



IECRE **02 – WE SUP**

Edition 1.0 ~~-08-14XX-YY~~2021-05-25

IECRE PUBLICATION

IEC System for Certification to Standards relating to Equipment for use in Renewable Energy applications (IECRE System)

Supplement for the Wind Energy Sector to the IECRE Rules of Procedure (IECRE 02)





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DRAFT

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**IEC System for Certification to Standards Relating to Equipment
for Use in Renewable Energy Applications (IECRE System) –**

**Supplement for the Wind Energy Sector to the IECRE Rules of Procedure
(IECRE 02)**

FOREWORD

This publication has been prepared by the IECRE for approval by the IEC Conformity Assessment Board (CAB). This publication supersedes IECRE 05, Edition 2, published 2020-03-03.

The Wind Energy industry includes wind turbines and wind energy systems, components and power plants (both onshore and offshore), among others. There is a need for a single, internationally recognized 3rd party Conformity Assessment (CA) system for the verification of compliance to consensus-based International Standards and Technical Specifications to reduce risk and improve stakeholder confidence. The implementation of the Wind Energy Sector Working Group (WE-SWG) and a Wind Energy Certification Scheme will help to accelerate commercialization of the industry, thus reducing risk and increasing confidence in the market.

This publication has been prepared by REMC WG 001 and WG 501 for approval by the REMC.

The annexes to this publication are normative.

The text of this publication is based on the following document(s):

Document	Report on Voting
<u>REMC/574/DV</u>	<u>REMC/598/DV</u>

INTRODUCTION

This supplement to IECRE 02 contains additions and modifications to the IECRE Rules of Procedure for the Wind Energy Sector (IECRE WE) under the IECRE Conformity Assessment System, hereinafter referred to as the “RoP”, intended for use in wind energy applications and which complies with one or more IEC or ISO International Standards. These Rules relate to the Rules of Procedure of the IECRE (IECRE 02) and the Basic Rules of the Conformity Assessment Board (CAB) and the IECRE System, as given in the publication (IEC CA 01 + IECRE 01-S). A list of standards in use is published on the IECRE website: www.IECRE.org.

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IEC System for Certification to Standards Relating to Equipment for Use in Renewable Energy Applications (IECRE System) –

WE-SWG Supplement to the IECRE 02 (Rules of Procedure)

1. Scope

The objective of [this supplement to IECRE 02](#) is to define the procedure for acceptance of certification bodies and testing laboratories who want to work within the IECRE [Wind Energy](#) Scheme(s), and, using operational documents, to specify how certificates, conformity statements and reports should be made, in order to enable [the](#) smooth operation of the system and mutual recognition of certificates between testing laboratories, certification bodies and national authorities.

2. Normative References

[IECRE 02 Clause 2 applies.](#)

3. Definitions and Abbreviations

[IECRE 02 Clause 3 applies with the following additions:](#)

NOTE: The definitions in the present [Supplement](#) take precedence.

3.1 Certification

Procedure by which a third-party gives written assurance that a product, process or service conforms to specified requirements through the issue of a certificate.

3.2 Component Certification

Certification of a component according to the IECRE WE certification scheme.

3.3 Design Life

Period of wind farm operation at the end of which the minimum required structural reliability according to the adopted design standard (usually IEC 61400-1) is still ensured.

3.4 Established competence area

A competence area is regarded as established, as soon as 3 RECBs or RETLs are approved by [the](#) REMC for the specific competence area.

3.5 Project Certification

Procedure by which a certification body gives written assurance that one or more specific wind turbines including support structure and possibly other installations are in conformity with requirements for a specific site according to the IECRE WE Scheme.

3.6 Surveillance

Monitoring and verification that procedures, products and services continue to meet specified requirements.

3.7 Type Certification

Procedure by which a Certification Body gives written assurance that a wind turbine type conforms to specified requirements according to the IECRE WE certification scheme.

3.8 Wind turbine type

Wind turbines of common design, materials and major components, fabricated according to a common manufacturing process and uniquely described by a specific range of wind turbine parameters and design conditions.

4. Organizational Structure

IECRE 02 Clause 4 applies with the following additions:

4.1 Sector Working Groups

No additions.

