



# BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

## QUALITY ASSURANCE PLAN FOR EARTHING LEAD TO BHEL ORDERING SPECIFICATION/DRAWING AS PER PO

QUALITY PLAN NO. – QAP/QTm/VENDOR QAP/2022-23/ EARTHING LEAD DTD 05.09.2022 REV 00  
Reference Document- PO DRAWING/SPECIFICATION

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| SL. NO | COMPONENT  | CHARACTERISTICS  | TYPE OF CHECK                 | QUANTAM OF CHECK |      | REFERENCE DOCUMENT             | ACCEPTANCE NORMS               | FORMAT OF RECORD              | INSPECTION AGENCY | REMARKS  |
|--------|--|--|-------------------------------|------------------|------|--------------------------------|--------------------------------|-------------------------------|-------------------|--|
|        |  |  |                               | TP               | TP/A |                                |                                |                               |                   |  |
| 1)     | Raw material TC                                    | a) Mechanical properties<br>b) Electrical properties<br>c) Chemical properties | Record review                 | 100%             | 100% | As per drawing & specification | As per drawing & specification | MTC                           | BHEL/TP/A         | TEST LAB NABL/EQUIVALENT ACCREDITED/SOURCE MBL /Supplier to get the raw material correlated with material TC |
| 2)     | Dimension  | Dimension  | TC verification & Measurement | 100%             | 20%  | As per drawing & specification | As per drawing & Specification | Supplier record               | BHEL/TP/A         | Witness  |
| 3)     | Connection of lead wire to terminal                | Soldering  | Visual                        | 100%             | 5%   | As per drawing & specification | As per drawing & Specification | Supplier record               | BHEL/TP/A         | Witness  |
| 4)     | Identification of vendor name, PO & job serial no. | Visual   | Visual                        | 100%             | 10%  | As per drawing & specification | As per drawing & Specification | Supplier record               | BHEL/TP/A         | Witness  |
| 5)     | Packing to avoid transit damage                    | Visual   | Visual                        | 100%             | 20%  | As per drawing & specification | As per drawing & specification | Packing list for each kit box | BHEL/TP/A         | Packing to be such that no damages should occur during transit. 1 kit items should be placed in on 1 box     |

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