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| **Form A2-2: Compliance Verification Report for Synchronous and Asynchronous (non inverter) Power Generating Modules > 50 kW and also for Synchronous and Asynchronous (non inverter) Power Generating Modules ≤ 50 kW where the approach of this form is preferred to that in Form A2-1**  This form should be used by the **Manufacturer** to demonstrate and declare compliance with the requirements of EREC G99. The form can be used in a variety of ways as detailed below:   * + - 1. To obtain **Fully Type Tested** status (≤ 50 kW)   The **Manufacturer** can use this form to obtain **Fully Type Tested** status for a **Power Generating Module** by registering this completed form with the Energy Networks Association (ENA) Type Test Verification Report Register. Tests 1 – 14 must all be completed and compliant for the **Power Generating Module** to be classified as **Fully Type Tested**.   * + - 1. To obtain **Type Tested** status for a product   This form can be used by the **Manufacturer** to obtain **Type Tested** status for a productwhich is used in a **Power Generating Module** by registering this form with the relevant parts completed with the Energy Networks Association (ENA) Type Test Verification Report Register.  Where the **Manufacturer** is seeking to obtain **Type Tested** status for an **Interface Protection** device the appropriate section of Form A2-4 should be used.   * + - 1. One-off Installation   This form can be used by the **Manufacturer** or **Installer** to confirm that the **Power Generating Module** has been tested to satisfy all or part of the requirements of this EREC G99. This form shall be submitted to the **DNO** as part of the application.  A combination of (2) and (3) can be used as required, together with Form A2-4 where compliance of the **Interface Protection** is to be demonstrated on site.  Note:  If the **Power Generating Module** is **Fully** **Type Tested** and registered with the Energy Networks Association (ENA) Type Test Verification Report Register, the InstallationDocument (Form A3-1 or A3-2) should include the **Manufacturer**’s reference number (the system reference), and this form does not need to be submitted.  Where the **Power Generating Module** is not registered with the ENA Type Test Verification Report Register or is not **Fully Type Tested** this form (all or in parts as applicable) needs to be completed and provided to the **DNO**, to confirm that the **Power Generating Module** has been tested to satisfy all or part of the requirements of this EREC G99. | | | | | |
| **PGM** technology | |  | | | |
| **Manufacturer** name | |  | | | |
| Address | |  | | | |
| Tel |  | | Web site |  | |
| E:mail |  | | | | |
| **Registered Capacity**, use separate sheet if more than one connection option. | | | | | kW |

| There are four options for Testing: (1) **Fully Type Tested** (≤ 50 kW), (2) **Type Tested** product, (3) one-off installation, (4) tested on site at time of commissioning. The check box below indicates which tests in this Form have been completed for each of the options. With the exception of **Fully Type Tested** **PGM**s tests may be carried out at the time of commissioning (Form A4). **Type Tested** status is suitable for devices > 50 kW where the power quality aspects need consideration on a site by site basis in accordance with EREC G5 and EREC P28.  Insert reference for **Manufacturers’ Information** including the ENA Type Test Verification Report Register system reference number where applicable: | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Tested option:** | | **1. Fully Type Tested** | | **2. Type Tested product** | | **3. One-Off Manufacturers’ Info.** | **4. Tested on Site at time of Commissioning** |
| 0. **Fully Type Tested** - all tests detailed below completed and evidence attached to this submission | |  | | **N/A** | | **N/A** | **N/A** |
| 1. Operating Range | | **N/A** | |  | |  |  |
| 2. PQ – Harmonics | |  | |  |  |
| 3. PQ – Voltage Fluctuation and Flicker | |  | |  |  |
| 4. **Power Factor** (PF) | |  | |  |  |
| 5 Frequency protection trip and ride through tests | |  | |  |  |
| 6 Voltage protection trip and ride through tests | |  | |  |  |
| 7. Protection – Loss of Mains Test, Vector Shift and RoCoF Stability Test | |  | |  |  |
| 8.**LFSM-O** Test | |  | |  |  |
| 9. Power Output with Falling Frequency Test | |  | |  |  |
| 10. Protection – Reconnection Timer | |  | |  |  |
| 11. Fault Level Contribution | |  | |  |  |
| 12. Wiring functional test if required by paragraph 15.2.1 (attach relevant schedule of tests) | |  | |  |  |
| 13. Logic Interface (input port) | |  | |  |  |
| 14. Cyber security | |  | |  |  |
|  | | | | | | | |
| **Manufacturer** compliance declaration. - I certify that all products supplied by the company with the above **Type Tested** **Manufacturer**’s reference number will be manufactured and tested to ensure that they perform as stated in this document, prior to shipment to site and that no site **Modification**s are required to ensure that the product meets all the requirements of EREC G99. | | | | | | | |
| Signed |  | | On behalf of | |  | | |
| Note that testing can be done by the **Manufacturer** of an individual component or by an external test house.  Where parts of the testing are carried out by persons or organisations other than the **Manufacturer** then that person or organisation shall keep copies of all test records and results supplied to them to verify that the testing has been carried out by people with sufficient technical competency to carry out the tests. | | | | | | | |