**Distribution Panel Board Testing & Commissioning Checklist**

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| **Report on Testing and Commissioning** |
| **CONTROL PANEL / DISTRIBUTION BOARD** |
| **S.No** | **Description** | **Activity** | **Found Satisfied** | **Not Satisfied** | **N/A** |
| 1 | Drawing-SLD and DB Scheduling must be kept in the DB Pocket. | General/Document Verification |   |   |   |
| 2 | Certificate of Calibration for Testing Equipment. |   |   |   |
| 3 | There is no evident damage to compromise safety. | Visual Analysis |   |   |   |
| 4 | Ensure that the testing & commissioning are performed with approved MS and MAS. |   |   |   |
| 5 | Appropriate Tagging & Labelling |   |   |   |
| 6 | Screening all live components with an earthed metal or an insulating plate. |   |   |   |
| 7 | On the distribution board, phase identification is provided. |   |   |   |
| 8 | Effective earthing of all exposed metal components. |   |   |   |
| 9 | Effectively earthed are all metal conduits,  switch boxes, trunking, and exposed metal components. |   |   |   |
| 10 | Steel conduit or trunking should be used to protect all wires that aren't armoured against damage. If necessary, bushing and a rubber grommet are provided. |   |   |   |
| 11 | The size of the conductor must correspond to the MCB or FUSE that is protect the circuit. |   |   |   |

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| 12 | All metal conduit or trunking junctions must be structurally strong, electrically continuous, and corrosion-resistant. |  |  |  |  |
| 13 | Effective earthing of all exposed conductors. |   |   |   |
| 14 | Earthing of the panel door must be done. |   |   |   |
| 15 | Check each connection's tightness, and clean each supporting insulator. |  |  |  |
| 16 | Tagging of the incoming DB cable must be done. | Testing & Commissioning  |   |   |   |
| 17 | Insulation resistance between the phases, neutral, and earth of at least 0.5 M ohm. |  |   |   |
| 18 | Voltage monitoring on the O/G Power Circuit |   |   |   |
| 19 | Phase sequence checking |   |   |   |
| 120 | On/Off & manual trip test checks for MCCB's & MCB's |   |   |   |
| 21 | Checking ELCB, RCCB, and RCD |   |   |   |
| **Report:**1.2.3.4.5. |

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|   | **Technician** | **Site Incharge** |  **Engineer** | **Electrical Inspector** |
| **NAME** |   |   |   |   |
| **SIGNATURE** |   |   |   |   |
| **SEAL** |  |  |  |  |
| **DATE** |   |   |   |   |