

TECHNICAL SPECIFICATION FOR THE LT GUY INSULATORS

1. SCOPE:- The specification provides for the manufacture, testing at manufacturer's works, before despatch, supply and delivery of L.T. Guy Insulators as per "Schedule of Requirements" attached .

2. STANDARDS: The LT Guy Insulators shall conform in all respects to the Indian standards I.S 5300 (the latest issue). The tenderer shall go through the above IS carefully before making his offer.

3. GENERAL REQUIREMENT:- The porcelain shall be sound, free from defects thoroughly vitrified and smoothly glazed the glaze shall be brown in colour. The design of Insulator should be such that, stresses due to expansion or and contraction in any part of the insulator shall not lead to its deterioration.

4. TYPE AND DIMENSIONS:- The Guy Insulators shall be of as per Fig.1 designation 'A' of the I.S 5300 (the latest issue).

5. TESTS & TEST CERTIFICATES:- The tests shall be carried out as per the relevant IS before dispatch and the Test Certificates shall be furnished for approval. Type Test Certificates showing the results of Type Tests on identical materials as per relevant I.S.S. shall be invariably accompany the tender.

6. MARKING: The Insulators shall be legibly and indelibly marked as stipulated in para (6) of the I.S.

- a) Name of trade-mark of the manufacturer.
- b) Month and year of manufacture and.
- c) Country of Manufacture .
- d) "APEPDCL" name shall be in scripted on the insulator similar to the supplier name inscription on insulator

Markings on porcelain shall be printed and shall be applied before firing.

7. GUARANTEED TECHNICAL PARTICULARS:

The technical particulars as specified in the IS shall be guaranteed and a statement of guaranteed and accepted particulars (as per clause 5 of IS) shall be furnished along with the tender, without which, the tender will be liable for rejection.

8. PACKING: Supplies shall be done in wooden crates suitable for rough handling.

9. SAMPLES: Two samples of LT Guy Insulators shall be submitted along with the tender.

GUARANTEED TECHNICAL PARTICULARS OF
FOR LT GUY INSULATORS

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|---|---|---------------------------------------|
| 1. Maker's Name and Company | : | |
| 2. Colour | : | Brown |
| 3. Length | : | |
| 4. Dia meter | : | |
| 5. Hole dia | : | |
| 6. Minimum failing load | : | |
| 7. Creepage distance | : | |
| 8. Dry one minute P.F. with stand voltage | : | |
| 9. Wet one minute P.F. with stand voltage | : | |
| 10. Standard | : | IS 5300 – 1969 with latest amendments |