FUSE:0108010070;2 A;690 V;RING	FUSE:2 A;690 V;RING;DIA 10 X LG 38 MM FUSE: CURRENT: 2 A; POTENTIAL: 690 V; CONNECTION: RING; DIMENSIONS: DIA 10 X LG 38 MM; SPECIFICATION: IEC 269-2; MANUF P/N: 0108010070; USED ON 10KVA UPS	EA	15	COL
579817	FUSE:0108010071;4 A;500 V	FUSE:4 A;500 V;DIA 10 X LG 38 MM FUSE: CURRENT: 4 A; POTENTIAL: 500 V; DIMENSIONS: DIA 10 X LG 38 MM; MANUF P/N: 0108010071; USED ON 80KVA UPS	EA	15	COL
625376	FUSE:1021CPURB2760Q100D80 ;100 A;1000 V	FUSE:100 A;1000 V;SCREW;SPEC S081275J FUSE: CURRENT: 100 A; POTENTIAL: 1000 V; CONNECTION: SCREW; DIMENSIONS: DIA 25.74 X LG 60 MM; SPECIFICATION: S081275J; MANUF P/N: 1021CPURB2760Q100D80; REFERENCE NO: DN27UB10C100T	EA	30	COL
625779	FUSE:6A A;CERAMIC;690 VAC	FUSE:6A BTIA69V6;6 A;CERAMIC;690 VAC FUSE: TYPE: 6A BTIA69V6; CURRENT: 6 A; MATERIAL: CERAMIC; POTENTIAL: 690 VAC; CONNECTION: BOLT IN; DIMENSIONS: DIA 20.37 X LG 83.81 MM; SPECIFICATION: J1O19253J 690 V 6 A; REFERENCE NO: BTIA69V6; SUPPL P/N: BTIA69V6	EA	90	COL
625772	FUSE:HRC CARTRIDGE FUSE;10 A;CERAMIC	FUSE:HRC CARTRIDGE FUSE;10 A;CERAMIC FUSE: TYPE: HRC CARTRIDGE FUSE; CURRENT: 10 A; MATERIAL: CERAMIC; POTENTIAL: 690 V; CONNECTION: BOLT DOWN; DIMENSIONS: DIA 13.7 X LG 87 MM; SPECIFICATION: BTIA69V10; REFERENCE NO: BTIA69V10; SUPPL P/N: BTIA69V10	EA	90	COL

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 11 of 22

583362	HOLDER FUSE:32NNSFBS;660 V;32 A	HOLDER FUSE:660 V;32 A;OFFSET TAGS HOLDER, FUSE: POTENTIAL: 660 V; CURRENT: 32 A; FUSE SIZE: DIA 17.5 X LG 58.5 MM; FUSE STYLE: OFFSET TAGS; MOUNT: DIN RAIL/PANEL; TYPE: SAFELOC; MANUF P/N: 32NNSFBS; FUSE LINK: NSD	EA	7,5	COL
666344	FUSE CARTD:120 A;690VAC/500VDC	FUSE CARTD:120 A;690VAC/500VDC;STUD FUSE CARTRIDGE: CURRENT: 120 A; POTENTIAL: 690VAC/500VDC; CONNECTION TYPE: STUD; DIMENSIONS: LG 94 MM; TYPE: HIGH SPEED, CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; MANUF P/N: 120FEE	EA	30	DCS
666350	FUSE CARTD:63FE;63 A;690VAC/500VDC;STUD	FUSE CARTD:63 A;690VAC/500VDC;STUD FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 690VAC/500VDC; CONNECTION TYPE: STUD; DIMENSIONS: LG 77 MM; TYPE: HIGH SPEED, CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; MANUF P/N: 63FE	EA	60	DCS
579828	FUSE:0208010070;2 A;DIA 10 X LG 38 MM	FUSE:2 A;DIA 10 X LG 38 MM FUSE: CURRENT: 2 A; DIMENSIONS: DIA 10 X LG 38 MM; MANUF P/N: 0208010070; USED ON 80KVA 400VAC UPS	EA	450	DCS
579827	FUSE:060201A026;BYPASS	FUSE:BYPASS FUSE: TYPE: BYPASS; MANUF P/N: 060201A026; USED ON 10KVA, 400V OUTSIDE PLANT SUBSTATION UPS	EA	12	DCS
579818	FUSE:208010070;2 A;FERRULE	FUSE:2 A;FERRULE;DIA 10 X LG 38 MM FUSE: CURRENT: 2 A; CONNECTION: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; SPECIFICATION: IEC 269 4; MANUF P/N: 208010070; USED ON 80A BATTERY CHARGER	EA	4,5	DCS
579806	FUSE:208010070;CC 10;32 A;THERMOPLASTIC	FUSE:CC 10;32 A;THERMOPLASTIC;690 V FUSE: TYPE: CC 10; CURRENT: 32 A; MATERIAL: THERMOPLASTIC; POTENTIAL: 690 V; CONNECTION: 10X38 MM2 FUSELINK; DIMENSIONS: 42.5 X 775 MM; MANUF P/N: 208010070; USED ON 10KVA UPS	EA	4,5	DCS
579807	FUSE:208010071;50 A;690 V;35 MM2	FUSE:50 A;690 V;35 MM2;53 X 107 MM FUSE: CURRENT: 50 A; POTENTIAL: 690 V; CONNECTION: 35 MM2; DIMENSIONS: 53 X 107 MM; SPECIFICATION: IEC947-5; MANUF P/N: 208010071; USED ON 30KVA UPS	EA	9	DCS
579815	FUSE:208050016;GR CLASS:4 A;500 V	FUSE:GR CLASS:4 A;500 V;FERRULE FUSE: TYPE: GR CLASS; CURRENT: 4 A; POTENTIAL: 500 V; CONNECTION: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; SPECIFICATION: IEC 269 4; MANUF P/N: 208050016; USED ON 80A BATTERY CHARGER	EA	4,5	DCS

