

|          |  |                    |                             |                                |
|----------|--|--------------------|-----------------------------|--------------------------------|
| HEXATECH | PROJECT DEPARTMENT                       | Issue No.:<br>1    | Document<br>Effective Date: | Page 1 of 1                    |
|          | INSPECTION CHECKLIST FOR EARTHING SYSTEM | Revision No.:<br>0 | 01 Jul 2019                 | Document Ref.:<br>PD-REC-ICFES |

|             |  |
|-------------|--|
| Check List: | Earthing System - Installation and Inspection Check List |
| Project     |  |
| Grid line   |  |
| Date        |  |

| Item   | Item Checked  | Acceptance |    |     | Remarks |
|--|---|------------|----|-----|---------|
|  |   | Yes        | No | N/A |         |
| <b>Cable Laying inspection</b>               |   |            |    |     |         |
| 1.   | Inspection of cable size used - 70 mm <sup>2</sup> 195mm <sup>2</sup> / 120mm <sup>2</sup> 240mm <sup>2</sup> |            |    |     |         |
| 2.   | Inspection of cable laid (lay horizontally) (slab interlinking)   |            |    |     |         |
| 3.   | Inspection of cable laid (lay vertically) (column)  |            |    |     |         |
| 4.   | Visual inspection of the cable installed  |            |    |     |         |
| <b>Copper Tape inspection</b>                |   |            |    |     |         |
| 5.   | Inspection of copper tape size - 25mmx3mm / 25mmx6mm / 50mmx6mm   |            |    |     |         |
| 6.   | Inspection of copper tape laid (lay horizontally) (slab interlinking)   |            |    |     |         |
| 7.   | Inspection of copper tape laid (lay vertically) (column)  |            |    |     |         |
| 8.   | Visual inspection of the copper tape installed  |            |    |     |         |
| <b>Test Point inspection</b>                 |   |            |    |     |         |
| 9.   | Inspection of test point brand used   |            |    |     |         |
| 10.  | Check the direction & position of test point installed  |            |    |     |         |
| 11.  | Visual inspection of test point installed   |            |    |     |         |
| <b>Earth Chamber Inspection</b>              |   |            |    |     |         |
| 12.  | Inspection of earth chamber brand used  |            |    |     |         |
| 13.  | Check the position & condition of earth chamber installed   |            |    |     |         |
| <b>Earth Rod &amp; Earth Cube inspection</b> |   |            |    |     |         |
| 14.  | Inspection of earth rod brand used  |            |    |     |         |
| 15.  | Check the position & condition of earth rod installed   |            |    |     |         |
| 16.  | Inspection of Earth Cube position & condition   |            |    |     |         |
| <b>Exothermic Welding inspection</b>         |   |            |    |     |         |
| 17.  | Inspection of the exothermic welding condition - cable to rebar / copper tape to rebar joint.                 |            |    |     |         |
| 18.  | Inspection of the exothermic welding condition - cable to cable- Straight Tee./ Cross joint.                  |            |    |     |         |
| 19.  | Inspection of the exothermic welding condition - copper tape to copper tape Straight / Tee / Cross joint.     |            |    |     |         |
| 20.  | Inspection of the exothermic welding condition - copper tape to rod / cable to rod /cable to copper tape      |            |    |     |         |
| <b>Others (If there is any not specify)</b>  |   |            |    |     |         |
|  |   |            |    |     |         |
|  |   |            |    |     |         |

**Comments:**  
.....  
.....  
.....

|   |   |
|---|---|
| <b>Earthing Contractor:</b><br>Name & Signature: .....<br><br>Company ..... | <b>Main-Contractor:</b><br>Name & Signature: .....<br><br>Company ..... |
|---|---|

**Checked & Verify By Consultant / Client :**  
Name & Signature: ..... Date: .....  
Company: ..... Time: .....