


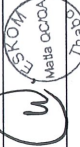

	<b>MATLA POWER STATION</b>		Document Identifier	14593	Rev	7
	<b>SCOPE OF WORK</b>		Effective Date	October 2024		
			Review Date	October 2027		

PLANT AREA: Matla Power Station			MULTIDISCIPLINARY: No			Plant Level: All		
TITLE: Matla Seal Oil Vacuum Pumps Refurbishment and Spares Supply Contract Scope of Work								
REF: MET-054208			Reference Rev No:0					
COMPILED BY	Name: Collins Phooko Systems Engineer	Signature: 				Date: 09/06/2026		
APPROVED	Name: Zain Karodia Line Manager Turbine Engineering	Signature: 				Date: 09/06/2026		
APPROVED	Name: Lindo Ngobese Group Manager	Signature: 				Date: 10/06/2026		
REVIEWED	Name: Thabo Matlonyane Quality Department	Signature: 				Date: 12.06.2026		
REVIEWED	Name: Occupational Health and Safety	Signature:				Date:		
REVIEWED	Name: Mawase Tlemene Environmental Department	Signature: 				Date: 12/06/2026		
ACCEPTED	Name: Outage Manager/Maintenance manager	Signature:				Date:		

**NB: Do not tamper with the template.**

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 1 of 13
--------------------------	---------------------	------------------	--------------

**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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/015527/30



# MATLA POWER STATION SCOPE OF WORK

Document Identifier	14593	Rev	7
Effective Date	October 2024		
Review Date	October 2027		

## GENERAL

- Data books, reviews, reports, and diagrams/drawings shall be submitted to Engineering after the completion of the work. Engineering to forward the data books to Quality Department (Document Control)
- All QCP's to be submitted to Engineering and Quality for approval prior to outage/project or maintenance work commencement.

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1.1	Occupational Health and Safety	<ul style="list-style-type: none"><li>• Health and safety file should be approved by Safety risk management department prior to any work commences on site</li><li>• All work is to be done in accordance with OHS Act 85 of 1993, Matla plant procedures and Plant Safety Regulations. (240-150642762).</li><li>• Matla power station SHEQ induction must be done before access to site can be granted</li><li>• The contractor should ensure that all employees have acquired the required competency for the task they are performing.</li><li>• The contractor to ensure compliance to updated legal requirements and other requirements.</li><li>• <b>BUY QUIET:</b> All stakeholders are encouraged to purchase or rent quieter machinery, equipment, and tools to reduce worker noise exposure, contribute towards compliance</li></ul>	Eskom to witness.	Contractor

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 2 of 13
--------------------------	---------------------	------------------	--------------

## **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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/01552/730

### **File name:**

Template ID: 240-43521896 (Rev 8) Header and Footer portrait template



**MATLA POWER STATION**  
**SCOPE OF WORK**

Document Identifier	14593	Rev	7
Effective Date	October 2024		
Review Date	October 2027		

		to OHS&A noise exposure limits and ultimately reduce the risk of noise induced hearing loss.		
1.2	Environmental Management.	<ul style="list-style-type: none"><li>All activities listed in the National Environmental Act 107 of 1998, EIA Regulations as amended, must have environmental <b>AUTHORISATION</b> before commencement of work.</li><li>The contractor shall comply with all applicable legal and other requirements.</li><li>The polluter pays principle will be applied.</li><li>The contractor manager shall ensure compliance with Eskom Matla Environmental procedures to ensure the prevention of pollution (refer: OMOP 4090 and 4402).</li><li>The last payment will be processed based on the status of the last housekeeping check sheet (Annexure C: OMOP 4402) of designated area.</li><li>EMS file based on ISO14001 will be required.</li></ul>	Eskom to witness.	Contractor
1.3	Quality Management	<ul style="list-style-type: none"><li>The contractor/executioner of work will be responsible for drawing up all QCP documentation and this must be approved by engineering and authorised by the Quality Department before commencing with the work.</li><li>Contractors/executioner to adhere to QM 58 and OMOP4497 requirements</li><li>Number of NCR issued can affect your next tendering process.</li><li>The QCP shall be signed progressively by the Engineer/Supervisor, Eskom QC Inspector, Contractor QC Inspector and/or AIA.</li></ul>	Hold point	Contractor