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 12 of 22

579816	FUSE:208050018;CC10;32 A;690 V	FUSE:CC10;32 A;690 V;10X38 MM FUSELINK FUSE: TYPE: CC10; CURRENT: 32 A; POTENTIAL: 690 V; CONNECTION: 10X38 MM FUSELINK; DIMENSIONS: 42.5 X 77.5 MM; MANUF P/N: 208050018; USED ON 30KVA UPS	EA	9	DCS
579812	FUSE:218010022;50 A;THERMOPLASTIC;690 V	FUSE:50 A;THERMOPLASTIC;690 V;35 MM2 FUSE: CURRENT: 50 A; MATERIAL: THERMOPLASTIC; POTENTIAL: 690 V; CONNECTION: 35 MM2; DIMENSIONS: 53 X 107 MM; SPECIFICATION: IEC847-5; MANUF P/N: 218010022; USED ON 10KVA UPS	EA	9	DCS
579826	FUSE:2512966;FILTER	FUSE:FILTER FUSE: TYPE: FILTER; MANUF P/N: 2512966; 10KVA 400V OUTSIDE PLANT SUBSTATION UPS	EA	4,5	DCS
579825	FUSE:318010022;GG;50 A;THERMOPLASTIC	FUSE:GG;50 A;THERMOPLASTIC;400 V;35 MM2 FUSE: TYPE: GG; CURRENT: 50 A; MATERIAL: THERMOPLASTIC; POTENTIAL: 400 V; CONNECTION: 35 MM2; DIMENSIONS: 79.5 X 107 MM; MANUF P/N: 318010022; USED ON 30KVA UPS	EA	9	DCS
579824	FUSE:318010022;GLB CLASS;40 A;440 VDC	FUSE:GLB CLASS;40 A;440 VDC;FERRULE FUSE: TYPE: GLB CLASS; CURRENT: 40 A; POTENTIAL: 440 VDC; CONNECTION: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; MANUF P/N: 318010022; USED ON 80A BATTERY CHARGER	EA	4,5	DCS
579821	FUSE:5860500036;CC10;32 A;690 V	FUSE:CC10;32 A;690 V;10X38 MM FUSELINK FUSE: TYPE: CC10; CURRENT: 32 A; POTENTIAL: 690 V; CONNECTION: 10X38 MM FUSELINK; DIMENSIONS: A2.5 X 77.5 MM; MANUF P/N: 5860500036; USED ON 10KVA UPS	EA	9	DCS
579822	FUSE:ELM.A80032;32 A;IP	FUSE:32 A;IP;DIA 10 X LG 38 MM FUSE: CURRENT: 32 A; CONNECTION: IP; DIMENSIONS: DIA 10 X LG 38 MM; MANUF P/N: ELM.A80032; USED IN AC/DC CONVERTER	EA	12	DCS
656442	LINK FUSE:0108010028;CERAMIC CARTRIDGE	LINK FUSE:CERAMIC CARTRIDGE;100 A;500 V LINK, FUSE: TYPE: CERAMIC CARTRIDGE; CURRENT: 100 A; POTENTIAL: 500 V; MANUF P/N: 0108010028; REFERENCE NO: 18463-G; T222979; GG; 22 X 58 MM; WITH STRIKER	EA	6	DCS
656440	LINK FUSE:0108010029;CERAMIC CARTRIDGE	LINK FUSE:CERAMIC CARTRIDGE;125 A;400 V LINK, FUSE: TYPE: CERAMIC CARTRIDGE; CURRENT: 125 A; POTENTIAL: 400 V; MANUF P/N: 0108010029; REFERENCE NO: 18465-G; GG; 22 X 58 MM; WITH STRIKER	EA	6	DCS

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd.

Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 13 of 22

656439	LINK FUSE:0108010073; CERAMIC CARTRIDGE	LINK FUSE: CERAMIC CARTRIDGE; 8 A; 500 V LINK, FUSE: TYPE: CERAMIC CARTRIDGE; CURRENT: 8 A; POTENTIAL: 500 V; MANUF P/N: 0108010073; REFERENCE NO: 16027-G; GG, 10 X 38 MM; WITHOUT STRIKER	EA	15	DCS
656432	LINK FUSE:0108050016; CERAMIC CARTRIDGE	LINK FUSE: CERAMIC CARTRIDGE; 8 A; 500 V LINK, FUSE: TYPE: CERAMIC CARTRIDGE; CURRENT: 8 A; POTENTIAL: 500 V; MANUF P/N: 0108050016; REFERENCE NO: 16527; 2201295; 10 X 38 MM WITHOUT STRIKER	EA	3	DCS
656437	LINK FUSE:0108050018; CERAMIC CARTRIDGE	LINK FUSE: CERAMIC CARTRIDGE; 4 A; 500 V LINK, FUSE: TYPE: CERAMIC CARTRIDGE; CURRENT: 4 A; POTENTIAL: 500 V; MANUF P/N: 0108050018; REFERENCE NO: 16519; W219232; 10 X 38 MM; WITHOUT STRIKER	EA	18	DCS
656429	LINK FUSE: 16023-G; CERAMIC CARTRIDGE; 6 A	LINK FUSE: CERAMIC CARTRIDGE; 6 A; 500 V LINK, FUSE: TYPE: CERAMIC CARTRIDGE; CURRENT: 6 A; POTENTIAL: 500 V; MANUF P/N: 0108010072; 16023-G; GG, 10 X 38 MM; WITHOUT STRIKER	EA	4,5	DCS
663785	LINK FUSE: 420004; CYLINDRICAL; 4 A; 500 V	LINK FUSE: CYLINDRICAL; 4 A; 500 V LINK, FUSE: TYPE: CYLINDRICAL; CURRENT: 4 A; POTENTIAL: 500 V; MANUF P/N: 420004; REFERENCE NO: GG; 120 KA; 20 X 38	EA	15	DCS
656012	LINK FUSE: 6,9URD30TTF0125; SQUA RE BODY	LINK FUSE: SQUARE BODY; 125 A; 690 V LINK, FUSE: TYPE: SQUARE BODY; CURRENT: 125 A; POTENTIAL: 690 V; MANUF P/N: 6,9URD30TTF0125; REFERENCE NO: 0108020052	EA	3	DCS
656014	LINK FUSE: 6,9URD31TTF0250; SQUA RE BODY	LINK FUSE: SQUARE BODY; 250 A; 690 V LINK, FUSE: TYPE: SQUARE BODY; CURRENT: 250 A; POTENTIAL: 690 V; MANUF P/N: 6,9URD31TTF0250; REFERENCE NO: 0108020055; LENGTH 4.33 INCH	EA	6	DCS
654357	FUSE CARTD: 1 A; 250 V; CAP: FAST BLOW	FUSE CARTD: 1 A; 250 V; CAP: FAST BLOW FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; MANUF P/N: F1AL250V	EA	75	DOC

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 14 of 22

654347	FUSE CARTD:10 A;250 V;CAP;FAST BLOW	A;250	FUSE CARTD:10 A;250 V;CAP;FAST BLOW FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 250 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; MANUF P/N: F10AL250V	EA	75	DOC
654353	FUSE CARTD:2 A;250 V;CAP;FAST BLOW	A;250	FUSE CARTD:2 A;250 V;CAP;FAST BLOW FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; MANUF P/N: F2AL250V	EA	75	DOC
654380	FUSE CARTD:3.15 A;250 V;CAP;FAST BLOW	A;250	FUSE CARTD:3.15 A;250 V;CAP;FAST BLOW FUSE, CARTRIDGE: CURRENT: 3.15 A; POTENTIAL: 250 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; MANUF P/N: F3.15AL250V	EA	75	DOC
654345	FUSE CARTD:4 A;250 V;CAP;FAST BLOW	A;250	FUSE CARTD:4 A;250 V;CAP;FAST BLOW FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; MANUF P/N: F4AL250V	EA	75	DOC
654355	FUSE CARTD:5 A;250 V;CAP;FAST BLOW	A;250	FUSE CARTD:5 A;250 V;CAP;FAST BLOW FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 250 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; MANUF P/N: F5AL250V	EA	75	DOC
654382	FUSE CARTD:6 A;250 V;CAP;FAST BLOW	A;250	FUSE CARTD:6 A;250 V;CAP;FAST BLOW FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 250 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; MANUF P/N: F6A250V	EA	75	DOC
654384	FUSE CARTD:8 A;250 V;CAP;FAST BLOW	A;250	FUSE CARTD:8 A;250 V;CAP;FAST BLOW FUSE, CARTRIDGE: CURRENT: 8 A; POTENTIAL: 250 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; MANUF P/N: F8AL250V	EA	75	DOC
615064	FUSE:CYLINDRICAL;50 A;380 VAC; 250 VDC	A;380	FUSE:CYLINDRICAL;50 A;380 VAC; 250 VDC FUSE; TYPE: CYLINDRICAL; CURRENT: 50 A; POTENTIAL: 380 VAC; 250 VDC; CONNECTION: FERRULE CAP; DIMENSIONS: DIA 15 X LG 36 MM	EA	22.5	EGR

