

	Scope Of Work	Hendrina Power Station
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Title: Hendrina Main Distribution Chutes Platforms	Unique Identifier: 380-137302
	Alternative Reference Number: N/A
	Area of Applicability: Engineering
	Documentation Type: Specification
	Revision: 0
	Total Pages: 6
	Next Review Date: June 2025
	Disclosure Classification: CONTROLLED DISCLOSURE

Compiled by	Functional Responsibility	Authorised by
.....
Date:	Date:	Date:

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1. INTRODUCTION

Hendrina power station experiences blockages on the main distribution chutes splitter box when coal is wet. This prevents coal from reaching the bunkers since coal flow is interrupted therefore posing risk of coal shortage to the running units. The multi chutes at the head end of the incline conveyors were installed during 2017 but the unavailability of inspection doors and landing platform creates delays to recover the plant when blockages are experienced. The inspection doors design was done by CoE and was installed in 2019 by Welding and Fabrication department. Therefore, this request is for the landing platform to be installed to ease access to the inspection doors.

2. SUPPORTING CLAUSES

2.1 SCOPE.

HIGH LEVEL SCOPE: Description of the work

The Contractor design, produce drawing and fabricates the landing platform as per approved manufacturing drawing

- The Contractor does site establishment.
- The Contractor cuts and do the connection to existing structures.
- The Contractor Installs the landing platform on the main distribution chutes on the North side and South side.
- The Contractor does de-establishment.
- The Contractor Handover the project to the client.

Works Information:

- Site establishment.
- Verify Employer's Design and Measurements on site:
 - Design is Based on SANS0162-3 and to be accepted by Eskom Engineer - Typical Pin ended-Beam Design with handrail system;
 - DESIGN NOTES: Design Based on;
- A man size of 200kg's.
- Galvanised Steel Member.
- Maximum beam span
- Cut and fit to existing structure.
- Supply and Install Steel Structures as per provided specifications.
- Permits: Plant Safety Regulation; Working at Heights and Hot-Works.
- Barricading/Access prevention.
- Join the New Access Platforms to the Existing Beams.
- Make Good all Joints and Cuttings and cote the finishes (protect from rusting).
- Paint platform and vertical stanchions with black enamel paint and horizontal handrails pipes with golden yellow enamel paint.
- Handover to the client.

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2.1.1 Purpose

The purpose of this document is to provide the high-level specification of the main distribution chutes platforms.

2.1.2 Applicability

This document shall apply to Eskom Hendrina Power Station Civil Engineering

2.2 NORMATIVE/INFORMATIVE REFERENCES

2.2.1 Normative

[1] ISO 9001 Quality Management Systems.

2.2.2 Informative

[2] Occupational Health and Safety Act (OHSA) Act 85 of 1993

2.3 DEFINITIONS

N/A

2.3.1 Disclosure Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CoE	Centre of Excellent
SANS	South African National Standards

2.5 ROLES AND RESPONSIBILITIES

2.6 PROCESS FOR MONITORING

Not applicable

2.7 RELATED/SUPPORTING DOCUMENTS

- [3] Not 380-HEN-BDDD-D00185-2 Hendrina Main Distribution Chutes Concept Design report rev 1
- [4] 380-HEN-AABB-D00139-28 Hendrina Main Distribution Chute Detail Design Rev 1
- [5] Assessment for physical and structural fitment final report
- [6] Hendrina Main Distribution Chutes ROC rev1
- [7] Main Distribution Chutes ERA rev1
- [8] Coal Plant Boiler Bunkers Distribution Chutes working platforms General Arrangement
- [9] Coal Plant Boiler Bunkers Distribution Chutes working platforms details

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3. SYSTEM REQUIREMENTS

3.1 MAIN DISTRIBUTION CHUTES REQUIREMENTS

The contractor is responsible to ensure that they are responding to the latest revised drawings for the system.

4. STANDARD SPECIFICATIONS

The latest edition, including all amendments up to date of tender of the following specifications, publications and codes of practice shall be read in conjunction with this specification and shall be deemed to form part thereof:

Specification of Materials and Methods:

SABS 1431 or 350 WA or as quoted

SABS 044 Welding standard

5. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation

6. REVISIONS

Date	Rev.	Compiler	Remarks
June 2025	0		Initial Document

7. DEVELOPMENT TEAM

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

8. ACKNOWLEDGEMENTS

N/A

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APPENDIX A: ADDITIONAL DOCUMENTATION

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