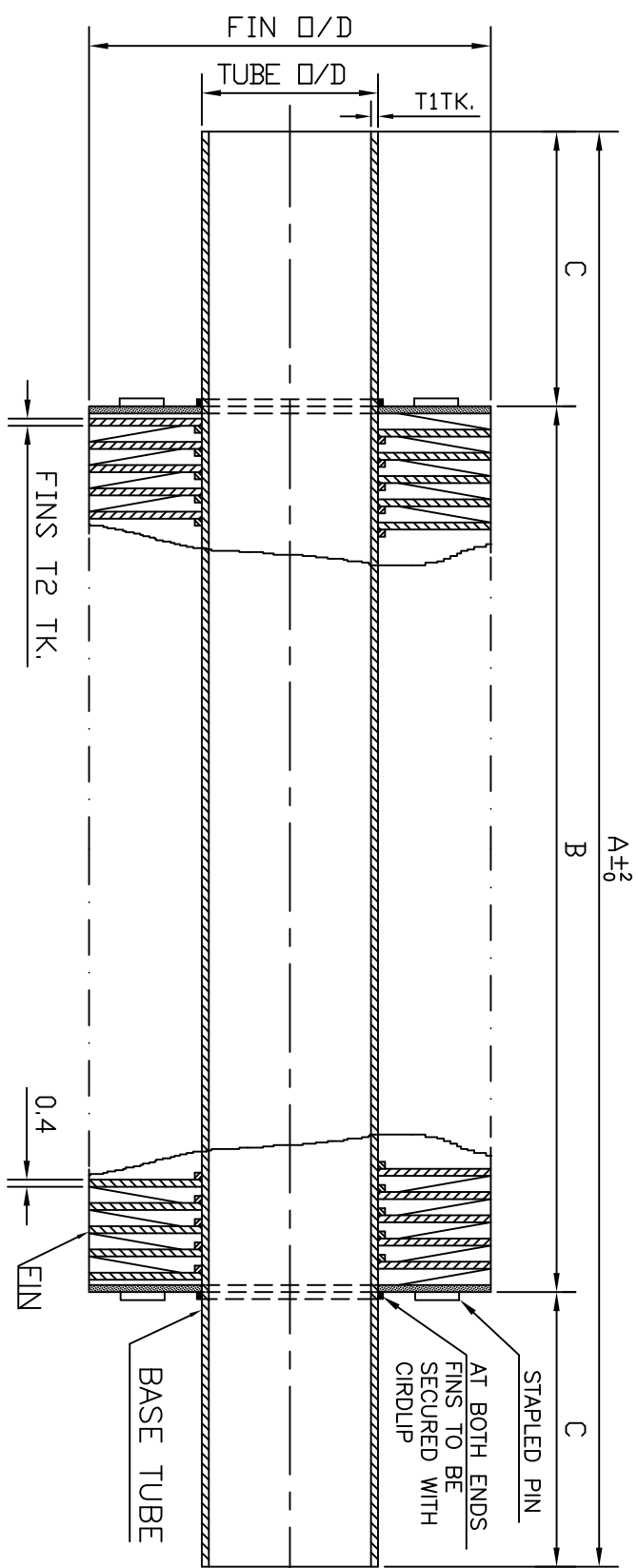


95004-50591-3 DRG. NO.



NOTES :-

- CHEMICAL, MECHANICAL, HYDRO TEST, EDDY CURRENT TEST etc. AS PER AA12128 TO BE DONE FOR BASE TUBE.
- FINS TO BE HELICALLY TENSION WOUND WITH PROPER SEATING THERE SHOULD NOT BE AIR GAP. MATERIAL TO BE SB 209 - ALLOY 1100 IN 'O' COND. (REFER NOTE-8).
- AT BOTH ENDS - FINS SHALL BE STAPLED AND SECURED WITH CIRCLIP.
- AFTER WINDING TUBE TO BE HYDRO TESTED AT A PRESSURE OF 15 kg./cm² g.
- TOLERANCE
 - (i) BASE TUBE AS PER AA 12128
 - (ii) DIMENSION B, C ±1.
 - (iii) FIN O/D ±0.8
- ALL DIMENSIONS ARE IN MM.
- TUBE SHALL BE FREE FROM OIL, DUST ETC. FROM INSIDE & OUTSIDE.
- THERMAL CONDUCTIVITY: 222 W/M°C THIS CAN BE ESTABLISHED BY ELECTRICAL CONDUCTIVITY TEST AS AN ALTERNATE TO THERMAL CONDUCTIVITY TEST AND MIN. ACCEPTABLE VALUE OF ELECTRICAL CONDUCTIVITY SHALL BE 59% IACS.
- IT IS TO BE ENSURED THAT FINS ARE NOT LOOSE WOUNDED PARTICULARLY AT ENDS AND AT JOINT (IF ANY).

IT.	BASE TUBE	FINS	DIMENSIONS
NO.	O/D T1TK.	O/D T2TK.	A B C
1	25 1.0	57 0.4	2818 2744 37
	MATL. ADM. BRASS TO AA12128	NO. OF FIN/m	MATL. AL
		433 ±1	

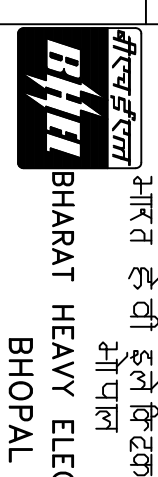
WEIGHT OF ELEMENTS Kg. (APPROX)			
Cu	Zn	Al	TOTAL
1.27	0.54	2.69	4.5

REV.	DATE	ALTERED	ZONE
03	29.10.10	CHECKED APPROVED	02
02	24.02.08	CHECKED APPROVED	01

STATUS OF DRAWING: ADDITIONAL INFORMATION: DISTRIBUTION OF PRINTS: OC - 1, HCM - 4

PROJECT NAME: RAMAGUNDAM, RIHAND, VINDHYACHAL & SINGRAULI

ADDED REF. W.O. 64014-A-14301



BHARAT HEAVY ELECTRICALS LTD. Bhopal

TYPE OF PRODUCT OR NAME OF CUSTOMER: O.F.A.F. COOLER TALCHER N.T.P.C. RIHAND/RAMAGUNDAM/VINDHYACHAL/SINGRAULI

TITLE: 'L' TYPE FIN TUBE

SCALE: 1:1

WEIGHT (K.G.): 4.5

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

REV. DATE ALTERED CHECKED APPROVED

03 29.10.10

02 24.02.08

REV. DATE ALTERED CHECKED APPROVED

01 14.05.04

DEPT. CODE: AA0230208

SCALE: 1:1

WEIGHT (K.G.): 4.5

DRAWING NO. 77 29 31 34 45 55 56 58 65 72

MATL. CODE: AA12128

MATL. SPCN. 54 C 57 68

UNIT W.T. 65 72

QTY. 71 5