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 15 of 22

635271	FUSE:6 A;690 V:BOLT DOWN	FUSE:6 A;690 V:BOLT DOWN FUSE: CURRENT: 6 A; POTENTIAL: 690 V; CONNECTION: BOLT DOWN; DIMENSIONS: DIA 10.3 X LG 37.76 MM; REFERENCE NO: FR10UR69V6	EA	525	GCS
615553	FUSE:CORROSION PROOF;10 A;690 VAC;NHC	FUSE:CORROSION PROOF;10 A;690 VAC;NHC FUSE: TYPE: CORROSION PROOF; CURRENT: 10 A; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHC; 120KA GG/GL AC 690V	EA	75	GCS
615748	FUSE:CORROSION PROOF;125 A;690 VAC	FUSE:CORROSION PROOF;125 A;690 VAC FUSE: TYPE: CORROSION PROOF; CURRENT: 125 A; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; REFERENCE NO: NH000G; 120KA GG AC 690V	EA	75	GCS
615551	FUSE:CORROSION PROOF;16 A;690 VAC	FUSE:CORROSION PROOF;16 A;690 VAC FUSE: TYPE: CORROSION PROOF; CURRENT: 16 A; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG00B; 120KA GG/GL AC 690V	EA	75	GCS
615133	FUSE:CORROSION PROOF;16 A;PORCELAIN	FUSE:CORROSION PROOF;16 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 16 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 78 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG000B; 120KA GG/GL AC 690V	EA	75	GCS
615618	FUSE:CORROSION PROOF;160 A;PORCELAIN	FUSE:CORROSION PROOF;160 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 160 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 135 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NH1; 120KA GG/GL AC 690V	EA	90	GCS
615626	FUSE:CORROSION PROOF;160 A;PORCELAIN	FUSE:CORROSION PROOF;160 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 160 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE MM; DIMENSIONS: LG 76 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NT00; 120KA GG/GL AC 500V	EA	120	GCS
615747	FUSE:CORROSION PROOF;25 A;500 VAC	FUSE:CORROSION PROOF;25 A;500 VAC FUSE: TYPE: CORROSION PROOF; CURRENT: 25 A; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; REFERENCE NO: NH000; 50KA GG AC 500V	EA	0	GCS
615466	FUSE:CORROSION PROOF;25 A;PORCELAIN	FUSE:CORROSION PROOF;25 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 25 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG000; 120KA GG AC 690V	EA	75	GCS

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd.
Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 16 of 22

615467	FUSE:CORROSION PROOF;250 A;PORCELAIN	FUSE:CORROSION PROOF;250 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 250 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 135 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NH1G; 120KA GG AC 690V	EA	165	GCS
615469	FUSE:CORROSION PROOF;250 A;PORCELAIN	FUSE:CORROSION PROOF;250 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 250 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 135 MM; SPECIFICATION: IEC 269-4; REFERENCE NO: NHG1B; 120KA GG/GL AC 500V	EA	90	GCS
615620	FUSE:CORROSION PROOF;250 A;PORCELAIN	FUSE:CORROSION PROOF;250 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 250 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 135 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NH1G; 120KA GG AC 500V	EA	120	GCS
615548	FUSE:CORROSION PROOF;315 A;PORCELAIN	FUSE:CORROSION PROOF;315 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 315 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 150 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG2; 120KA GG/GL AC 500V	EA	0	GCS
615624	FUSE:CORROSION PROOF;32 A;PORCELAIN	FUSE:CORROSION PROOF;32 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 32 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NH000GG/GL	EA	90	GCS
615627	FUSE:CORROSION PROOF;32 A;PORCELAIN	FUSE:CORROSION PROOF;32 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 32 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 78 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG000B; 120KA GG/GL AC 690V	EA	120	GCS
615619	FUSE:CORROSION PROOF;355 A;PORCELAIN	FUSE:CORROSION PROOF;355 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 355 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 150 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG2B; 120KA GG/GL AC 500V	EA	90	GCS
615251	FUSE:CORROSION PROOF;400 A;PORCELAIN	FUSE:CORROSION PROOF;400 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 400 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 150 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NH-2; 120KA GG/GL AC 690V	EA	90	GCS

