

FIRST ANGLE PROJECTION

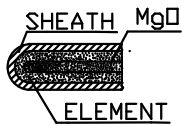
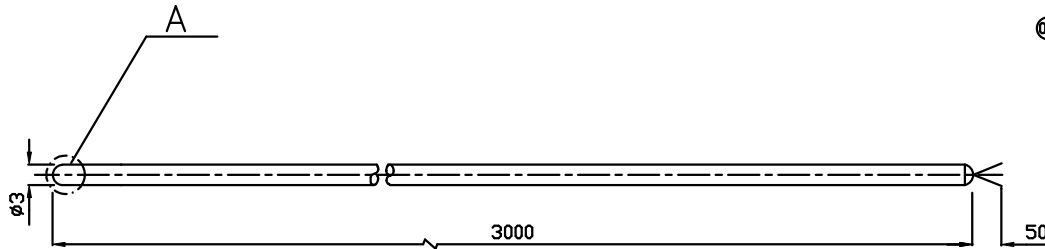
(ALL DIMENSIONS ARE IN mm)

FORM DG38(B)

DRAWING NO. 3 13371 10101

TECHNICAL REQUIREMENTS :-

1. THERMOCOUPLE ELEMENT NICr-NI (ie. CHROMEL-ALUMEL)
- 2.(a) CALIBRATION:- IEC-584 PART-1/IS-2054
(b) TOLERANCE CLASS:- CLASS-1 (IEC-584 PART2)
- ~~3. THERMOCOUPLE WIRE DIA 0.64mm~~
4. NUMBER OF THERMOCOUPLE ELEMENT PAIR 1
5. O.D OF SHEATH 3 mm.
6. MATERIAL OF SHEATH INCONEL (0.5 M.M THICK)
7. INSULATION MgO
8. THERMOCOUPLE HOT JUNCTIONS (MEASURING JUNCTION) UNGROUNDED ie MEASURING JUNCTION INSULATED FROM SHEATH.
9. INSULATION RESISTANCE BETWEEN ELEMENT WIRE AND SHEATH. >1000 M OHM AT ROOM TEMP.(20°C) > 10 M OHM AT 600°C AT 500 V.D.C.
10. MINIMUM BENDING RADIUS 6.4 mm.
11. LEAK TIGHTNESS OF MEASURING JUNCTION SHOULD BE TESTED AT 40 Kg/Cm²



(DETAIL-A)

SUPERSEDES OLD DRAWING UNDER THE SAME NUMBER.

		001	THERMOCOUPLE	3 13371 10101	W90313371024	1	89
VAR.00	REMARKS	ITEM NO.	DESCRIPTION	DRAWING NO.	MATERIAL CODE	UNIT	WEIGHT
					MATERIAL SPECN		

GMS NO./GR SP NO CBDM-1 13371 10100				STATUS OF DRG	
APPROV DEPT.	NAME	SIGN	DATE		
-	-	-	-		

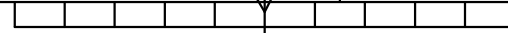
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT
STEAM TURBINE

GRADE OF UNTOL DIM :-
M/CG-C/M/F AA0230208
WELDING-A/B/C/D AA0621104
GAS CUTTING-T3*AA0621101

	BHARAT HEAVY ELECTRICALS LTD.		DRN	NAME	SIGN	DATE	NO. OF VAR.
	HARDWAR		CHD	S.C.VERMA	-Sd-	22.6.92	
			APD	S.K.SHARMA	-Sd-	21.7.92	
				A.ALI	-Sd-	30.9.92	

REV	DATE	ALTERED	J.S.B.	REV	DATE	ALTERED	J.S.B.
04	13/05/05	CHECKED	S.K.S.	03	27/6/00	CHECKED	S.K.S.
TECH. REQ. NO. 3 DELETED AND T.R. 5 CHANGE. CHANGE NO. STE-05-F0096				CHANGE.NO. STE-00-240 DEPOSITED IN AWC SERVER			

DEPT STE		SCALE	WEIGHT (kg)	REF TO ASSY DRG.	TEM NO	NO OF ITEMS
CODE 4011		N.T.S.	1.89	1 13371 10100	001	
TITLE			CARD CODE	DRAWING NO.	REV.	
THERMOCOUPLE				3 13371 10101		
				SHEET NO. 01	NO.OF SHEETS 01	



SIZE A3

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INVENTORY NO. SIGN & DATE REF. DRG. NO.