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**Compiled by**

**Functional Responsibility**

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## **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.....	3
2.3 Definitions .....	3
2.4 Abbreviations .....	4
2.5 Roles and Responsibilities .....	4
2.6 Process for Monitoring.....	4
2.7 Related/Supporting Documents.....	4
3. FGD Ball Mill Clutch Coupling supply Scope of Work .....	4
4. Acceptance.....	5
5. Revisions.....	5
6. Development Team .....	5
7. Acknowledgements .....	5

### **CONTROLLED DISCLOSURE**

## 1. Introduction

This document serves as the SOW for the supply of the FGD Ball Mill Clutch Coupling.

## 2. Supporting Clauses

### 2.1 Scope

#### 2.1.1 Purpose

#### 2.1.2 Applicability

This document shall be applicable to Kusile Power Station.

#### 2.1.3 Effective date

Effective from date of signature

### 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

#### 2.2.2 Informative

[2] I00009-03878241160100-PRMAN-0001-001-A-WFGD Operation Manual \_Section 1 – 3

[3] 240-82869282 Kusile Power Station - Maintenance Execution Strategy for the FGD Unitised Plant Rev.4

[4] 240-76266970 Kusile Power Station – Maintenance Execution strategy for the FGD Reagent Preparation Plant Rev.4

[5] I00009-01703241170300-MEDES-3022-E1-Ball Mill - P&ID - Reagent preparation system (line 2)

[6] I00009-01703241170300-MEDES-2122-B1-Ball Mill - Maintenance activities list (Alstom form filled-in) - Reagent preparation system

### 2.3 Definitions

	Definitions
Ball Mill	The ball mill subsystem prepares the limestone for the absorber through converting limestone gravel into limestone reagent slurry

### CONTROLLED DISCLOSURE

## 2.4 Abbreviations

Abbreviation	Explanation
BOP	Balance of Plant
DWTR/LMSTN	Dewatering/ Limestone
FA	Fly Ash
FGD	Flue Gas Desulphurisation
QCP	Quality Control Plan
SOW	Scope of Work

## 2.5 Roles and Responsibilities

2.5.1 Engineering & Maintenance- Draw up the SOW and submit to Material Management

2.5.2 Material Management- Issue the SOW to the contractor(s)

2.5.3 Contractor- Execute the SOW to the required standard.

## 2.6 Process for Monitoring

N/A

## 2.7 Related/Supporting Documents

N/A

## 3. FGD Ball Mill Clutch Coupling supply Scope of Work

The contractor to supply FGD Ball Mill Clutch Coupling as per quantities below.

Description	Eskom Material Number
Clutch coupling	717093
Item	Quantity
Ball mill Clutch Coupling	4

The FGD Ball Mill Clutch Coupling should have the following critical characteristics

	Specification
Clutch Coupling	CLUTCH: TYPE: COUPLING; BORE: 10 IN; DRAWING NO: I00009-01703244601401-MEDS-1185-B; REFERENCE NO: 6-42-300-300-0; STANDARD VENTILATED: SV342; SERIAL NO: 870408; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

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#### 4. Acceptance

This document has been seen and accepted by:

Name	Designation
Sibusiso Vezi	FGD BOP Maintenance Management
Mandla Nxumalo	FGD Maintenance
Thando Mbulawa	Auxiliary Engineering manager
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Amander Mngomezulu	Material management

#### 5. Revisions

Date	Rev.	Compiler	Remarks
October 2022	0	Hlono Malatsi	First Issue

#### 6. Development Team

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

- Hlono Malatsi

#### 7. Acknowledgements

N/A

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