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 17 of 22

615465	FUSE:CORROSION PROOF:50 A;690 VAC A;690 VAC	FUSE:CORROSION PROOF:50 A;690 VAC FUSE: TYPE: CORROSION PROOF; CURRENT: 50 A; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG000; 50KA GG AC 690V	EA	75	GCS
615468	FUSE:CORROSION PROOF:50 A;PORCELAIN A;PORCELAIN	FUSE:CORROSION PROOF:50 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 50 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 135 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG1B; 120KA GG/GL AC 690V	EA	37,5	GCS
615260	FUSE:CORROSION PROOF:500 A;PORCELAIN A;PORCELAIN	FUSE:CORROSION PROOF:500 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 500 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 150 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG3; 120KA GG AC	EA	6	GCS
615552	FUSE:CORROSION PROOF:6 A;690 VAC A;690 VAC	FUSE:CORROSION PROOF:6 A;690 VAC FUSE: TYPE: CORROSION PROOF; CURRENT: 6 A; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHC; 120KA GG/GL AC 690V	EA	105	GCS
615255	FUSE:CORROSION PROOF:63 A;PORCELAIN A;PORCELAIN	FUSE:CORROSION PROOF:63 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 63 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NH000G; 120KA GG AC 500V	EA	75	GCS
615622	FUSE:CORROSION PROOF:63 A;PORCELAIN A;PORCELAIN	FUSE:CORROSION PROOF:63 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 63 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG00; 120KA GG/GL AC 500V	EA	150	GCS
615549	FUSE:CORROSION PROOF:630 A;PORCELAIN A;PORCELAIN	FUSE:CORROSION PROOF:630 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 630 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 150 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG3; 120KA GG/GL AC 690V	EA	75	GCS
615617	FUSE:CORROSION PROOF:630 A;PORCELAIN A;PORCELAIN	FUSE:CORROSION PROOF:630 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 630 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 150 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG3B; 120KA GG/GL AC 500V	EA	120	GCS

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 18 of 22

615471	FUSE:CORROSION PROOF:80 A;PORCELAIN	FUSE:CORROSION PROOF:80 A;PORCELAIN FUSE: TYPE: CORROSION PROOF; CURRENT: 80 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 135 MM; SPECIFICATION: IEC 269-2; REFERENCE NO: NHG1B; 120KA GG AC	EA	6	GCS
615746	FUSE:CYLINDRICAL:25 A;1000 VDC;LG 38 MM	FUSE:CYLINDRICAL:25 A;1000 VDC;LG 38 MM FUSE: TYPE: CYLINDRICAL; CURRENT: 25 A; POTENTIAL: 1000 VDC; CONNECTION: FERRULE CAP; DIMENSIONS: LG 38 MM; SPECIFICATION: IEC 60269-2; PV FUSE LINK	EA	195	GCS
615131	FUSE:NH2G:315 A;PORCELAIN;690 VAC	FUSE:NH2G:315 A;PORCELAIN;690 VAC FUSE: TYPE: NH2G; CURRENT: 315 A; MATERIAL: PORCELAIN; POTENTIAL: 690 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 150 MM; SPECIFICATION: IEC 269-2; 120KA GG AC 690V CORROSION PROOF	EA	0	GCS
615132	FUSE:NHG00:125 A;PORCELAIN;500 VAC	FUSE:NHG00:125 A;PORCELAIN;500 VAC FUSE: TYPE: NHG00; CURRENT: 125 A; MATERIAL: PORCELAIN; POTENTIAL: 500 VAC; CONNECTION: BLADE KNIFE; DIMENSIONS: LG 79 MM; SPECIFICATION: IEC 269-2; 120KA GG/GL AC 500V CORROSION PROOF	EA	180	GCS
619421	FUSE CARTD:20 A;690 VDC;KNIFE BLADE	FUSE CARTD:20 A;690 VDC;KNIFE BLADE FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 690 VDC; CONNECTION TYPE: KNIFE BLADE; DIMENSIONS: LG 80 MM; INTERRUPT CAPACITY: 80 KA; TYPE: LINK; CASE MATERIAL: PORCELAIN; SPECIFICATION: VDE43620; SUPPL P/N: NH000/20A/690V	EA	75	GSF
620669	FUSE:CYLINDRICAL:4 A;CERAMIC;500 VAC	FUSE:CYLINDRICAL:4 A;CERAMIC;500 VAC FUSE: TYPE: CYLINDRICAL; CURRENT: 4 A; MATERIAL: CERAMIC; POTENTIAL: 500 VAC; CONNECTION: PUSH IN; DIMENSIONS: DIA 10.3 X LG 38 MM; SPECIFICATION: IEC 60269-2; SUPPL P/N: FR10AM50V4; CONTACT MATERIAL: SILVER PLATED COPPER; BREAKING CAPACITY: 120KA; POWER DISSIPATION: 0.28W	EA	150	GST
667281	FUSE CARTD:S500-10-R;10 A;250 V;ENDCAP	FUSE CARTD:10 A;250 V;ENDCAP;GLASS FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 250 V; CONNECTION TYPE: ENDCAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST ACTING; CASE MATERIAL: GLASS; SPECIFICATION: IEC 60127-2; MANUF P/N: S500-10-R	EA	150	MET
667300	FUSE CARTD:S500-2-R;2 A;250 V;ENDCAPS	FUSE CARTD:2 A;250 V;ENDCAPS;GLASS FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: ENDCAPS; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST ACTING; CASE MATERIAL: GLASS; SPECIFICATION: IEC 60127-2; MANUF P/N: S500-2-R	EA	150	MET