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 3 of 13
--------------------------	---------------------	------------------	--------------

**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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/015627/30



# MATLA POWER STATION SCOPE OF WORK


Document Identifier	14593	Rev	7
Effective Date	October 2024		
Review Date	October 2027		

		<ul style="list-style-type: none"><li>No procuring of outage items without the approval of scopes by quality</li><li>All outage scopes creep and scopes addition should be approved by quality</li><li>No contractor should be in the possession of scopes for execution without the scopes approved by quality</li><li>The contractor is subjected to quality auditing at any point in time during execution of scope</li></ul>		
1.4	Inputs from other departments			
1.5	Commissioning reference			

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 4 of 13
--------------------------	---------------------	------------------	--------------

### 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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/015927/30

	<b>MATLA POWER STATION</b> <b>SCOPE OF WORK</b>		<b>Document Identifier</b> 14593	<b>Rev</b> 7
			<b>Effective Date</b> October 2024	
			<b>Review Date</b> October 2027	

	SCOPE OF WORK DESCRIPTION / ACTIVITY Refurbishment of Vacuum Pumps Scope	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1	Collect and return pumps (0245982) from/to Matla Power station	Quantity of 90 Seal Oil Vacuum Pumps over 5 Years		Contractor
2	Inspect pump as received and test run vacuum pumps before repairs	An assessment/failure report must be developed for each vacuum pump on what could have led to the failure or non-performance of the vacuum pump. The report must include but not limited to pictures, motor amps, vacuum pressures, checksheet, etc		
3	Strip pumps and make an assessment		Review	Contractor
4	Clean components and do inspections (e.g. visual, dimensional, etc)			
5	Submit the following quotations before continuing with the repairs		1) Submit quotation of New Vacuum Pump (Forward Original Quote from OEM or OEM Local Representative to Eskom) 2) Submit refurbishment Quote	Hold

Reference No: MET-054208	Reference Rev No: 0
	Date: 08/06/2026
	Page 5 of 13

**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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/01582/730



MATLA POWER STATION  
SCOPE OF WORK


Document Identifier	14593	Rev	7
Effective Date	October 2024		
Review Date	October 2027		

SCOPE OF WORK DESCRIPTION / ACTIVITY Refurbishment of Vacuum Pumps Scope	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
6 Procure and replace all out of spec and damaged components	List components replaced in a report	Review	Contractor
7 Replace all seals and O-rings with Viton material	O-rings/seals datasheet must be submitted to Eskom engineer.	Witness	Contractor
8 Assemble vacuum pump and top up with oil (Medium: THZ 46 oil, Particle Count: 18/16/13 ISO 4406, Water Content: less than 100ppm, Supply analysis report)	Submit test report for each vacuum pump: <ul style="list-style-type: none"><li>• Clearance checksheets</li><li>• Performance test reports</li></ul> Vacuum Pressure to be: <15 KPa (abs)	Witness	Contractor
9 Test run the vacuum pumps after repairs against its design performance in accordance with the recommended standard		Hold	Contractor
10 Preserve and protect the Seal Oil Vacuum Pumps before delivery	Pump to be delivered with hard copies of reports mentioned above.		Contractor

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 6 of 13
--------------------------	---------------------	------------------	--------------

**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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/015527/30

	<b>MATLA POWER STATION</b>		<b>Document Identifier</b> 14593	<b>Rev</b> 7
	<b>SCOPE OF WORK</b>		<b>Effective Date</b> October 2024	
			<b>Review Date</b> October 2027	

