



C-WET

पवन ऊर्जा प्रौद्योगिकी केन्द्र

CENTRE FOR WIND ENERGY TECHNOLOGY

परीक्षण यूनिट Testing Unit

चेन्नई- 601 100/Chennai-601 100

Technical Note: CWET/TEST/TN/2/2009

Date: 21.12.2009

Sub: Guidelines for scheduling activities for Type Testing

The testing unit experiences over runs to the planned schedule of starting and completing assignments in a windy season for which the agreement has been signed mainly due to the following reasons.

1. Delay in site feasibility studies.
2. Delay in the installation of the test turbine.
3. Delay in finalizing the test plan.

Since measurements for all the assignments in different parts of the country are to be started and completed within the windy period from April to September, the time schedule of related activities needs to be adhered strictly.

In order to aid the customer and C-WET in carrying out the above mentioned aspects as a pre-requisite for the successful completion of testing, the following schedule shall be adhered.

Sl.No	Site feasibility – Activities	Time frame
1.	Input to C-WET for the site feasibility studies(Please refer Technical Note-CWET/TEST/TN/1/2009)	Latest by first week of January.
2.	Site feasibility report issued by Testing Unit.	Latest by first week of February.
3.	Comments on site report by Certifying body.	Latest by third week of February.
4.	Incase site does not meet the requirements, and if an alternate site is proposed then alternate site report shall be released.	Latest by first week of March.
5.	Certifying body comments on alternate site report.	Latest by third week of March.
6.	Agreement signing.	Latest by third week of March.

Sl.No	Test Plan finalisation – Activities	Time frame
1.	Submission of input documents as listed below * to Testing unit.	Latest by first week of January.
2.	Completion of review of MLCs by Certifying body.	Latest by first week of February.
3.	Final conclusion on MLCs.	Latest by first week of March.
4.	In case of any delay in finalising of MLCs/other tests.	Latest by second week of March.
5.	Agreement signing.	Latest by third week of March.
6.	Release of draft test plan by Testing Unit.	Latest by third week of March.
7.	Comments on draft test plan by Certifying body and issue of final test plan.	Latest by first week of April.
8.	Signing of the test plan.	Latest by second week of April.

Sl.No	Test turbine – Activities	Time frame
1.	Availability of Test turbine at factory.	Latest by first week of March
2.	Instrumentation of the Test turbine at factory.	Latest by third week of March
3.	Dispatch of the wind turbine by the manufacturer/customer.	Latest by fourth week of March
4.	Erection and commissioning of the wind turbine by manufacturer/customer to the test site.	Latest by second week of April
5.	Instrumentation of erected turbine at site.	Latest by second week of April
6.	Start of measurements.	Latest by fourth week of April

MLC- Measurement Load Case

*Input documents to be submitted by the customer

- a. Control and safety philosophy including braking programs with their timings.
- b. Load and load cases document including the details of DLCs.
- c. List of MLCs.
- d. Documentation for evaluating the taking up of Type testing.
- e. Letter of acceptance of the Certifying body to engage C-WET for Type testing.

Note 1. The requests for Type testing received after the above mentioned schedule/non adherence of the above mentioned schedule for requests received shall be taken up in the next windy season.

CWET/TEST/TN/2/2009	Page 2 of 2	Date of Issue: 21.12.2009 Version: 1.10
---------------------	-------------	--