|  |  |  |  |
| --- | --- | --- | --- |
| **SECTION 1 –GENERAL** | | | |
| Project: | Supernode BESS Stage 1 | | |
| Client: | NuEnergy Infrastructure | | |
|
|
|
| ITR  Description: | 10-CFA01 Metering Panel Installation ITR | | |
|
|
|
| Project No.: | 102524 | Work Pack No.: |  |
|
| ITR No.: | PFI-ITR-0106 | Discipline: | Electrical |
|
| Revision: | Rev A | Install Contractor: | PFi |
|
|
|
|
|
| Standards: | AS/NZS 3000:2018 Electrical Installations  AS NZS 3008.1.1-2017 Electrical installations  Qld Electrical Safety Act 2002 & Regulation 2013  Safety of Machinery Australian Standard 4024.1 | | |
|
|
|
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Drawings: |  | | | | | |
| Prepared by: |  | | | | Date: |  |
| **SECTION 2 – SIGNATURES –APPROVAL** | | | | | | |
| PFI Approval | Name: |  | Signature: |  | Date: |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Items to be Checked** | **Results** | **Remarks** |
| **Section A: Cable Supports Above Ground** | | | |
| **A.1** | Verify cable support has been installed as per relevant drawings. |  |  |
| **A.2** | Check all machined parts cut or drilled have no rough edges, have been de-burred & protected by cold galvanising to restore the previous protection. |  |  |
| **A.3** | All covers fitted if applicable. |  |  |
| **A.4** | Check cable support structures are adequately fixed and present no hazard to personnel |  |  |
| **A.5** | Correct cable support size and type used. |  |  |
| **A.6** | Welded support brackets have been wire-brushed and painted to completion. |  |  |
| **A.7** | Splice plates, barriers, earthing system secure |  |  |
| **A.8** | Trays / ladders, supports, brackets not interfering with other disciplines. |  |  |
| **A.9** | Check bends do not exceed the maximum cable bending radius. |  |  |
| **A.10** | Cables have adequate mechanical protection as and where required |  |  |
| **A.11** | Inspect for system rigidity, and check levels to correct plane. |  |  |
| **A.12** | Earth bonding straps have been fitted to any sections that are split, hinged or flexible. |  |  |
| **A.13** | Tray bonded to structure at correct locations |  |  |
| **A.14** | Earth bonding continuity tested – record result: |  |  |
| **A.15** | As-Built drawings completed |  |  |
| **No.** | **Items to be Checked** | **Results** | **Remarks** |
| **Section B: Fibre/Comms Duct** | | | |
| **B.1** | Duct is installed as per drawings |  |  |
| **B.2** | Duct is free from damage |  |  |
| **B.3** | Duct is sufficiently supported |  |  |
| **B.4** | Ducting is connected properly |  |  |
| **B.5** | Tubing is correctly fitted into cabinets |  |  |
| **B.6** | Lid is installed |  |  |
| **B.7** | Cables entering and leaving duct are adequately supported and protected |  |  |
| **B.8** | Cable passes through frame without strain on duct |  |  |
| **B.9** | As-Built drawings completed |  |  |

|  |  |
| --- | --- |
|  | TEST/ INSPECTION CARRIED OUT BY |
| **Signature** |  |
| **Print Name** |  |
| **Date** |  |