

(TECHNICAL SPECIFICATION)

TECHNICAL SPECIFICATION FOR HT METER BOX

1. Material of construction of H T Meter box	M.S. Sheet of 16 Guage and shall comply to IS-2062 .
2. Size of box	Height :36"; Width:24"; Depth:18" with 2 louvers for ventilation. Thickness of box shall be min. 1.6mm with inverted 'V' shape top.
3. Door	The box & door should be fixed by concealed hinges with hardware from inside in such manner that it cannot be manipulated from outside.
4. Colour of box	Initially painted with Red Oxide and with two coats of Grey synthetic enamel paint of reputed make such as Asian, Nerolac, Berger etc.,.
5. Entry Hole	Incoming: 1 No. incoming hole, 25 mm dia with GI nipple
6. Pole mounting arrangement	4 Nos. clamps of 50 X 6 mm MS Flat shall be provided for mounting of box..
7. Handles	Suitable handle shall be provided for opening of the box door
8. Earthing bolt	M12 x 30 Bolt with 2 Nos. washers.
9.Sealing Arrangement	The box shall have provision for minimum 2 Nos. seals to make it fully tamper proof.
10. Meter mounting arrangement	Universal type meter mounting arrangement should be provided for mounting any make of HT TVR meter on a transparent polycarbonate sheet of minimum 6mm thickness of length 2 Ft. with sealing bolts on four sides. The sheet shall be raised by min. 4 Inches from base of box.
11. Viewing window	Viewing window of size 10"x10" shall be provided & made of plain or triplex glass for easy reading of meter fixed from inside using metal frame and provided with a M.S. Sheet cover with suitable hinges to pull to outside with handle.
12. Drawing	As per Annexure – 3a

SKETCH OF HT METER BOX

