|  |  |  |  |
| --- | --- | --- | --- |
| **SECTION 1 –GENERAL** | | | |
| Project: | Supernode BESS Stage 1 | | |
| Client: | NuEnergy Infrastructure | | |
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|
| ITR  Description: | 10-CFA01 Metering Panel Installation ITR | | |
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|
| Project No.: | 102524 | Work Pack No.: |  |
|
| ITR No.: | PFI-ITR-0102-01 | Discipline: | Electrical |
|
| Revision: | Rev A | Install Contractor: | PFi |
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| 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 | | |
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| --- | --- | --- | --- | --- | --- | --- |
| Specifications: |  | | | | | |
| Drawings: |  | | | | | |
| Prepared by: |  | | | | Date: |  |
| **SECTION 2 – SIGNATURES –APPROVAL** | | | | | | |
| PFI Approval | Name: |  | Signature: |  | Date: |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Items to be Checked** | | | **Results** | | **Remarks** |
| 1 | Check equipment and nameplate details are correct and in accordance with the data sheet and equipment schedule. | | |  | |  |
| 2 | Check holding down/mounting arrangement is correct. | | |  | |  |
| 3 | Check for mechanical damage. | | |  | |  |
| 4 | Check item is suitably rated for area (E.g. IP rating, Ex rating) | | |  | |  |
| 5 | Verify components are clean | | |  | |  |
| 6 | Check that panel is correctly earthed. Test and confirm the earth resistance between panel and local earth system is less than 1.0 | | |  | |  |
| 7 | Check tightness of circuit connections. | | |  | |  |
| 8 | All internal cabling and wiring is correctly numbered, colour coded and terminated | | |  | |  |
| 9 | Ammeter scale and current transformer correct. | | |  | |  |
| 10 | Check internals for cleanliness. | | |  | |  |
| 11 | Check manual operation of selector switches, MCB, push buttons, etc. | | |  | |  |
| 12 | Incoming cables correctly glanded, terminated and labelled. | | |  | |  |
| 13 | Unused holes are sealed. | | |  | |  |
| 14 | Heaters correctly installed. Measure and record insulation resistance. | | | MΩ | |  |
| 15 | Fuse rating correct. | | |  | |  |
| 16 | Padlocking facilities correct (if applicable). | | |  | |  |
| 17 | As-Built drawings completed | | |  | |  |
| **Test Equipment** | | | | | | |
| Make | | Model | Serial No | | Calibration Expiry Date | |
|  | |  |  | |  | |
|  | |  |  | |  | |
| **Remarks:** | | | | | | |

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