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 19 of 22

667285	FUSE CARTD:S500-5-R;5 A;250 V;ENDCAP	FUSE CARTD:5 A;250 V;ENDCAP;FAST ACTING FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 250 V; CONNECTION TYPE: ENDCAP; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST ACTING; CASE MATERIAL: GLASS; SPECIFICATION: IEC 60127-2; MANUF P/N: S500-5-R	EA	150	MET
621707	FUSE:TERMINAL BLOCK;2.5 A;PLASTIC;RAIL	FUSE:TERMINAL BLOCK;2.5 A;PLASTIC;RAIL FUSE: TYPE: TERMINAL BLOCK; CURRENT: 2.5 A; MATERIAL: PLASTIC; POTENTIAL: 220 VAC; CONNECTION: RAIL; DIMENSIONS: WD 10.5 X LG 38.2 X HT 40.5 MM; SPECIFICATION: BUL.1492 STYLE CA; SUPPL P/N: TRM2-1/2; APPLICATION: DUAL BED NITROGEN PSA MAIN GENERATOR MODEL NO: DB-4000	EA	3	TGN
608676	HOLDER FUSE:500 VAC;63 A;SCREW CLAMP	HOLDER FUSE:500 VAC;63 A;SCREW CLAMP HOLDER, FUSE: POTENTIAL: 500 VAC; CURRENT: 63 A; FUSE SIZE: DIA 75.4 X LG 100 MM; FUSE STYLE: SCREW CLAMP; MOUNT: PANEL; CONNECTION TYPE: SCREW; TYPE: ANTI VIBRATION; REFERENCE NO: 130009; SUPPL P/N: RS63HWH; CURRENT RANGE: 2-32A; MAXIMUM CABLE ENTRY: 50MM2; ASSOCIATED LINKS: RS63C-LINK; SAFE CLIP: H	EA	30	TGN
607755	FUSE CARTD:3NE1021-0;100 A;690 VAC	FUSE CARTD:3NE1021-0;100 A;690 VAC FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 690 VAC; CONNECTION TYPE: CLIP IN; DIMENSIONS: WD 97 X LG 130 X HT 50 MM; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 269; OEM P/N: 3NE1021-0	EA	33	VSD
656339	FUSE:6SY7000-0AC48;TIME DELAY;4 A	FUSE:6SY7000-0AC48;TIME DELAY;4 A FUSE: TYPE: TIME DELAY; CURRENT: 4 A; MATERIAL: FIBREGLASS; POTENTIAL: 600 VAC; CONNECTION: PUSH IN; DIMENSIONS: DIA 10.4 X LG 38.1 MM; OEM P/N: 6SY7000-0AC48; MANUF P/N: ATDR4; CLASS CC; SLOW ACTING; FUSEHOLDER CONNECTION USCC	EA	9	VSD
668677	HOLDER FUSE:DF101N;690 V;32 A;CARTRIDGE	HOLDER FUSE:690 V;32 A;DIA 10 X LG 38 MM HOLDER, FUSE: POTENTIAL: 690 V; CURRENT: 32 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: CARTRIDGE; MOUNT: DIN RAIL; SPECIFICATION: IEC60947-3; CONNECTION TYPE: SCREW/TERMINAL; TYPE: DF CARRIER; MANUF P/N: DF101N; TUBULAR LINK LOCKED IN NEUTRAL POLE; DF2CA AND DF2CN FUSE CARTRIDGE; FUSE TYPES AM AND GG; DIMENSIONS WD 35 X HT 79.5 X DP 61MM; AMBIENT TEMPERATURE FOR OPERATION -40 TO 70 DEG C; IP20	EA	4,5	VSD
668675	HOLDER FUSE:DF102;690 V;32 A;CARTRIDGE	HOLDER FUSE:690 V;32 A;DIA 10 X LG 38 MM HOLDER, FUSE: POTENTIAL: 690 V; CURRENT: 32 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: CARTRIDGE; MOUNT: DIN RAIL; SPECIFICATION: IEC 60947-3; CONNECTION TYPE: SCREW; TYPE: DF; MANUF P/N: DF102; TWO POLES; CLASS CC	EA	4,5	VSD
663386	HOLDER FUSE:MSC10/Q216674;690 V;32 A	HOLDER FUSE:690 V;32 A;DIA 10 X LG 38 MM HOLDER, FUSE: POTENTIAL: 690 V; CURRENT: 32 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: GL HRC; MOUNT: DIN RAIL; SPECIFICATION: IEC 269-2-1/947-3; TYPE: MODULAR; MANUF P/N: MSC10/Q216674; SINGLE POLE	EA	15	VSD