4.2 Numbering Definition

No additions.

4.3 Participation

No additions.

4.4 Structure and Governance for Wind Energy

4.4.1 Introduction

The basic rules governing the IECRE system are described in IEC CA 01 and IECRE 01-S. The basic rules are the overarching basis for operation of the IECRE System, its management committee (REMC) and working groups working under it.

The Rules of Procedure in this document supplement the Rules of Procedure from IECRE 02.

The Supplement to the Rules of Procedure put forth in the current document are for the operation of the Wind Energy Sector Scheme(s) (IECRE WE) governed by the REMC and operated by the Wind Energy Sector Working Group (WE-SWG).

4.4.2 Acceptance

Certification bodies and testing laboratories are accepted into the IECRE WE Scheme(s) following satisfactory assessment of their impartiality and competence by the **team of assessors**, and then ratified by the REMC.

Successful assessment should provide adequate confidence in the certification scheme to regulatory authorities, users, manufacturers, testing laboratories and certification bodies.

Impartiality and competence are assessed with reference to ISO/IEC 17065, ISO/IEC 17025, ISO/IEC 17020 and IECRE WE Operating Documents (OD).

The WE-SWG is responsible for setting up and maintaining the pool from which the team of assessors (incl. lead assessors) for a specific assessment are selected.

REMC assigns the authority for the inclusion of lead assessors into the pool of assessors to the Executive Secretary, WE-SWG Convenor and the applicable SG Convenor.

Assessors are added to the pool of assessors following OD-551-23 (for test laboratories) and OD-550-1 and OD-550-5 (for certification bodies).

(Note: The assessment teams for specific assessments are assigned by the Executive Secretary as per the basic rules.)

Assessments are done for defined competence areas. In order to start up a competence area assessors may be used from applicants RETLs/RECBs (as no RETLs or RECBs are as yet recognised for the new competence area). Assessments can start as soon as three applications are available. As soon as the competence area is an established competence area, assessors are added to the pool of assessors following OD-551-23 (for test laboratories) and OD-550-1 and OD-550-5 (for certification bodies), and the assessors must fulfil the requirements therein. This also means that an applicant assessor where the company does not manage to achieve

RETL/RECB status by the time the competence area becomes an established competence area must be removed from the pool of assessors.

4.4.3 Voting

Voting requirements are as per IECRE 02.

4.4.4 Stakeholder groups

In the management of the system, the following stakeholder groups are established:

- Certification Bodies, SG 550
- Testing Laboratories, SG 551
- Original Equipment Manufacturers (Manufacturers, Designers, Contractors), SG 552
- End Users (Owners, Authorities, Investors), SG 553
- Small Wind Turbines, SG 554

As part of the process to reach consensus within WE-SWG for recommendations towards REMC, stakeholder groups are given a voice in general discussions and are allowed to comment as a stakeholder group before any recommendations are formulated.

5. Requirements for Participation in the IECRE System

5.1 Participation

IECRE 02 Clause 5.1 applies with the following additions:

Participants in stakeholder groups (SG) need to be endorsed by their national member body. A CB or TL accepted as RECBs or RETLs are obligated to appoint a participant to the respective SG.

6. Deliverables of the IECRE System

IECRE 02 Clause 6 applies with the following additions:

6.1 IECRE Test Reports (RETRs)

No additions.

6.2 Product Certificates

No additions.

6.3 Conformity Statements

No additions.

6.4 Inspection Reports

No additions.

6.5 Requirements specific to Wind Energy

6.5.1 IECRE WE Conformity Statements, Certificates and Test Reports

The IECRE WE Scheme(s) provides the means for designers/manufacturers of wind turbines or wind turbine components as well as owners/developers/designers of wind farms to obtain conformity statements and certificates that are intended to be accepted in all participating countries as covering fundamental parts of the requirements of their national certification or approval system.

An IECRE WE conformity statement or certificate may be issued by any RECB accepted into the IECRE WE Scheme(s).

All test reports that are used as a basis for IECRE WE conformity statements or certificates shall fulfil the requirements of [these RoP](#).

6.5.2 Applicable ODs and standards

All RETRs, conformity statements and certificates shall be issued according to the latest major revisions of the applicable standards or Ods.

