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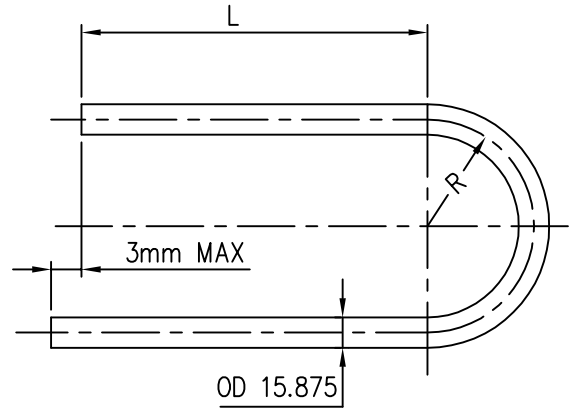
REF. DRG. NO.

FILE NAME
4FO0654.DWG

INVENTORY NO

REV.	DATE	ALTERED		REV.	DATE	ALTERED		REV.	DATE	ALTERED	
		CHD./APPD.				CHD./APPD.				CHD./APPD.	

ROW No.	RADIUS 'R'	DESUPERHEATER FOR HPH-6A & 6B.		
		THK	DEV. L = (in mm.)	QTY
1	31.7	2.6 MIN.	8100	42
2	49.6	2.6 MIN.	8156	46
3	67.5	2.6 MIN.	8212	45
4	85.4	2.5 MIN.	8268	44
5	103.2	2.5 MIN.	8324	45
6	121.1	2.5 MIN.	8380	44
7	139.0	2.5 MIN.	8437	43
8	156.9	2.5 MIN.	8493	40
9	174.7	2.5 MIN.	8549	41
10	192.6	2.5 MIN.	8605	40
11	210.5	2.5 MIN.	8661	41
12	228.4	2.4 MIN.	8718	40
13	246.2	2.4 MIN.	8773	39
14	264.1	2.4 MIN.	8830	38
15	282.0	2.4 MIN.	8886	35
16	299.9	2.4 MIN.	8942	34
17	317.7	2.4 MIN.	8998	33
18	335.6	2.4 MIN.	9054	30
TOTAL U-TUBES				720
TOTAL DEV LENGTH 2.6 MIN FOR THE TUBE BUNDLE IN METERS				1084.899
TOTAL DEV LENGTH 2.5 MIN FOR THE TUBE BUNDLE IN METERS				2859.446
TOTAL DEV LENGTH 2.4 MIN FOR THE TUBE BUNDLE IN METERS				2210.002
ESTIMATED WEIGHT OF TOTAL No. OF TUBES IN Kg.				5428.8



TUBE STRAIGHT LENGTH	MATERIAL CODE
L = 4000	HE9718584765

NOTES: -

- MATERIAL SA 213 TP 304 WITH CARBON MAX. 0.05% AS PER ASME SEC - II PART - A, YEAR OF EDITION AND ADDENDA AS PER P.O/ INDENT.
- TECHNICAL REQUIREMENTS AS PER PRODUCT STANDARD
HE 5 1173 REVISION LATEST AS PER P.O/INDENT AND AS PER MATL. SPECIFICATION.
- QUALITY REQUIREMENTS INSPECTION & CERTIFICATION AS PER
Q.P. :- HY/ HE/ 010/SEAMLESS U-TUBES REVISION LATEST AS PER P.O/INDENT.
- INSPECTION :- AS PER P.O/INDENT
- HYDRO TEST PRESSURE ON EACH TUBE = 551 Kg/sq.cm (g)
- a) MINIMUM WALL THICKNESS = +20%
-0%
- a) MAXIMUM WORKING PRESSURE (DESIGN PRESSURE) : 350 Kg/sq.cm (g)
b) MAXIMUM WORKING TEMP. (DESIGN TEMP.) : 330 °C
c) OPERATING MEDIUM : SHELL SIDE - STEAM.
TUBE SIDE - FEED WATER.



BHARAT HEAVY ELECTRICALS LTD.
HYDERABAD

DEPT. HE ENGG	UNTOL. DIM. GR.	SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	ITEM NO.	NO.OF ITEMS
CODE 405	Ø/M/F	NTS	7.54	NA	NA	NA
TITLE U-TUBES (800MW DESUPERHEATER FOR HPH-6A & 6B)				CARD CODE NA	DRAWING NO. 4-175-01-03124	REV. 00
				SHT No. 1	NO OF SHT. 1	

NAME	SIGN.	DATE	NO.OF VAR.
DRN. A K SAHOO	AKS	30.03.15	NA
CHD. K KIRAN KUMAR	<i>Kiran</i>	30.03.15	
APPD. B.SRINIVAS	<i>B.Srinivas</i>	30.03.15	