|  |  |  |  |
| --- | --- | --- | --- |
| **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-0103- | 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** |
| **1** | Check equipment and nameplate details are correct and in accordance with the data sheet and Equipment Schedule. | |  |  |
| **2** | No mechanical damage and paintwork in good condition. | |  |  |
| **3** | Operation of emergency lighting fixtures checked | |  |  |
| **4** | Mounting arrangement and degree unit is installed is correct | |  |  |
| **5** | External cabling is correctly installed and labelled. | |  |  |
| **6** | Battery run-down test per manufacturers/clients’ specification | |  |  |
| **7** | Power / load balance on distribution board checked | |  |  |
| **8** | Operation of remote lighting control checked | |  |  |
| **9** | All spare entries blanked off with correct plugs. | |  |  |
| **10** | Check item is suitably rated for area (E.g. IP rating, Ex rating) | |  |  |
| **11** | Conforms to Specifications and Drawings. | |  |  |
| **12** | Insulation resistance of final sub-circuits checked | |  |  |
| **13** | Operation of photo-electric cell control checked | |  |  |
| **14** | Lighting pole is adequately earthed (if applicable) | |  |  |
| **15** | Circuit ID fitted to all light switches | |  |  |
| **16** | All fittings correctly labelled | |  |  |
| **17** | All switching tested and confirmed as correct (two way, intermediate, on/off/auto etc | |  |  |
| **18** | Lighting fixtures lenses are clean | |  |  |
| **19** | Lux levels meet minimum client specifications. | |  |  |
| **20** | As-Built drawings completed | |  |  |
| Lighting ID | | | **Results** | **Remarks** |
| LUX Reading No. 1 | |  |  |  |
| LUX Reading No. 2 | |  |  |  |
| LUX Reading No. 3 | |  |  |  |
| LUX Reading No. 4 | |  |  |  |
| Remarks: | | | | |

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