

CBC DECISION/CLARIFICATION SHEET

Subject: Project Certification Recognition arrangement	Standard and clause: IEC 61400-22	Sheet No. CBC 6A
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Related document:		

Introduction

Project certification according to IEC 61400-22: 2010 involves several certification modules and does also involve several independent players e.g. developers, owners and wind turbine manufacturers. Hence, there will be wind turbine projects where different certification bodies might be involved. The Certification Body issuing the final Project Certificate will thus in some cases face the situation to include evaluation work carried out by other certification bodies.

The aim of this guideline is to enable this for Project Certification. The guideline will thus outline how sufficient recognition between certification bodies can be established and what information is needed to facilitate Project Certification using different certification bodies.

Definitions

Accepting Certification Body: The Certification Body that is responsible for issuing the Project Certificate partly based on another Certification Body's certificates and/or conformity statements.

IAF and MLA

The International Accreditation Forum, Inc. (IAF) operates programs for the accreditation of product certification bodies and bodies providing other conformity assessment services. Accreditation Bodies which are members of IAF and their accredited conformity assessment bodies are required to comply with appropriate international recognized standards and IAF mandatory documents.

Signatories of the IAF Multilateral Recognition Arrangement (MLA) conduct regular evaluations of each other to assure the equivalence of their accreditation programs.

Recognition of Certificates/ Conformity Statements

This guideline is limited to recognition of certificates (type certificates or -conformity statements) covered by an accreditation of an IAF MLA signatory. The accreditation scope shall include Project Certification according to IEC 61400-22 as well as the scope handled (e.g. Type Certification).

Further information on recognition arrangements is given by section 5.3 of IEC 61400-22. The Accepting Certification Body shall review the evaluation work to an extent sufficient for recognition of the work as part of the Project Certification. The review shall initially be conducted by means of a documentation review of evaluation reports, certificates/ statements and underlying documents if needed.

The review should cover the following aspects:

- (i) scope of work falls within the accredited scope;

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- (ii) scope of work and evaluation work process;
- (iii) quality of the technical reporting ;
- (iv) the IEC 61400-22 defined scope of work for the subjected certification module is completed and concluded;
- (v) interfaces to other certification modules are clearly described; documentation needed to handle these interfaces is handed-over;
- (vi) conditions for validity is understood such that they can be considered in the final Project Certification;
- (vii) the status of outstanding issues and provisions is clearly described such that they can be accounted for in the finalization of the Project Certification; documentation needed to handle these outstanding issues/provisions is handed-over;

The Accepting Certification Body may request a clarification meeting involving the other certification body and in some cases also his client (applicant). The accepting body shall have access to the full technical support documentation during such a meeting enabling spot checks.

The Accepting Certification Body's decision of acceptance/rejection shall be communicated to the client (applicant) of the Accepting Certification Body.

Project Certification

The Accepting Certification Body shall not take responsibility for other Certification Bodies' work and this should be stated in the Project Certificate. The Project Certificate should list all Certification Bodies involved and their scope of work e.g. by stating the certification module(s) and corresponding certificates or statements.

Example

The Type Certification of the wind turbine to be used in a project is issued by the Certification Body named "T-CB" and the Project Certification is issued by the Certification Body named "P-CB".

In this case, P-CB will be the "Accepting Certification Body".

1. The developer appoints the P-CB to carry out Project Certification according to an agreed scope of work for Project Certification which is in line with IEC 61400-22 and this document. The agreement between the developer and the P-CB specifies that another certification body will issue the Type Certificate.
2. The developer/wind turbine manufacturer provides the P-CB with the certification documentation i.e. Type Certificate together with the Final Verification reporting as well as other relevant evaluation reports and Statement of Conformities.
3. The P-CB will review the certificate, statements and reports as well as accreditation certificate for the T-CB according to item i-vii in this document. Based on this review, the P-CB decides if a meeting or further documentation will be required. In this example it is assumed that the P-CB does not understand the interface to foundation as well as the detailed load calculation model and calculation result.

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4. The P-CB will together with the developer arrange a clarification meeting with the T-CB together with the Wind Turbine manufacturer (T-CB client). P-CB will ask for load and interface documents to support the clarification.
5. The meeting is held and the clarifications are recorded in the minutes of meeting by the P-CB. The P-CB finalises its evaluation of the certification documentation considering the clarifications from the meeting. The conclusion, in this case acceptance is assumed, is communicated to the developer.
6. The P-CB assesses the site specific wind turbine loads through an independent analysis using an integrated model of the wind turbine including the foundation.
7. The P-CB now assesses the load comparison based on the T-CB approved loads which were used for T-CB certification of the wind turbine. The tower top yaw moment is found to exceed the loads approved by the T-CB.
8. The wind turbine manufacturer asks the T-CB to issue a revised Type Certificate (e.g. WT "S" class) considering the load increase.
9. Item 3-5 is repeated as found relevant and the conclusion, again acceptance, is communicated to the developer.
10. The P-CB proceeds in the Project Certification work.