

LV CABLE COMMISSIONING TEST REPORT



| | | | | | | | | |
|--|-----------------------------|---|---------------------------------|---|--------------------|----------------------|--------------|--------------|
| CABLE NUMBER/S | LOCATION: | REPORT: | | | | | | |
| FEEDER: | | | | | | | | |
| Preliminary Details: Main backbone identified as section 1, Each tee-off or spur identified as separate section | | | | | | | | |
| Section | From | To | Conductor Type and Size: | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| Core Continuity | | Instrument Number: <input style="width:100%;" type="text"/> | | | | | | |
| Readings in Ohms | Section | A-N | B-N | C-N | A-B | B-C | C-A | |
| | 1 | | | | | | | |
| | 2 | | | | | | | |
| | 3 | | | | | | | |
| | 4 | | | | | | | |
| Insulation Resistance | | Instrument Number: <input style="width:100%;" type="text"/> | | | | | | |
| Readings in Megohms. | | | | | | | | |
| All cable sections together | | A - B+C+N+E | B - A+C+N+E | C - A+B+N+E | N - A+B+C+E | Acceptance Levels | | |
| Test Voltage: 1.0kV @ 1Min | | | | | | New 100MΩ, aged 1 MΩ | | |
| Sheath Integrity | | <i>Applicable to metallic screen cables only</i> | | Instrument Number: <input style="width:100%;" type="text"/> | | | | |
| Readings in Megohms. | All cable sections together | Msh- E | Msh- E | Msh- E | Msh- E | Acceptance Levels | | |
| | Test Voltage: 1.0kV @ 1Min | | | | | Greater than 10 MΩ | | |
| MEN Resistance | | Instrument Number: <input style="width:100%;" type="text"/> | | | | | | |
| Readings in Ohms | Location | Ohms | Location | Ohms | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Voltage Measurements | | Instrument Number: <input style="width:100%;" type="text"/> | | | | | | |
| Location | Voltage | | | | | | | |
| | A-N | B-N | C-N | A-B | B-C | C-A | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| LV Phase Out | | Instrument Number: <input style="width:100%;" type="text"/> | | | | | | |
| From: | To: | | | | | | | |
| Voltage Measurement | | | | | | | | |
| A1-A2 | A1-B2 | A1-C2 | B1-A2 | B1-B2 | B1-C2 | C1-A2 | C1-B2 | C1-C2 |
| | | | | | | | | |
| Phasing marked: | | Yes / No | | Cable number marked: | | Yes / No / NA | | |
| MENS replaced: | | Yes / No | | Pillars/switchgear labelled: | | Yes / No | | |
| Neutrals replaced: | | Yes / No | | Terminations tightened: | | Yes / No | | |
| Fuses replaced: | | Yes / No | | Pillars/switchgear correct alignment/depth: | | Yes / No | | |
| Polarity okay: | | Yes / No | | Pillars/switchgear closed/locked: | | Yes / No | | |
| REMARKS: | | | | | | | | |
| TEST OFFICER: | | | DATE: | | | SUPERVISOR: | | |