	SCOPE OF WORK DESCRIPTION / ACTIVITY Supply of Vacuum Pumps and Spares Scope	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1	Supply seal oil vacuum pumps with material number <b>0245982</b> to replace not fit for use pumps <ul style="list-style-type: none"> <li>• Replacement Quantity over 5 years: 24</li> <li>• QCP to be approved for each pump</li> </ul> Each pump to be tested in accordance with the recommended standard	PUMP: TYPE: PVR VACUUM; CAPACITY: 105 M3/HR; RATING: 0.5 MBAR; DRIVER: ELECTRIC MOTOR 380 V 3 PH; MODEL NO: EU 105; AIR COOLED VIA INTEGRAL PRESSURIZED FAN COOLING; BUILT IN EXHAUST MIST FILTER TO ELIMINATE OIL FUMES IN THE WORKING ENVIRONMENT	Hold	Contractor
2	<b>0602557</b> DISC: VALVE; ID 10.5 X OD 37 X THK 2.1 MM QTY Over 5 years: 6	DISC: TYPE: VALVE; DIMENSIONS: ID 10.5 X OD 37 X THK 2.1 MM; MATERIAL: RUBBER; FOR A PVR EU 105/B VACUUM PUMP WITH SERIAL NUMBER IT1246N034 AND YEAR 2013; ELECTRIC MOTOR SPECS IS 3 PHASE; 380 VOLT; 50 HZ; 2.2 KW; REFER TO THE PVR VACUUM PUMPS EU105-EU105B EXPLODED VIEW AND PARTS LIST FOR THE REFERENCE TO THE PART	Hold	Contractor

<b>Reference No:</b> MET-054208	<b>Reference Rev No:</b> 0	<b>Date:</b> 08/06/2026	<b>Page</b> 7 of 13
---------------------------------	----------------------------	-------------------------	---------------------

### 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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No. 2002/015527/30



MATLA POWER STATION  
SCOPE OF WORK

Document Identifier	14593	Rev	7
Effective Date	October 2024		
Review Date	October 2027		

3	<b>06025556</b> HUB: VACUUM PUMP; OD 130 X THK 11.2 MM; AL QTY Over 5 years: 6	HUB: TYPE: VACUUM PUMP; DIMENSIONS: OD 130 X THK 11.2 MM; MATERIAL: ALUMINIUM; WITH 90 DIA EXTRUSION WHICH IS 7 MM HIGH; CENTRE HOLE 41 MM DIA; FAN HUB FOR PVR EU105/B VACUUM PUMP WITH SERIAL NUMBER IT1246N034 AND YEAR 2013; ELECTRIC MOTOR SPECIFICATION IS 3 PHASE 380 VOLT; 50 HZ; 2.2 KW; REFER TO THE PVR VACUUM PUMPS EU105-EU105B EXPLODED VIEW AND PART LIST FOR THE REFERENCE TO THE PART; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE). KIT, PUMP REPAIR: TYPE: SEAL OIL SYSTEM; APPLICATION: VACUUM PUMP; COMPRISING: (1) BODY OF PUMP SPACER GASKET POS 18; (2) INLET GASKET POS 74; (2) LOWER TANK COVER GASKET POS 35; (1) SPACER TANK GASKET POS 26; (2) UPPER TANK COVER GASKET POS 38; MODEL NO: EU105/B;	Hold	Contractor
4	<b>05995566</b> KIT PMP REPR: SEAL OIL SYSTEM; VACUUM PUMP QTY Over 5 years: 30		Hold	Contractor

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 8 of 13
--------------------------	---------------------	------------------	--------------

**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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/015527/30



**MATLA POWER STATION**  
**SCOPE OF WORK**

<b>Document Identifier</b>	<b>14593</b>	<b>Rev</b>	<b>7</b>
<b>Effective Date</b>	<b>October 2024</b>		
<b>Review Date</b>	<b>October 2027</b>		

