

BHEL BHOPAL	SPECIFIC CONFIRMATION REQUIRED FROM SUPPLIER	CHECK LIST NO. CL/CDE/065
STRAIGHT WIRE WOUND TUBES		
S. NO.	TECHNICAL REQUIREMENTS	CONFIRMATION / COMMENTS OF SUPPLIER (YES / NO)

01 Material

- a. Tube : 90/10 Cupro-Nickel to BHEL Spec. AA-12130 Rev.05. YES / NO
- b. Wire : Electrical grade copper Having conductivity 97% minimum. YES / NO
- c. Solder : Sn60 to IS-193. YES / NO

02 Tube Size & Winding Details
As per BHEL Drg. No. 1-16606-40127

YES / NO

03 Heat Treatment
Base tube to be bright annealed.

YES / NO

04 Chemical Test

- 4.1 Base tube : As per BHEL spec. AA-12130 & the notes mentioned in tube drawing. YES / NO
- 4.2 Wire : Check only conductivity (97% Min.) YES / NO

05 Mechanical Test
Base tube as per AA-12130

YES / NO

06 Eddy Current Testing of Base Tube
as per ASTM-E-243.

YES / NO

07 Hydrostatic Testing

- 7.1 Base Tubes at 70 kg/cm²(g) YES / NO
- 7.2 Finished W/W Tubes as per drg. YES / NO

08 Mercurous Nitrate & Microscopic
Examination on Base Tubes as per AA-12130.

YES / NO

09
Base tube shall be procured from BHEL Approved vendors only

YES / NO

10 Test Certificates (9 copies of All Tests)

YES / NO

11 INSPECTION
By BHEL / BHEL appointed inspection agency as per the BHEL Standard QA Plan as attached.

YES/NO

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

-----0000-----