

BHEL BHOPAL	SPECIFIC CONFIRMATION REQUIRED FROM SUPPLIER	CHECK LIST NO. CL/CDE/064
STRAIGHT CRIMPED FIN TUBES		
S. NO.	TECHNICAL REQUIREMENTS	CONFIRMATION / COMMENTS OF SUPPLIER (YES / NO)

01 Material

- 1.1 Base Tube: 90/10 Cupro-Nickel to BHEL Spec. AA-12130 Rev.06. YES / NO
- 1.2 Fin: Copper as per IS-1897 & IS-191 (ETP Grade) YES / NO
- 1.3 Solder: Sn60 to IS-193. YES / NO

02 Tube Size & Winding Details

Tube drawing as mentioned in enquiry

YES / NO

03 Heat Treatment

Base tube to be bright annealed to condition 'O'.

YES / NO

04 Chemical Test

- 4.1 Base tube: As per BHEL spec. AA-12130 REV.06 & the notes mentioned in tube drawing. YES / NO
- 4.2 Fin: conductivity and purity check as per IS-1897 YES / NO
- 4.3 Solder: Chemical composition analysis. YES / NO

05 Mechanical Test

Base tube as per AA-12130 REV.06

YES / NO

06 Eddy Current Testing of Base Tube

As per ASTM-B-243.

YES / NO

07 Hydrostatic Testing

- 7.1 Base Tubes at 70 kg/cm² (g) YES / NO
- 7.2 Finished Fin Tubes: At 20 Kg/sq.cm. (G) YES / NO

08 Mercurous Nitrate & Microscopic

Examination on Base Tubes as per AA-12130 Rev.06.

YES / NO

09 Base tube to be procured from BHEL approved vendors

(M/s Multimetal, M/s ITM, M/S Mehta and M/s Metal Alloy Corp.) Only.

YES / NO

10 Test Certificates: Six Copies of All Tests

YES / NO

11 Inspection Agency - M/s BHEL / BHEL Appd. TPIA

YES / NO

12 Have furnished the BHEL Q.A. Plan

(CDE-09-2706) as enclosed with the enquiry with Duly signed and stamped along-with the offer. (Fin adhesion test procedure shall got to be approved by BHEL)

YES / NO

13 Manufacturing to be carried out as per BHEL approved Q.A. Plan.

YES / NO

14 Clearly specify Deviation if any From BHEL's requirement. Otherwise it will be presumed that the offer is in line with our requirements

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