



SECTION 'A A'  
SCALE = 10:1

1. CONDUCTING COATING SHOULD BE MADE OF SEMICONDUCTOR DIOXIDE OF TIN WITH THE ADDITION OF FLUORINE.
2. SILICATE-SILVER ELECTRODES SHOULD BE APPLIED OVER CONDUCTING COATING ALONG ITS FULL LENGTH. THICKNESS OF ELECTRODES SHOULD BE 0.01 TO 0.03 MM.
3. SHEET WITH ELECTRODES SHOULD BE HARDENED. HARDENING DEGREE SHOULD BE 0.7 N/CM MIN.
4. TIES MCT-1649/2 SHOULD BE GLUED USING CONDUCTING ADHESIVE WITH NICKEL FILLER.
5. LIQUID SUBLAYER PC-4 TY6-05-041-805-83 SHOULD BE APPLIED ON SURFACE 'E' ALONG THE ENTIRE LENGTH OF SHEET.
6. CONDUCTING COATING RESISTANCE SHOULD ENSURE THE FULFILMENT OF NOTE NO.1 OF MCT-1648/1
7. HEATING RATE OF THE SHEET SHOULD BE CHECKED BY THE METHOD OF MELTING THIN LAYER OF PARAFFIN WAX H3 GOST-23683-79, WHICH IS APPLIED ON SURFACE 'F' ON SECTION SPECIFIED BY DIMENSIONS 'G' AND 'D'. WITH THE TEMPERATURE OF SHEET AND THE SURROUNDED AIR ON  $25 \pm 2^\circ \text{C}$ . MELTING TIME OF THE PARAFFIN WAX SHOULD BE WITH IN 45 TO 65 Sec. FROM THE MOMENT ELECTRIC HEATING IS SWITCHED ON. THE SUPPLY VOLTAGE OF HEATING IS TO BE  $23 \pm 0.3 \text{ V}$ . SHOULD BE MEASURED BY VOLTMETER OF ACCURACY CLASS 1.5 HAVING THE SCALE FROM 0 TO 30 V.
8. REST OF THE TECHNICAL REQUIREMENTS ARE AS PER TY-3-3.834-73.

**ORDNANCE FACTORY  
DEHRADUN**

DR. P. P. P.

TR.

CH. *[Signature]*

APPROVED

*[Signature]*  
JWM/DO

*[Signature]*  
WM/MIS

**PERISCOPE A.V., T.N.P.O.- 168B (T-72)**

**HEATING SHEET**

DRG.No.:-

AU 5.944.010 CE

DATE-16-4-99 SCALE- 1:1

MATL TREAT

SEE DET. DRG. SEE DET. DRG.

SHEETS. 1 SHT.NO. 1

AMENDMENTS

OFD/DO/002

DRG.No.:-

MCT-1650