When a new standard or OD is issued, issuing a certificate can still be based on the previous major edition unless decided differently by the [REMC](#). This also applies to RETRs and conformity statements.

Note: A “major edition” is indicated by raising the edition number to the next integer, for example from edition 2.0 to edition 3.0. A “minor edition” is indicated by raising the next decimal place, for example from edition 3.0 to 3.1. This means that, for example, when edition 4.1 is issued, a certificate can still be based on edition 4.0, 3.1, or 3.0, but not on 2.0 (unless decided differently by the [REMC](#)).

Compliance shall be stated on each RETR, Certificate, and Conformity Statement, according to IEC CA 01 section 11.

The assessment requirements shall be based on the detailed technical requirements of the IEC 61400-series and additional codes or standards chosen by the designer and agreed (e.g. within the design basis evaluation) with the RECB, e.g. local standards.

6.5.3 Permissions

RETLs, [and RECTFs according to the rules in IECRE 02](#), are permitted to issue RETRs.

Note: An RETL may issue an RETR immediately after it has been recognized. Also, applicant RETLs may start tests for IECRE purposes before they are recognized. They may not issue an RETR before they are recognized. RECBs are permitted to issue conformity statements and certificates.

Note: An RECB may issue conformity statements and certificates immediately after it has been recognized. Also, applicant RECBs may start evaluations for IECRE purposes before they are recognized. They may not issue any conformity statements or certificates before they are recognized.

6.5.4 Exchange of IECRE WE Certificates, Conformity Statements and RETRs

RETLs and RECBs can exchange test reports, conformity statements and certificates in the process of issuing conformity statements, prototype certificates, type certificates, and project certificates as well as statements of compliance to national requirements.

It is the intention of the IECRE WE Scheme(s) that RETRs, conformity statements and certificates can be issued by multiple RETLs and RECBs and that certificates can refer to RETRs, conformity statements and certificates issued by any RETL or RECB within the system.

This is enabled by ensuring that RETRs, conformity statements and certificates are issued according to detailed descriptions and requirements given in the ODs.

Certificates shall be supplemented by a final evaluation report that will enable the receiver of the certificate to understand the extent of the certification. Conformity statements and certificates shall also list information that is required for certification of modules to which they have interfaces.

6.5.5 Use of IECRE WE conformity statements and certificates and RETRs for certification according to national regulations

It is intended that the IECRE System will provide globally harmonised requirements for wind turbines as well as wind turbine projects, and that the IECRE WE Scheme(s) are adopted by member countries as the basis for certification according to national requirements.

Where local and/or national certification is required in addition to the IECRE WE certificates, conformity statements and RETRs, the IECRE System shall aim at providing an overview of such additional requirements.

This is done by having IECRE national member bodies provide input to an OD describing:

- an overview of the national certification scheme(s)
- a description of the extent of integration of IECRE WE Scheme(s) in national certification
- deviations from requirements in the IECRE WE Scheme(s)
- additional requirements to the IECRE WE Scheme(s)
- requirements for repeating testing and certification activities already included under the IECRE WE Scheme(s)
- requirements for local accreditation of RECBs and RETLs to issue test reports and certificates for national certification

7. Description of IECRE Operational Procedures

IECRE 02 Clause 7 applies with the following additions:

7.1 General

No additions.

7.2 Documents

7.2.1 Operational Documents (ODs) and Administrative Documents (ADs)

No additions.

7.2.2 Clarification Sheets

IECRE 02 Clause 7.2.2 applies with the following additions:

To facilitate a uniform interpretation of rules under the IECRE WE as well as standards used under this scheme, clarification sheets can be made with a temporary interpretation of a rule or standard.

When so required for the conformity assessment work the **REMC** may issue clarification sheets as per the requirements in OD-002, Clarification Sheets (CSH).

