

	Scope of Work	Technology
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Title:	Scope of work to supply and deliver (7 off) Main Turbine Radial Piston Air Motors (Cleco Type MKS392M) used at Kriel Power Station.	Unique Identifier:	TPE 003
		Alternative Reference Number:	N/A
		Area of Applicability:	Engineering
		Documentation Type:	Scope of work
		Revision:	0
		Total Pages:	5
		Next Review Date:	N/A
		Disclosure Classification:	CONTROLLED DISCLOSURE


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1. INTRODUCTION

Kriel Power Station uses Cleco type MKS392M radial air piston motors for turbine barring purposes. The air motor provides torque to turn the main turbine train during overhauls and whenever air barring is required.

2. SUPPORTING CLAUSES

2.1 SCOPE

The document covers the scope of work to supply and deliver (7 off) Cleco type MKS392M radial piston air motors used at Kriel Power Station.

2.1.1 Purpose

The purpose of the document is to provide scope of work to supply and deliver Cleco type MKS392M radial piston air motors used at Kriel Power Station.

2.1.2 Applicability

This document shall apply to Kriel 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] OHS Act 85 of 1993: Occupational Health and Safety Act, 85 of 1993.
- [2] 240-105658000: Supplier Quality Management: Specification.
- [3] OPR 3305: Plant Safety Regulations.
- [4] SANS ISO 9000: SANS Quality Standards.
- [5] 32-136: Contractor Health and Safety Requirements.

2.2.2 Informative

- [12] BBC Main Turbine manual B: Air motor (Auxiliary drive).

2.3 DEFINITIONS

Definition	Description

2.3.1 Disclosure Classification

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

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2.4 ABBREVIATIONS

Abbreviation	Description
QCP	Quality control plan
QA	Quality assurance

3. SCOPE OF WORK

3.1 REQUIREMENTS

- 3.1.1 The Contractor shall supply and deliver seven Cleco air motors, model MKS392M, serial number G16330 to Kriel Power Station.
- 3.1.2 The Contractor shall have assembly QCP's for radial piston motors.
- 3.1.3 The Contractor shall be ISO9001 compliant.
- 3.1.4 The Contractor shall be able to supply datasheets for the motors.
- 3.1.5 The Contractor shall provide maintenance and operating manuals for the air motors.
- 3.1.6 The Contractor shall package the air motors in wooden crates and transport together with QA package to Kriel Power Station stores.

3.2 RECORDS

- 3.2.1 QCP.
- 3.2.2 Maintenance manual.
- 3.2.3 Operating manual.

4. AUTHORISATION

This document has been seen and accepted by:

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5. REVISIONS

Date	Rev.	Compiler	Remarks
June 2022	0	Fulufhelo Mariba	Scope of work for supply and delivery of air barring motors

6. DEVELOPMENT TEAM

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

Fulufhelo Mariba

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7. ACKNOWLEDGEMENTS

None.

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