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| **EN bullet logo** | **Declaration of Test Results: New LV Cable Installations 3ph + Mains** | **CON-09-004****Issue 2** |

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| Developer Name | Site Address |
|  |  |
| SP Energy NetworksRef. No: | Contractor Ref. No: | Site Agreement No: | Contractor Telephone Number: | Contractor Contact Name: |
| Details of work carried out: |
|  |
| As laid Drawings Attached | (Y, N) |

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| **Important Information** |
| * One form shall be submitted per section of mains cable tested / made live.
* Insulation resistance tests shall be carried out prior to connection to the system. The minimum acceptable insulation resistance value shall be **50 MΩ**  for service cables and mains cables.
* An earth loop impedance test shall be carried out at the service cut-out. The maximum acceptable earth loop impedance value shall be **0.35 (Ω)** for a **PME** earth or **0.80 (Ω)**  for a **non-PME** earth.
* Should the earth loop impedance, insulation resistance or polarity check prove to be unsatisfactory, the supply shall be withheld from the customer until made good.
* All relevant as laid drawings MUST be included with test results
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| **DECLARATION** |
| We hereby confirm this apparatus has been installed in accordance with SP Energy Networks requirements. We confirm that individuals with appropriate training, knowledge and experience have tested the apparatus and that the results of those tests are accurately represented on this form. We hereby acknowledge that such apparatus must be regarded as live from the date shown below and that all relevant site personnel (including site agent) have been informed of this potential hazard.  |
| Signed……………………………………..For and on behalf of (name of Company)…………………………………….. | (Print Name) ……………………………………..(Print Designation)…………………………………….. | Date |

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| 3ph Mains / Service Cable Pre-Energisation Commissioning Requirements: |
| Cable Type | Mains | Service |
| Plot Number - (If service) |  |
| Confirm Continuity Test Completed | (Y, N) |
| Insulation Resistance |
| BR – N / E | (MΩ) | BR – GR | (MΩ) |
| BL – N / E | (MΩ) | BL – BR | (MΩ) |
| GR – N / E | (MΩ) | GR – BL | (MΩ) |
| Earth Loop Impedance | Voltage Recorded |
| BR – N / E | (Ω) | BR – N / E | (V) |
| BL – N / E | (Ω) | BL – N / E | (V) |
| GR – N / E | (Ω) | GR – N / E | (V) |
| Phase Rotation Correct | (Y, N) |
| 3ph Mains / Service Cable Pre-Energisation Commissioning Requirements: |
| Cable Type | Mains | Service |
| Plot Number - (If service) |  |
| Confirm Continuity Test Completed | (Y, N) |
| Insulation Resistance |
| BR – N / E | (MΩ) | BR – GR | (MΩ) |
| BL – N / E | (MΩ) | BL – BR | (MΩ) |
| GR – N / E | (MΩ) | GR – BL | (MΩ) |
| Earth Loop Impedance | Voltage Recorded |
| BR – N / E | (Ω) | BR – N / E | (V) |
| BL – N / E | (Ω) | BL – N / E | (V) |
| GR – N / E | (Ω) | GR – N / E | (V) |
| Phase Rotation Correct | (Y, N) |
| 3ph Mains / Service Cable Pre-Energisation Commissioning Requirements: |
| Cable Type | Mains | Service |
| Plot Number - (If service) |  |
| Confirm Continuity Test Completed | (Y, N) |
| Insulation Resistance |
| BR – N / E | (MΩ) | BR – GR | (MΩ) |
| BL – N / E | (MΩ) | BL – BR | (MΩ) |
| GR – N / E | (MΩ) | GR – BL | (MΩ) |
| Earth Loop Impedance | Voltage Recorded |
| BR – N / E | (Ω) | BR – N / E | (V) |
| BL – N / E | (Ω) | BL – N / E | (V) |
| GR – N / E | (Ω) | GR – N / E | (V) |
| Phase Rotation Correct | (Y, N) |