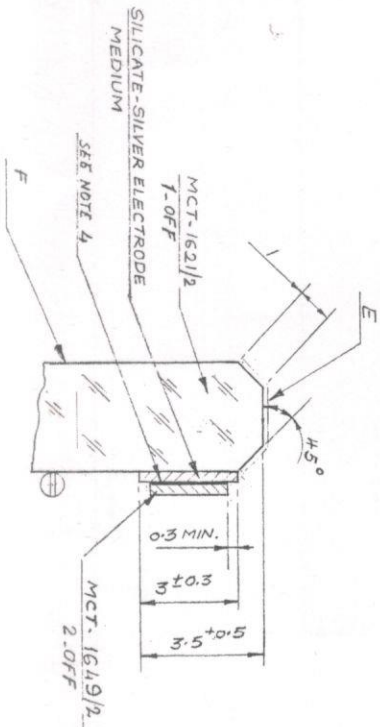


SECTION 'A-A'
SCALE - 10:1

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 IN.
3. SHEET WITH ELECTRODES SHOULD BE HARDENED. HARDENING DEGREE SHOULD BE 07 N/C/M MIN.
4. TIES MCT-1649 1/2 SHOULD BE GLUED USING CONDUCTING ADHESIVE WITH NICKEL FILLER.
5. LIQUID SUB-LAYER PC-74 TY6-05-041-805-83 SHOULD BE APPLIED ON SURFACE 'E' ALONG THE ENTIRE LENGTH OF SHEET.
6. CONDUCTING COATING RESISTANCE SHOULD ENSURE THE FILAMENT 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 ± 2° C. MELTING TIME OF THE PARAFFIN WAX SHOULD BE WITH IN 4.5 TO 6.5 SEC. FROM THE MOMENT ELECTRIC HEATING IS SWITCHED ON. THE SUPPLY VOLTAGE OF HEATING IS TO BE 23 ± 0.3 V. SHOULD BE MEASURED BY VOLT-METER OF ACCURACY CLASS 1.5 HAVING THE SCALE FROM 0 TO 30 V.
8. REST OF THE TECHNICAL REQUIREMENTS ARE AS PER ITV-3-3-834-73.