7.2.3 Development and Maintenance of Operational Documents

The following Clause replaces Clause 7.2.3 of IECRE 02:

In order to approve new documents or change any approved documents for the Wind Energy Sector apart from immediate decisions made during REMC meetings, two categories of documents are defined with different approaches. Each OD shall be given a category as part of the proposal/scope for development of the document:

1. For category 1 documents:
 - a) REMC defines scope of revision/development based on WE-SWG recommendation
 - b) WG 501 or another assigned working group prepares a proposal for new or updated documents as per agreed scope, to be submitted for review and comment to WE-SWG as well as all Stakeholder Groups and WG501 with a review period of four weeks.
 - c) After inclusion of the comments, a revised document with an assigned edition number (indicating whether it is a minor or major revision) to be submitted for review and voting by REMC, with a minimum review and balloting period according to IEC CA 01.
 - d) Once the proposed update has been approved by REMC, it replaces the previous version as per agreed introduction date. In case of a new document, once approved by REMC, it comes into force as per agreed introduction date.
2. For category 2 documents:
 - a) WG 501 or another working group prepares a proposal/scope for new or updated documents, to be submitted for review and comment to WE-SWG, with a minimum review and balloting period of one month.
 - b) Once the proposed update has been approved by REMC it replaces the previous version as per agreed introduction date. In case of a new document, once approved by REMC, it comes into force as per agreed introduction date.

All ODs will be considered category 1 unless an explicit decision has been made by REMC to the contrary.

Changes to correct mistakes and editorial changes can be implemented at any time by the Secretariat.

7.2.4 Competence Areas

New competence areas for RETLs, RECTFs, and RECBs, are created and controlled by the corresponding ODs, which are created and revised according to the rules in section 7.2.2.

7.3 Complaints and Appeals

Should the RECB receiving an IECRE WE documentation or work for recognition consider it deficient or being issued in error, the entity that issued it shall be informed as soon as possible to take appropriate actions. Cases of dispute between the RECBs and/or RETLs involved may be lodged to a Board of Appeal as given in the IEC Basic Rules (IEC CA 01) and the IECRE Supplement (IECRE 01-S).

7.4 IECRE management and procedure for conformity statements and certificates for Wind Energy

7.4.1 General

The IECRE WE management and procedures for issuing, maintenance and suspension/withdrawal of conformity statements and certificates are detailed in the OD-501 and OD-502.

7.4.2 Overview on the extent of certification

The certification procedures specified in the operating documents OD-501 and OD-502, constitute a complete third-party conformity assessment scheme for a wind turbine type, a major component type or one or more wind turbines including related equipment/installations at a specific location. A successful evaluation results in one or more of the following:

- a Prototype Certificate
- a Component Certificate
- a Conformity Statement
- a Type Certificate
- a Project Design Certificate
- a Project Certificate

7.4.3 Acceptable documents as input to IECRE certificates and conformity statements

IECRE certificates and conformity statements must be based on IECRE test reports as per the rules in this paragraph.

From the moment that a test laboratory is recognized for a specific competence area, other test laboratories have nine months to achieve a similar recognition. During these nine months RECBs may still use test reports from non-recognized test laboratories for the specific competence area (as long as the reports fulfil the requirements as per OD-501, OD-502, IEC 61400-22 and the relevant test standard, whichever of these is applicable). After these nine months have passed, RECBs may only accept test reports (with an issue date after the nine-month deadline) from recognized test laboratories for this specific competence area.

Note that there is no limitation as to when the test report was written as long as it is issued by a test laboratory that is recognized at the time the report is submitted to the RECB.

Also note that test reports with an issue date from before the nine-month deadline can still be accepted by an RECB, even from non-approved test laboratories as long as they are less than 5 years old.

As an example, if for a specific Test Laboratory competence area the nine-month deadline falls on the Feb 1st, 2017, then:

- An RECB may accept test reports from any test laboratory as input to the certification process until Feb 1st, 2017 (as long as the reports fulfil the requirements as per OD-501, OD-502, IEC 61400-22 and the relevant test standard, whichever of these is applicable)
- An RECB may accept test reports from a test laboratory that has been approved before Feb 1st, 2017, regardless of the issue date of the report (as long as the reports fulfil the requirements as per OD-501, OD-502, IEC 61400-22 and the relevant test standard, whichever of these is applicable)
- An RECB may still accept test reports from a test laboratory that was not yet approved on Feb 1st, 2017, if the issue date of the report is before Feb 1st, 2017 (as long as the reports fulfil the requirements as per OD-501, OD-502, IEC 61400-22 and the relevant test standard, whichever of these is applicable)
- An RECB may *not* accept test reports from a test laboratory that is not approved, if the issue date of the report is on or later than Feb 1st, 2017