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 20 of 22

663384	HOLDER FUSE:MSC10/W219784;690 V;32 A	HOLDER FUSE:690 V;32 A;DIA 10 X LG 38 MM HOLDER, FUSE: POTENTIAL: 690 V; CURRENT: 32 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: HRC; MOUNT: DIN RAIL; SPECIFICATION: IEC 269-2-1/947-3; TYPE: MODULAR; MANUF P/N: MSC10/W219784; IP20; FUSE TYPE HRC 0.5-32A; AM 0.5-25A; SINGLE POLE; BASIC FUSE HOLDER WITH INTEGRAL	EA	15	VSD
663385	HOLDER FUSE:MSC10/Y201317;690 V;32 A	HOLDER FUSE:690 V;32 A;DIA 10 X LG 38 MM HOLDER, FUSE: POTENTIAL: 690 V; CURRENT: 32 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: HRC; MOUNT: DIN RAIL; SPECIFICATION: IEC 269-2-1/947-3; TYPE: MODULAR; MANUF P/N: MSC10/Y201317; SINGLE POLE AND NEUTRAL; FUSE TYPE GL HRC 0.5-32A; AM 0.5-25A	EA	15	VSD
584283	LINK FUSE:3NE1022-0;125 A;690	LINK FUSE:SEMICONDUCTOR PROTECTION;125 A LINK, FUSE: TYPE: SEMICONDUCTOR PROTECTION; CURRENT: 125 A; POTENTIAL: 690; SPECIFICATION: IEC269; MANUF P/N: 3NE1022-0; OPERATING CLASS: G5; SWITCHING CAPACITY CURRENT: 100KA; ACTIVE POWER LOSS: 11W PER POLE	EA	30	VSD
660407	LINK FUSE:3NE1230-2;HRC;315 A;690 V	LINK FUSE:HRC;315 A;690 V LINK, FUSE: TYPE: HRC; CURRENT: 315 A; POTENTIAL: 690 V; MANUF P/N: 3NE1230-2; WITH SILVER PLATED BLADE CONTACTS; NH1; FRONT INDICATOR; SITOR	EA	13,5	VSD
668678	LINK FUSE:3NE1331-2;FRONT INDICATOR	LINK FUSE:FRONT INDICATOR;350 A;690 V LINK, FUSE: TYPE: FRONT INDICATOR; CURRENT: 350 A; POTENTIAL: 690 V; SPECIFICATION: DIN EN 60269-1; MANUF P/N: 3NE1331-2; SILVER PLATED BLADE CONTACTS; SIZE OF FUSE NH2; OPERATING CLASS OF THE FUSE LINK GR; SUPPLY VOLTAGE 690VAC/250VDC; AMBIENT TEMPERATURE -20 TO 50 DEG C	EA	15	VSD
656136	LINK FUSE:3NE1334-2;SITOR HRC;500 A	LINK FUSE:SITOR HRC;500 A;690 VAC LINK, FUSE: TYPE: SITOR HRC; CURRENT: 500 A; POTENTIAL: 690 VAC; SPECIFICATION: IEC/EN 60269; MANUF P/N: 3NE1334-2; BLADE CONTACTS; SILVER PLATED; OPERATING CLASS OF THE FUSE LINK - GR; AMBIENT TEMPERATURE -20 TO 50 DEG C; SIZE OF FUSE SYSTEM NH2 TO DIN EN 60269-1; FRONT INDICATOR	EA	18	VSD
660408	LINK FUSE:3NE1820-0;HRC;80 A;690 V	LINK FUSE:HRC;80 A;690 V LINK, FUSE: TYPE: HRC; CURRENT: 80 A; POTENTIAL: 690 V; MANUF P/N: 3NE1820-0; SITOR; WITH BLADE CONTACTS; NH000; FRONT INDICATOR; CLASS GS; SWITCHING CAPACITY CURRENT 100KA; 8W POWER LOSS; DIMENSIONS WD 21 X HT 79.9 X DP 53.3 MM	EA	9	VSD
656168	LINK FUSE:3NW1050- 0HG;CYLINDRICAL;5 A	LINK FUSE:CYLINDRICAL;5 A;600 V LINK, FUSE: TYPE: CYLINDRICAL; CURRENT: 5 A; POTENTIAL: 600 V; MANUF P/N: 3NW1050-0HG; OPERATING CLASS OF THE FUSE LINK SLOW; SIZE OF THE FUSE LINK CLASS CC; TIME LAG	EA	7,5	VSD

