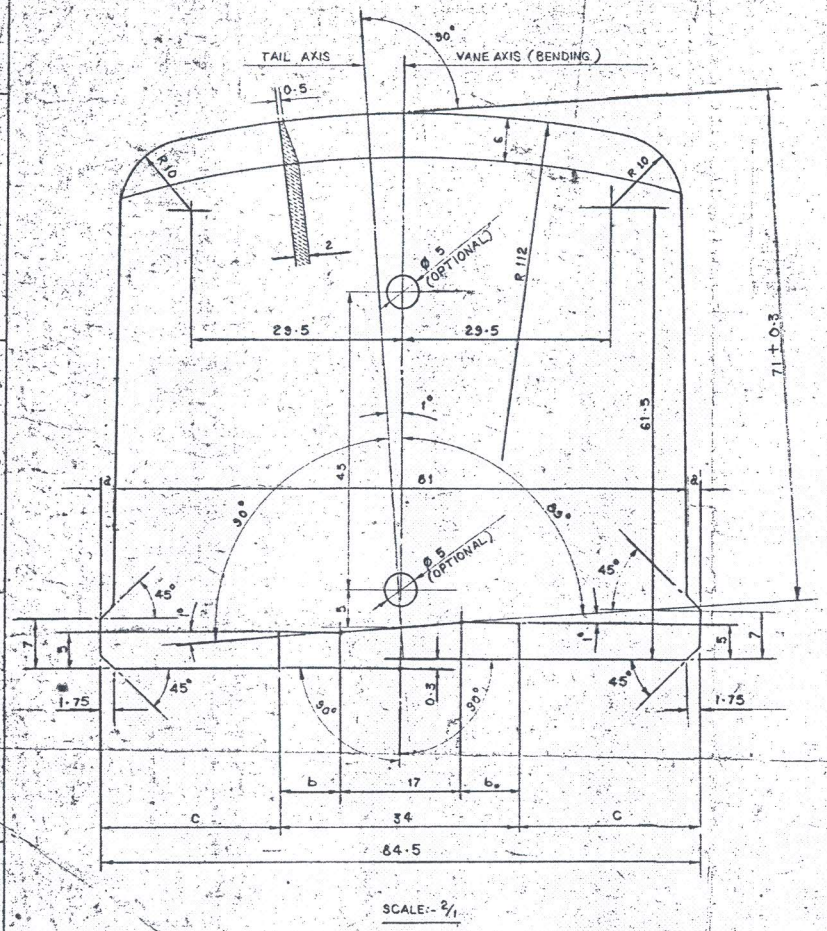
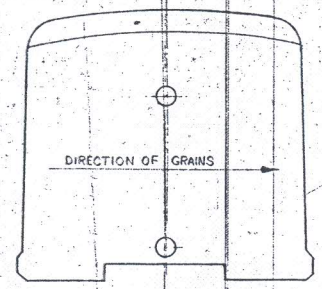
PART No. ITV 46

DRG CONVENTIONS CONFORM TO ISI SPECIFICATIONS
DIMENSIONS ARE IN mm.

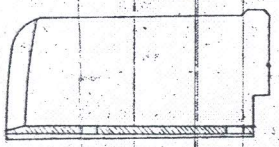
D.C.I. 31729-A



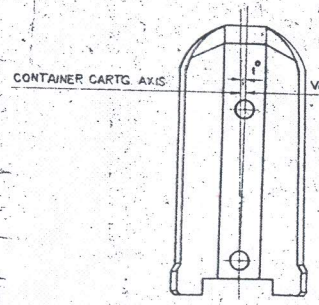
SCALE:- 2/1

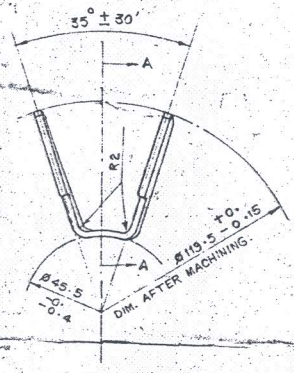


BLANK



SECTION AA
PROFILE





SCALE:- 1/1

NOTES

1) TOLERANCE ON UNTOLERANCED DIMENSIONS ± 0·3 (RADIUS ± 0·5)
2) ANGLES ARE EXAGGERATED ON TRACING FOR EASIER UNDERSTANDING
3) BURS TO BE REMOVED AFTER CUTTING THE BLANKS.

MATERIAL:-
COLD ROLLED BRIGHT ANNEALED 2·0mm THICK STEEL SHEETS MADE FROM KILLED ELECTRIC/OPEN HEARTH STEEL SUITABLE FOR PROJECTION/SPOT WELDING OF THE COMPONENTS WITH FOLLOWING CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES

CHEMICAL COMPOSITION:-
CARBON – 0·20% MAX.
SILICON – 0·20% MAX.
MANGANESE – 0·40 TO 0·65%
PHOSPHOROUS – 0·04% MAX.
SULPHER – 0·05% MAX.
SULPHER + PHOSPHOROUS – 0·1% MAX.

MECHANICAL PROPERTIES:-
UTS – 410 TO 480 MPa.
ELONGATION:
ON 200 mm GL } 19·2% MIN.
COLD FOLDING THROUGH 180° AT 2t DIAMETER (t – THICKNESS) } SATISFACTORY

MATERIAL:-
MATERIAL GRADE 43/35 TO SPECIFICATION BS 1449 Pt I : 83

R No	DATE	ZONE	BRIEF RECORD	AUTHORITY	SIG.	SIG.
	21-9-82		MATERIAL AMENDED	D.C.I. 36851-A		
	20-7-93		DRG FORMAT BOX ENTRIES AMENDED	D.C.I. 35543-A		
	25-9-81		MATERIAL AMENDED	D.C.I. 33219-A		
	16-1-76		TRACED WITHOUT CHANGE			
	28-11-75		DRAWING SEALED	D.C.I. 31729-A.		

TITLE

VALVE

DRN. C.V.P.	CHD. S.D.G.	TRD. M.A.K.	COMP.
PASSED SD/- O/C D.O.		DATE:- 18-9-73	SCALE:- AS ABOVE
APPROVED SD/- FOR C.I.(A.)		GAUGE SCHD:- I-2612	SEALED:- 28-11-75
MATERIAL:- AS ABOVE			
PROTECTIVE FINISH:- SEE ASSY DRG.			
ESTIMATED MASS:- 67g.			

D.S. CAT No. NOT APPLICABLE
ASS DRG. LIST ITV 1 A
AHSP:- C 9 A (A.) KIRKEE

DESIGNER'S REF:
CIA/AMH/1339
DETAILED
PART No.
ITV 46