|  |  |  |  |
| --- | --- | --- | --- |
| **Test Sheet PFI – General Cable Installation** | | | |
| **DO NOT LEAVE ANY TEST INFORMATION blank ON THIS TEST SHEET, IF NOT APPLICABLE, WRITE N/A.** | | | |
| **Cable No** |  | **Area** |  |
| **From** |  | **To** |  |
| **Test Date** |  | **Size.** |  |
| **Project** |  | **Cores** |  |
| **Client** |  | **Drawing Ref** |  |
| **Testing Stage** |  |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***1.0 Test Equipment Used N/A 🞏*** | | | | | | | | | | | |
| **Type** | | | **Model** | **Serial Number** | | | | | **Calibration Date** | | |
|  | | |  |  | | | | |  | | |
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|  | | |  |  | | | | |  | | |
| ***2.0 Field Check*** | | | | | | | | | | | |
| **No.** | **Description** | | | | **Pass/Fail**  **✓ / NC** | | **Defect Detail / Comments** | | | | |
| 1 | Cable installation as per design | | | |  | |  | | | | |
| 2 | Connections tight and secure / gland secure | | | |  | |  | | | | |
| 3 | Mechanical protection of cable satisfactory | | | |  | |  | | | | |
| 4 | Correct cable ties used | | | |  | |  | | | | |
| 5 | Earthing as per design / bonding satisfactory | | | |  | |  | | | | |
|  |  | | | |  | |  | | | | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Three Phase** – Test Voltage 1000VDC  **Single Phase** – Test Voltage 500VDC | | | | | | | | | | | | | | | *Insulation Resistance* | | | | | | | | | | | | | | | **Voltage Rating (Cable)** | **Test Voltage**  **(V)** | **TEST CRITERIA POWER (MΩ)**  ***Correct Ferrules / Termination Point and Cable Numbers Must be Confirmed*** | | | | | | | | **Earth Fault Loop Impedance (Ω)** | **Termination**  (Point to Point) | | | | R-W | R-B | B-W | RWB-N | RWB-E | A-N | A-E | N-E | Origin | | Destination | |  |  |  |  |  |  |  |  |  |  |  |  | |  | | *Earth Continuity* | | | | | | | | | | | | | | | Earth Conductor: | | | Ω | | | | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | | | | | | | |
|  | | | | | | | | | | | |
| ***Section B – Supervisor to Complete*** | | | | | | | | | | | |
| ***3.0 Summarize Details of any defects found for re-testing purposes N/A 🞎*** | | | | | | | | | | | |
| **Reference No. on Test Sheet** | | **Defect Details** | | | | **NC# 1** | | **Category** | | **Rectified Date** | **Sign** |
|  | |  | | | |  | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
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*NC #: Non-Conformance Number is allocated from the Project Non-Conformance Register (where applicable).*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***4.0 Equipment Non Conformance Records N/A 🞏*** | | | | |
| Were equipment non-conformances found during inspection / testing (if yes, complete questions below) | | | Yes | No |
| Priority A non-conformances tagged out of service | | | □ | □ |
| Rectified non-conformances have been inspected, re-tested and passed with results recorded | | | □ | □ |
| Outstanding non-conformances have been transferred to the non-conformance register | | | □ | □ |
|  | | |  |  |
| ***5.0 Completion*** | | | | |
| Circuit left isolated | | | □ | □ |
| Equipment Tagged / Labelled stating equipment Inspection and Testing Status | | | □ | □ |
| Schematic Drawing marked to As-Built status | | | □ | □ |
| Tests Conducted By: Date: | | | | |
| Tests Witnessed By: Date: | | | | |
| Tests Results Checked By (Supervisor): Date: | | | | |
| Tests Results Approved By (Client): Date: | | | | |
| 🞎 | Test sheet QA check completed By: | Signature: | | |