		QUANTITY OF PUMPS ON PLANT 6; YEAR 2013; SERIAL NUMBERS IT1246N034; ELECTRIC MOTOR SPECS 3 PHASE; 380V; 50 HZ; 2.2KW; 1 OFF OIL SIGHT GLASS PART NUMBER: NU 42		
5	0597793 KIT:SEAL OIL SYSTEM;VACUUM PUMP QTY Over 5 years: 120	KIT: TYPE: SEAL OIL SYSTEM; APPLICATION: VACUUM PUMP; REPAIR KIT CONSISTS OF THE VARIOUS ITEMS IN THE ATTACHED TABLE; THE REPAIR KIT SHOULD COMPRISE: 1 OFF LR 25X30X30 RING (POS 6); 2 OFF BABSL 30X40X7 SEAL RING(POS 9); 2 OFF 4562 0-RING(POS 14); 1 OFF EXHAUST FILTER(POS 47); 3 OFF VAINS(POS 8); 1 OFF 1/4 INCH G FITTING; NON RETURN VALVE(POS 20); 1 OFF SILENCER(POS 21); 1 OFF KTR28 ELASTIC COUPLING INSERT(POS 17); 1 OFF 42X52 SPACE WASHER(POS 11); PART NUMBER DEFINED IN THE PVR VACUUM PUMPS; EU 105-EU105/B EXPLODED VIEW AND SPARE PARTS LIST	Hold	Contractor

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 9 of 13
--------------------------	---------------------	------------------	--------------

**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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/015527/30





**MATLA POWER STATION**  
**SCOPE OF WORK**

Document Identifier	14593	Rev	7
Effective Date	October 2024		
Review Date	October 2027		

SCOPE COMPILATION REFERENCES			
SOURCE & Ref No.	Yes	No	Comments
Previous outage service reports	x		
Return to service data packages		x	
Maintenance Strategy with Rev number	x		
SAP defects (attach list as appendix)		x	
GHRMS (STEP) reports (Generation Heat Rate Management System)			x
Online Condition Monitoring	x		
Pre-outage performance test results	x		
Post outage performance test results	x		
GPSS/ Plant Performance data on UCLF incurred		x	
OMS / IIRMS recommendations (Audits Reports)			x
Risk controls (IRM system)			x
Previous audits and reviews (e.g. ERAP)			x
Engineering Change Requests (Projects)			x

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 11 of 13
--------------------------	---------------------	------------------	---------------

**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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No. 2002/015527/30



# MATLA POWER STATION SCOPE OF WORK

Document Identifier	14593	Rev	7
Effective Date	October 2024		
Review Date	October 2027		

LOPP strategy reports				X	
URS				X	
Philosophy (Outage)		X			
Condition Monitoring Report		X			
VA/PHD Viewer trends				X	
Corrective Actions		X			
CARAB reports				X	
Statutory Requirements				X	
Grid code requirements				X	
Waivers and Exemptions				X	
Calibration requirements				X	
Previous Outage SOW variations				X	
Post Mortems Actions from previous outages		X			
Pre-Outage plant walks			X		
Risk based inspection (RBI) report				X	
Simulation, TOIs, OON, SI				X	

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 12 of 13
--------------------------	---------------------	------------------	---------------

### 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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No 2002/015527/30

	<b>MATLA POWER STATION</b>  <b>SCOPE OF WORK</b>		Document Identifier	14593	Rev	7
			Effective Date	October 2024		
			Review Date	October 2027		

**COMMENTS**

N/A

**ATTACHMENTS: DRAWINGS, SKETCHES, DIAGRAMS, INSTRUCTIONS, etc**

1	N/A
2	
3	

Reference No: MET-054208	Reference Rev No: 0	Date: 08/06/2026	Page 13 of 13
--------------------------	---------------------	------------------	---------------

**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 in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd. © copyright Eskom Holdings SOC Ltd. Reg No. 2002/015527/30