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

Medupi Power Station Supply of Spares –Fuses

Unique Identifier 241-2022608

Revision: 1

Page: 21 of 22

666169	LINK FUSE:3NW1150-0HG;CYLINDRICAL;15 A	LINK FUSE:CYLINDRICAL;15 A;600 V LINK, FUSE: TYPE: CYLINDRICAL; CURRENT: 15 A; POTENTIAL: 600 V; MANUF P/N: 3NW1150-0HG; CLASS CC; TIME LAG; OPERATING CLASS OF THE FUSE LINK SLOW	EA	7,5	VSD
668674	LINK FUSE:50NHG00B;DUAL INDICATOR;50 A	LINK FUSE:DUAL INDICATOR;50 A;500 VAC LINK, FUSE: TYPE: DUAL INDICATOR; CURRENT: 50 A; POTENTIAL: 500 VAC; SPECIFICATION: IEC 60269-2; MANUF P/N: 50NHG00B; REFERENCE NO: 1664014; CONSTRUCTION SIZE NH00; BREAKING CAPACITY 120KA; KNIFE BLADE CONTACTS; UTILIZATION CATEGORY GL/GG	EA	13,5	VSD
668681	LINK FUSE:NH000/050;GP;50 A;500 VAC	LINK FUSE:GP;50 A;500 VAC LINK, FUSE: TYPE: GENERAL PURPOSE; CURRENT: 50 A; POTENTIAL: 500 VAC; SPECIFICATION: IEC 60269-21; MANUF P/N: NH000/050; REFERENCE NO: 403008; BREAKING CAPACITY 120KA; DIMENSIONS LG 78 X WD 20.5 X DP 39.5MM; LINK SIZE THK 6MM X DP 15MM	EA	15	VSD
668673	LINK FUSE:NHG000/063;GP;63 A;500 V	LINK FUSE:GP;63 A;500 V LINK, FUSE: TYPE: GENERAL PURPOSE; CURRENT: 63 A; POTENTIAL: 500 V; SPECIFICATION: IEC 60269-21; MANUF P/N: NHG000/063; REFERENCE NO: 403009; DIN SIZE 000; 120KA BREAKING CAPACITY; DIMENSIONS WD 29 LG 78 X DP 45MM	EA	15	VSD
668680	LINK FUSE:NHG000/100;GP;100 A;500 VAC	LINK FUSE:GP;100 A;500 VAC LINK, FUSE: TYPE: GENERAL PURPOSE; CURRENT: 100 A; POTENTIAL: 500 VAC; SPECIFICATION: IEC 60269-21; MANUF P/N: NHG000/100; REFERENCE NO: 403011; BREAKING CAPACITY 120KA; OPERATING TEMPERATURE 40 DEG C MAX; DIN SIZE 000; WD 78 X LG 20.5 X DP 39.5MM	EA	13,5	VSD
668679	LINK FUSE:NHG1/250;GP;250 A;500 VAC	LINK FUSE:GP;250 A;500 VAC LINK, FUSE: TYPE: GENERAL PURPOSE; CURRENT: 250 A; POTENTIAL: 500 VAC; SPECIFICATION: IEC 60269-1; MANUF P/N: NHG1/250; REFERENCE NO: 403032; BREAKING CAPACITY 120KA; DIN SIZE 1; DIMENSIONS WD 44.5 X LG 135 X DP 50MM	EA	15	VSD
668682	LINK FUSE:NSC/LINK;NEUTRAL;32 A;550 VAC	LINK FUSE:NEUTRAL;32 A;550 VAC LINK, FUSE: TYPE: NEUTRAL; CURRENT: 32 A; POTENTIAL: 550 VAC; SPECIFICATION: BS88-2; MANUF P/N: NSC/LINK; CONSTRUCTION SIZE BS88/F1; USABLE FOR FUSE HOLDER SC32; MATERIAL COPPER	EA	15	VSD
659204	SWITCH DSCNNCT:3KL6130-1GB02;FUSE;690 V	SWITCH DSCNNCT:FUSE;690 V;630 A;3PST SWITCH, DISCONNECT: TYPE: FUSE; POTENTIAL: 690 V; CURRENT: 630 A; ACTION: 3PST; OPERATED: HANDLE; MOUNT: SURFACE; DIMENSIONS: WD 345 X HT 270 X DP 240 MM; APPLICATION: ISOLATION OF VSD G130; MANUF P/N: 3KL6130-1GB02; 3 POLE; FOR LV HRS FUSES; 3/2 WITH DOOR OPERATING MECHANISM 8UC7 HANDLE DARK BLUE/GLUE-GREEN; BASIC MASKING FRAME LIGHT GREY; IP00; AMBIENT TEMPERATURE OPERATION -25 TO 55 DEGC	EA	6	VSD

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

656166	SWITCH DSCNNCT:3NC1491;FUSE:690 VAC;50 A	SWITCH DSCNNCT:FUSE:690 VAC;50 A;1P SWITCH, DISCONNECT: TYPE: FUSE; POTENTIAL: 690 VAC; CURRENT: 50 A; ACTION: 1P; DIMENSIONS: WD 27 X HT 96 X DP 69 MM; SPECIFICATION: IEC 60947-3; MANUF P/N: 3NC1491; SCREW TYPE TERMINALS	EA	4,5	VSD
618597	FUSE:FAST ACTING:35 A;250 VAC;CLIP IN	FUSE:FAST ACTING:35 A;250 VAC;CLIP IN FUSE: TYPE: FAST ACTING; CURRENT: 35 A; MATERIAL: BRS NICKEL PLTD/CERAMIC; POTENTIAL: 250 VAC; CONNECTION: CLIP IN; DIMENSIONS: DIA 32 X LG 6.3 MM; SPECIFICATION: ABC-3/4; SUPPL P/N: 71389K23	EA	3	WAT
631038	HOLDER FUSE:690 VAC;32 A;CYLINDRICAL	HOLDER FUSE:690 VAC;32 A;CYLINDRICAL HOLDER, FUSE: POTENTIAL: 690 VAC; CURRENT: 32 A; FUSE SIZE: DIA 10 X LG 38 MM; FUSE STYLE: CYLINDRICAL; MOUNT: DIN RAIL; CONNECTION TYPE: SCREW; SUPPL P/N: 485101	EA	15	WAT

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd,
Reg No 2002/015527/30.