The graph below further clarifies this:

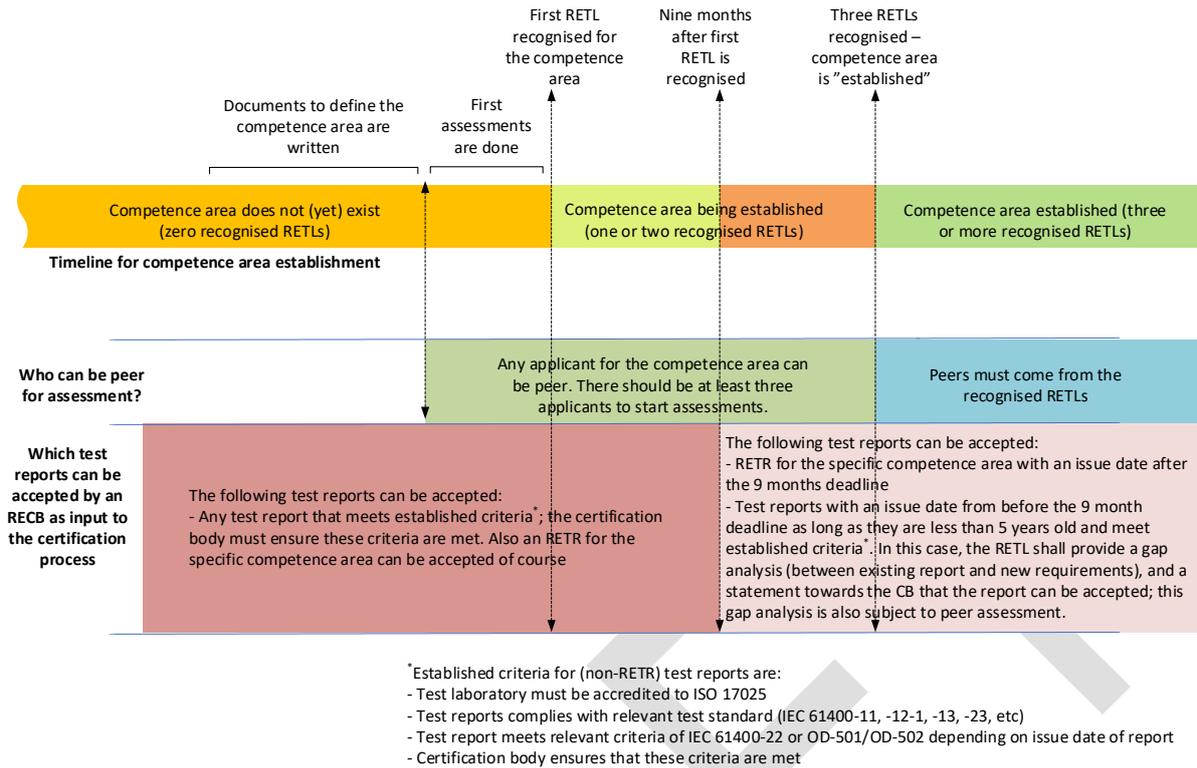


Figure 1: test report acceptability

7.4.4 Layout and content of conformity statements, certificates and RETR

The layout and the content of IECRE WE conformity statements, certificates and test reports are described in templates available on the IECRE webpage.

7.4.5 Maintenance of certificates

Maintenance of IECRE WE conformity statements and certificates is described in OD-501 and OD-502.

8. Peer Assessment Program

8.1 Acceptance of Renewable Energy Test Laboratories (RETLs) for Wind Energy

IECRE 02 Clause 8.1 applies with the following additions:

A testing laboratory shall be accepted as an RETL by the REMC and given the right to issue IECRE WE testing reports according to IECRE WE Scheme(s), under the following conditions and according to the procedures stipulated in 8.1.1 to 8.1.9.

- The competence and impartiality of the testing laboratory shall be demonstrated by assessment according to the relevant OD for the competence areas.

