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| FIELD INSPECTION REPORT Quality Control Form | ITP No.: | | |
| | Inspection Gr. | | |
| | Report No. | | |
| | Date | | |
| INSPECTION TYPE INSPECTION –TEST L.V. MCC MODULE | WORK No. | | |
| | LOCATION | | |
| | SWGR. NO. | | |
| | FEEDER NO. | | |
| DATE/NAME/SIGNATURE | | | |
| INSPECTION NOTICE NO.: | COMPANY | CONTRACTOR | SUBCONTR |
| MANUFACTURER: | / / | / / | / / |
| MODEL NO.: | | | |
| REF. DRAWING NO(S): | | | |
| | | | |
| | | | |

| NO | ITEM TO CHECK | Result | Remarks |
|-----------------|---|--------|---------|
| 1 | Check mechanical damage and drawer in/ out mechanism is available. | | |
| 2 | Insulation resistance of power and control circuit of each MCC module at @ 500V. | | |
| 3 | Primary Injection test on ACB/ MCCB (one set of each same rating per each switchgear) | | |
| 4 | Primary current injection of “CT” and Ammeter. | | |
| 5 | Check external wiring connection and marking. | | |
| 6 | Check whether electric components rating of bimetal, contactors, MCCB/fuse is correct as per S.L.D and motor rating plate on vendor print. | | |
| 7 | Check MCC module and panel labeling. | | |
| 8 | Check whether setting value for overload, earth fault and motor protection relay is done as per relay study. | | |
| 9 | Function test: Start/ Stop at MCC, LCS/LCP, DCS and ESD with selector switch on local, remote and off (DCS and ESD can be jumpered at terminal for simulation). | | |
| 10 | Protection relay test (E-012). | | |
| | 1) Overload relay set at rated current (In). | | |
| | 2) Earth Fault Relay: 1) Motor feeder: 10% In, 0.1 Sec. | | |
| | 2) General feeder < 100A: 20% In, 0.1 sec. | | |
| | 3) General feeder > 100A: 30A, 0.1 sec. | | |
| | 3) Motor Protection Relay | | |
| | 4) PTC Relay | | |
| 11 | Check whether magnetic contactor is opened by trip signal of each above relays one by one. | | |
| 12 | Check whether local/ remote indication (on/ off, fault, etc.) are functioning properly. | | |
| 13 | Check whether space heater is interlocked with contactor. | | |
| 14 | Check reacceleration function at power restoration of: | | |
| 15 | Check timer setting values according to reacceleration study. | | |
| Remarks: | | | |
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Legend NA.: Not Applicable