



Scope Of Work

**Hendrina Power
Station**

Title **Switchgear rooms roof
rubberizing**

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NGHE0594

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N/A

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Engineering

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2.6 PROCESS FOR MONITORING

Not applicable

2.7 RELATED/SUPPORTING DOCUMENTS

Not applicable

3. SYSTEM REQUIREMENTS

3.1 SWITCHGEAR ROOMS REQUIREMENTS

The switchgear rooms are in every unit in the boiler plant. Out of six units that are operable in Hendrina Power Stations, two of them were rubberized under maintenance budget. Switchgear rooms for unit 2, 6, 7 and 10 including north and south side substations will be covered under this scope.

3.1.1 The high-level project scope is as follows:

- The scope of work includes but not limited to the following

Units to be covered are,

Unit 2 = 172 m², Unit 6 = 263 m², Unit 7 = 168 m², Unit 10 = 184 m², North sub-station = 320 m², South sub-station = 240 m²

Total area to be covered is 1347 m²

Site establishment

Remove dust and mud on the roof for waterproofing preparation

Dismantle obstacles (platforms, handrails, and cable racks)

Clean and seal the identified cracks

Screed on slab for roof falls

Prime surface with deep penetrating primer water based

Apply a component, water-based hybrid polyurethane specially developed to produce a thick, seamless, fully adhered, durable, elastic waterproof coating

Reassemble obstacles (platform, handrails, and cable rack)

Site De-establishment

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

SANS 1200 GA -Concrete (small works)

SANS 1200 GB -Concrete (ordinary buildings)

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5. AUTHORISATION

This document has been seen and accepted by

Name & Surname	Designation

6. REVISIONS

Date	Rev.	Compiler	Remarks
			Initial Document

7. DEVELOPMENT TEAM

The following people were involved in the development of this document

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8. ACKNOWLEDGEMENTS

N/A

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APPENDIX A: ADDITIONAL DOCUMENTATION