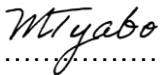
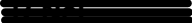
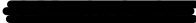


	Generic Scope of Work	Matimba Power Station
---	------------------------------	------------------------------

Title: Manufacturing, Procuring and Supply of the Tube sheets, Seamless Tubes & Ceramic Wear Sleeves Tubes for Tubular Air Heaters for Matimba Power Station.	Unique Identifier:	PN/170/002
	Alternative Reference Number:	N/A
	Area of Applicability:	Engineering
	Documentation Type:	Scope of Work
	Revision:	2
	Total Pages:	5
	Next Review Date:	N/A
	Disclosure Classification:	CONTROLLED DISCLOSURE

Compiled by	Functional Responsibility	Authorised by
		
		
System Engineer	Boiler Engineering Manager	Engineering Manager
Date: 2026/05/11.....	Date: 2025/05/11.....	Date: 2026/05/11.....

CONTENTS

	Page
1. INTRODUCTION.....	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.1.1 Purpose.....	3
2.1.2 Applicability	3
2.2 NORMATIVE/INFORMATIVE REFERENCES.....	3
2.2.1 Normative.....	3
2.2.2 Informative	3
2.3 DEFINITIONS	3
2.3.1 Disclosure Classification	3
2.4 ABBREVIATIONS	3
2.5 ROLES AND RESPONSIBILITIES.....	4
2.6 PROCESS FOR MONITORING.....	4
2.7 RELATED/SUPPORTING DOCUMENTS.....	4
3. DETAILED SCOPE.....	4
3.1 MANUFACTURING AND SUPPLY	4
3.1.1 Transport, Storage and Preservation	5
3.2 QUALITY REQUIREMENTS.....	5
4. AUTHORISATION	5
5. REVISIONS.....	5
6. DEVELOPMENT TEAM.....	5
7. ACKNOWLEDGEMENTS.....	5

CONTROLLED DISCLOSURE

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

1. INTRODUCTION

Unit 4 of Matimba Power Station planned Outage (IR) is projected to start in October/November 2026, the Scope of Work to refurbish the Tubular Air Heater (TAH) will form part of the overall Outage works.

The lead time (estimated at three (3) months) after procuring **Tubes and Plates** for Tubular Air Heater was identified to be the main impacting factor to complete the Scope for TAH refurbishment putting Outage dates at risk.

2. SUPPORTING CLAUSES

2.1 SCOPE

The document covers the scope of work for manufacturing, procuring and supply of Plates & Tubes.

2.1.1 Purpose

The purpose of this document is to outline the detailed scope of work for manufacturing, procuring and supply of Plates & Tubes for Tubular Air Heater at Matimba Power Station.

2.1.2 Applicability

This document shall apply to Tubular Air Heaters at Matimba Power Station for Unit 4.

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] ISO 9001 Quality Management Systems.
- [2] Occupational Health and Safety Act (Act 85 of 1993) with applicable standards and regulations.
- [3] 32-95 OHS Incident Management Procedure Rev 9.
- [4] 32-421 Eskom Life Saving Rules.
- [5] 32-136 Contractor Health and Safety Requirements.
- [6] 32-727 Eskom Safety, Health, Environmental and Quality (SHEQ) Policy.

2.2.2 Informative

- [7] Best Practice Guidelines (relevant & applicable).

2.3 DEFINITIONS

2.3.1 Disclosure Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
AIA	Approved Inspection Authority
ID	Inner diameter

CONTROLLED DISCLOSURE

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

IR	Interim Repairs
ITP/QCP	Inspection and Testing Plan/Quality Control Procedure/Plan
N/A	Not Applicable
OD	Outer diameter
SOW	Scope Of Work
TAH	Tubular Air Heater

2.5 ROLES AND RESPONSIBILITIES

Person	Responsibility
Contractor	The Contractor shall be responsible for (but not limited to) manufacturing, supply and delivering of the product.
Engineering Partitioner	The Engineering Partitioner shall be responsible for the development, clarification of SOW, inspection during manufacturing and preservation (as per QCP) and document reviewing.
Quality Officer	Quality Officer shall be responsible for inspection during manufacturing and preservation and document reviewing.
Site Storeman	The Site Store man shall be responsible for storing, continual perseveration, issuing of Tubes and Plates to the Contractor (for refurbishment of Tubular Air Heater).

2.6 PROCESS FOR MONITORING

N/A.

2.7 RELATED/SUPPORTING DOCUMENTS

Not applicable

3. DETAILED SCOPE

3.1 MANUFACTURING AND SUPPLY

- Manufacturer 20 000 off seamless tubes, length of 12.5m, OD of 48.3mm and ID of 42.5mm. Material details: EN 10216-2 P235GH
- Tubes to be annealed for 300mm at both ends and weldment to be cleaned off.
- Manufacture 2 off plates, length of 18.5m, width of 2.3m and thickness of 25mm. Material details: EN10025 S355.
- Manufacture 2 off plates, length of 18.5m, width of 2.3m and thickness of 50mm. Material details: EN10025 S355.
- Manufacture and supply 2 x 8856 ceramic wear sleeves. Wear sleeves are to be for tube internal with an approximate length of 200 mm. Side flare length and clearance between tube and sleeve to be determined prior to work. Provide detailed manufacturing drawing for ceramic wear sleeves.
- Apply wear coating on the plates, coating of Chesterton ARC S7 AR composite coating, total dry film thickness to be provided prior to work.

CONTROLLED DISCLOSURE

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

3.1.1 Transport, Storage and Preservation

- a) Transport Tubes & Plates to Matimba Power Station in Lephalale,
- b) Advice on the storage conditions, such as temperature.
- c) Advice and compile a preservation method.
- d) Clearly mark/indicate the weight for Off-loading purposes.

3.2 QUALITY REQUIREMENTS

- a) Develop manufacturing QCP's (one for Tubes and the other for Plates) and issue to Eskom (Matimba Power Station) for review and approval, include columns for Eskom Engineering and Quality (Eskom will fill in their intervention points).
- b) Issue ALL documentation applicable during manufacturing e.g. material certificates, drawings, etc...

4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
[REDACTED]	Senior Engineer Prof Engineering
[REDACTED]	Manager Discipline Contract
[REDACTED]	Learner Intern Grad Non E
[REDACTED]	Senior Supervisor Technical Commissioning
[REDACTED]	Senior Supervisor Technical Maintenance
[REDACTED]	Chief Engineer Prof Engineering
[REDACTED]	Middle Manager Project Engineering

5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2026	0.1	[REDACTED]	Draft for review
Apr 2026	1	[REDACTED]	Final draft for authorisation

6. DEVELOPMENT TEAM

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

- [REDACTED]
- [REDACTED]

7. ACKNOWLEDGEMENTS

- N/A

CONTROLLED DISCLOSURE

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