

BOTSWANA POWER CORPORATION
CONCRETE POLES FOR 11KV AND 33KV

SECTION 2/C-CONCRETE POLES REV 0

December 2018

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1 SCOPE

The following BPC Stock Items shall comply with this specification:

Concrete pole	7m	4kN
Concrete pole	9m	7kN
Concrete pole	11m	8kN
Concrete pole	13m	10kN

2 STANDARDS/SPECIFICATION

The concrete poles shall comply with the following standards or equivalent:

SANS 470: Concrete Poles for Telephone, Power and Lighting purposes

NRS 038 - 1: Part 1: Concrete Poles for LV and MV overhead distribution systems

3 GENERAL INFORMATION

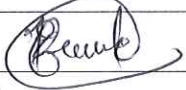
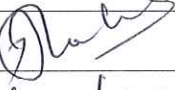
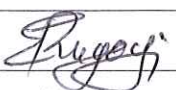
CONSTRUCTION

The concrete poles shall be of reinforced and prestressed type. Minimum concrete strength shall be designed to be 50Mpa.

The ratings for load applied to major axis shall be as specified in section 1 above

Earthing ferrules (stainless steel) shall be provided on all poles.

Holes and recesses on the poles shall be formed during manufacture.

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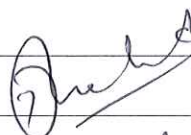
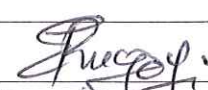


4 INFORMATION TO BE SUBMITTED WITH TENDER

- Outlined drawings
- Type tests certificates
- Routine tests results to be supplied during delivery showing compliance with appropriate IEC, BS, SANS or equivalent standard
- Where an equivalent standard(s) is used, a copy of that standard(s) shall be submitted with the tender document
- For first time suppliers to Botswana Power Corporation, Factory acceptance tests and inspections are required before the delivery of the first batch. These tests shall be witnessed by two technical representatives from BPC. Additional charges for travelling, accommodation, meals, testing, etc. shall be borne by the supplier.

5 REVISION HISTORY

DATE	REV #	CLAUSE	REMARKS

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