

AUSTIN ENERGY
PURCHASE SPECIFICATION
FOR
CAP, INSULATING RECEPTACLE, FOR LOAD BREAK BUSHING, 8.3-14.4KV, 95KV BIL

<u>Date</u>	<u>Prepared by</u>	<u>Issuance/Revision</u>	<u>Department Approval</u> <u>Division Manager/Standards Manager</u>
9/14/82		Issuance	

This specification, until revised or rescinded, shall apply to each future purchase and contract for the commodity described herein. Retain for future reference.

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1.0 SCOPE AND CLASSIFICATION

- 1.1 The items to be purchased under these specifications shall be insulating receptacle or cap for load break bushing.
- 1.2 No deviation from these specifications on the part of the bidder will be allowed.
- 1.3 Any item supplied under these specifications not in complete compliance with these specifications shall be unacceptable.

2.0 APPLICABLE SPECIFICATIONS

- 2.1 None

3.0 FUNCTIONAL REQUIREMENTS

- 3.1 Insulating caps supplied under these specifications shall be for use on load break bushings, feed thru accessories, and parking bushings.

4.0 PHYSICAL REQUIREMENTS

- 4.1 Voltage - Insulating cap shall be rated 8.3/14.4 KV.
- 4.2 BIL shall be a minimum of 95 KV.
- 4.3 Corona extinction voltage shall be 11 KV.
- 4.4 The AC 60 cycle one minute withstand voltage shall be a minimum of 34 KV.

4.5 The DC 15 minute withstand voltage shall be a minimum of 53 KV.

4.6 Insulating receptacle probe shall be made of brass or copper.

4.7 Insulating receptacle shall be provided with a ground strap.

5.0 GENERAL REQUIREMENTS

5.1 Each insulating receptacle shall be marked on the outside in such away that it may be readily identified as an insulating receptacle.