DR. P. A. RAJ
TR.
CH. APPROVED
JMM/DO
WM/MIS

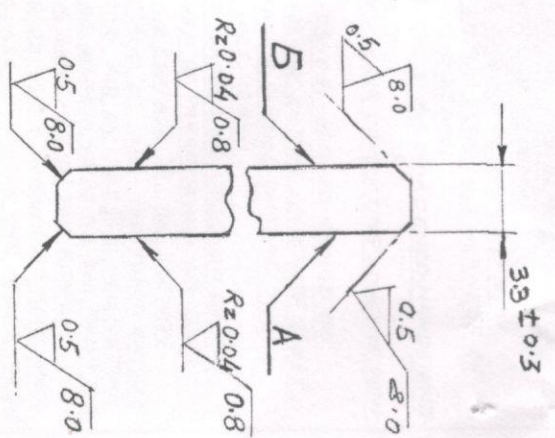
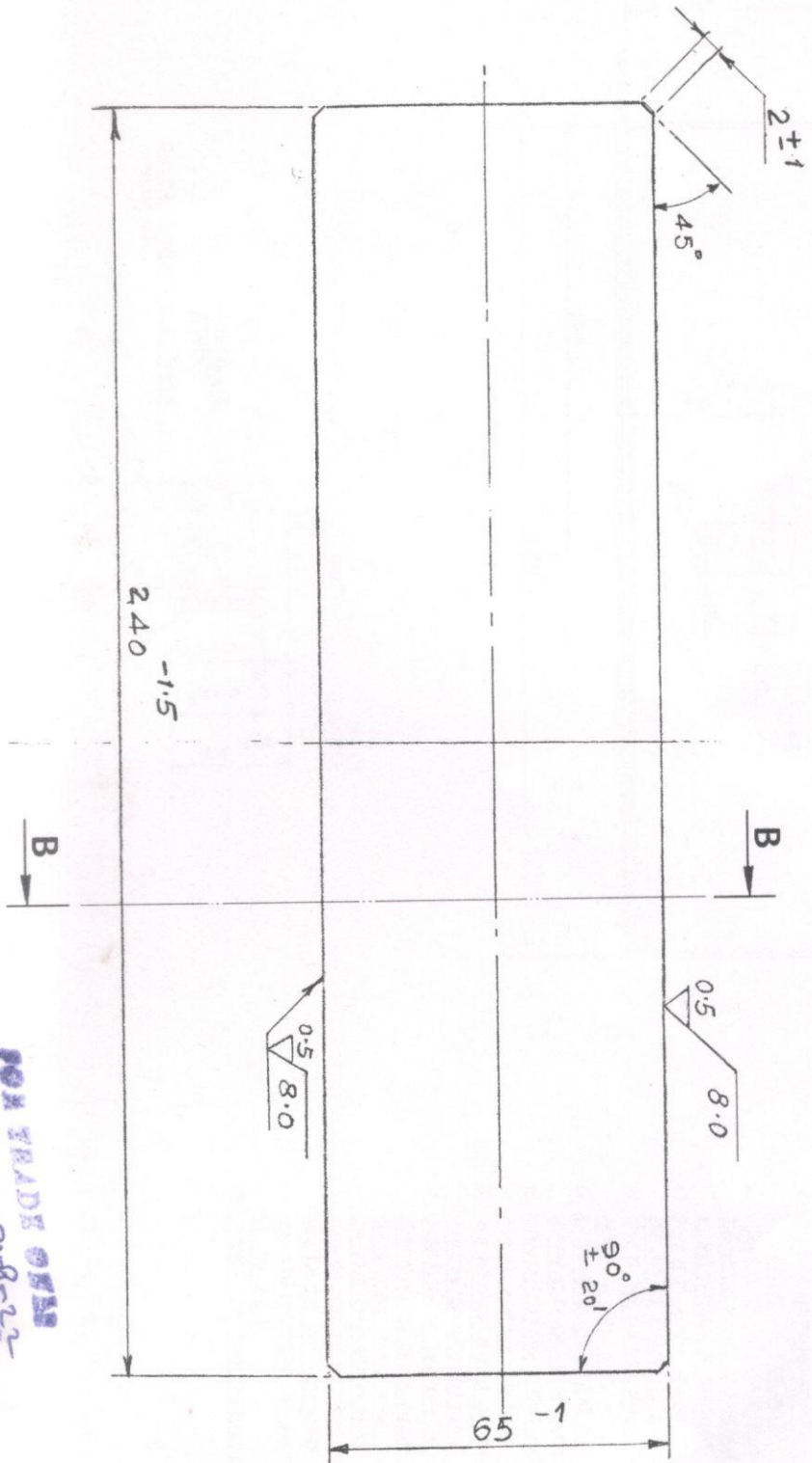
PERISCOPE A.V., T.N.P.O.-1688 (T-72)
HEATING SHEET

DRG. No.:
AU 5,944,010 CE

FOR TRADE ONLY
Date of Issue 30-8-73

DATE - 16-4-99	SCALE - 1:1
MATL	TREAT
SEE DET. DRG.	SEE DET. DRG.
SHEETS. 1	SHTNO. 1
AMENDMENTS	DRG. No.: MCT-1650
OFD/DO/002	

SECTION-B-B.
SCALE:- 4:1



FOR TRADE OFF
Date of Issue: 30-8-22

MATL: GLASS JK 105, GOST 3514 -76.

- 1- UNLESS OTHERWISE SPECIFIED, THE CHAMFERS ON EDGES SHOULD BE 0.5 ± 0.5 X 45°.
- 2- *NONSTRIATION AND OTHER TECHNICAL REQUIREMENTS ARE AS PER TYS-3.834-78.

DIMENSIONS ARE IN M/M

ORDNANCE FACTORY
DEHRADUN

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

DR. *[Signature]*
TR. *[Signature]*
CH. *[Signature]*
APPROVED

JWM/DO. *[Signature]*
WMM/MIS *[Signature]*

DRG.No.: AU 8.640.107

△ Ne	5
△ (In-It)	5
HOMOGENEITY	5
DOUBLE REFRACTION	5
WEAKENING	8
NONSTRIATION	*
BOBBLING	7E
PA, Pb	VII

DT.-06.04.1999	SCALE- 1:1
MATL	TREAT
D.A.No.-07/2016, DT.-11/03/2016	AS ABOVE
D.A.No.-29/2012, DT.-27/12/2012	SHEETS- 1 SHEET No.- 1
AMENDMENTS	DRAWING No.:-
OFD/DO/002	MCT-1621/2