



पवन ऊर्जा प्रौद्योगिकी केन्द्र

(नवीन और नवीकरणीय ऊर्जा मंत्रालय के अधीन स्वायत्त अनुसंधान एवं विकास संस्था, भारत सरकार)

CENTRE FOR WIND ENERGY TECHNOLOGY

(An Autonomous R&D Institution under the Ministry of New and Renewable Energy, Government of India)
An ISO 9001:2008 Organisation

आर एंड डी यूनिट / R&D UNIT

C-WET/R&D/EMPL/2010

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टिप्पणी / Note:

Sub: Guidelines on the technical requirement to be fulfilled by a small wind turbine manufacturer for empanelment with MNRE/C-WET

The small wind turbine manufacturers who wish to be empanelled with MNRE/C-WET must submit the following documents to C-WET:

- I. In the case of 'Provisional empanelment' for manufacturers without a valid type test report from accredited laboratory*:
 - Registration certificate showing legal identity of the company;
 - Adequate manufacturing facility and quality system adhering to ISO 9001 requirements / proof of having applied for ISO
 - Detailed technical specification of the turbine.
 - Product manual covering details of installation, maintenance, routine inspection and personnel safety.
 - Minimum simplified design document as per the format provided by R&D unit.
 - Electrical circuit diagrams.
 - Number of installations and its performance, as per the format provided by R&D unit.
 - Name plate prominently indicating wind turbine manufacturer and country, model and serial no., revision no., production date, maximum voltage and current at turbine terminals, frequency for turbine connected to the grid.
 - Enter into an agreement for type testing with C-WET as per the IEC stipulations with the above details.
- II. In the case of 'Empanelment' for manufacturers with a valid type test report from accredited laboratory*
 - Registration certificate showing legal identity of the company;
 - Adequate manufacturing facility and quality system adhering to ISO 9001 requirements.
 - Detailed technical specification of the turbine.
 - Product manual covering details of installation, maintenance, routine inspection and personnel safety.
 - Type test reports for power performance measurement, safety & function tests and duration test.

* Any laboratory with accreditation as per ISO/IEC 17025 requirements or any other laboratory on merit recommended by the Committee for empanelment of small wind turbines and issuing type test reports as per the requirements of IEC standards. Such laboratories should also be in a state to support C-WET by providing the detailed reports as and when required.