NOTE: ISO/IEC 17025 is not mandatory. Specific requirements for Peer Assessment of organizations not accredited to ISO/IEC 17025 are under preparation.

Based on recommendations by the WE-SWG, the REMC shall decide upon the extent of the assessment that is necessary. The specific requirements to pass an assessment for each of these competence areas are detailed in the Operational Documents.

8.1.1 Application as Renewable Energy Test Laboratory (RETL) for Wind Energy

IECRE 02 Clause 8.1.1 applies with the following additions:

An application for the acceptance of a laboratory as an RETL for testing according to one or more standards accepted for use in the IECRE System shall be made by the candidate testing laboratory, via the national Member Body of the REMC. Testing laboratories from non-member countries may also apply for acceptance as an RETL. Based on recommendations by WE-SWG, REMC shall decide upon the rules and exceptions of reference. The application shall be submitted to the IECRE Executive Secretary.

In submitting an application, the applicant testing laboratory agrees to comply with the IECRE System Rules including the IECRE WE Scheme(s), as amended along with an IECRE code of professional conduct which includes, at all times, to support the principles and aims of the IECRE System.

The applicant can request a unified assessment, which allows for a testing laboratory to be assessed by their accreditation body and the team of assessors at the same time. If unified assessment is requested, the testing laboratory is responsible for getting this approved by the accreditation body.

The documents to be assessed by the team of assessors are to be provided in English.

NOTE: The audit by the auditors is often conducted in the local language, and many quality documents will be written in the local language. However, it is important for the applicant to note that the communication with and the documents that need to be prepared for the assessors will have to be provided in English. If the original documents are written in another language these may be translated into English. It is the responsibility of the applicant that this is done in a technically correct manner. Use of a trained translator and review by a technically skilled person that speaks both languages is recommended.

After the application has been made but before the standard assessment takes place the following shall be done:

- The scope of the assessment shall be defined and agreed between the candidate, IECRE Executive Secretary and assigned team of assessors

Based on the agreed scope the candidate shall submit the following information as relevant:

1. An overview of all reports the testing laboratory has issued in the last 3 years where compliance is claimed for the relevant standard(s) for the competence area
2. An overview of Test Procedures relating to the competence being assessed
3. Three reports from the list provided by the RETL being assessed as selected by the team of assessors
4. Test Procedures as selected by the team of assessors (this could cover all procedures in the overview)
5. The most recent proficiency test results according to the requirements from the applicable OD
6. Results of the test or analysis of the specimen or dataset as provided by the team of assessors
7. An (anonymous) overview of ongoing relevant tests, including expected time frame and rough location.

For a new-entrant assessment a detailed plan shall be made to describe the scope and timing of the full assessment planned and the expected deliverables from the candidate, including their timing.

8.1.2 Technical Assessment for Wind Energy

IECRE 02 Clause 8.1.2 and 8.1.3 apply with the following additions:

8.1.2.1 General Approach

The technical assessment can be done in three ways:

1. The standard assessment will normally be used and can be applied to existing testing laboratories as well as new entrants
2. A specific 'new entrant assessment'¹ has also been defined to make it possible for new entrants to join the system if they cannot fulfil the requirements for the standard assessment.
3. An 'RECTF assessment' for facilities belonging to manufacturers or end users has been defined as a separate assessment to allow these results to be used for conformity assessment

If the applicant has started activities for the specific competence being assessed in the last three years the applicant may choose the 'new entrant assessment' or the 'standard assessment'.

The team of assessors shall carry out the assessment. Normally at least two assessors will be appointed to the team of assessors. The team of assessors shall be led by a lead assessor, appointed by the IECRE Executive Secretary. If only one technical assessor is required this assessor shall have the role of lead assessor.

The applicant shall be given the names and current appointments of the team of assessors proposed to be appointed by the IECRE Executive Secretary. Applicants may object "for cause" (reasons to be stated) to the appointment of the assessors to the IECRE Executive Secretary. If the stated reasons are considered sufficient, new assessor(s) will be appointed.

The laboratory to be assessed shall accept to pay the professional fees of the team of assessors, the daily fee to be decided by the REMC, and the reasonable travelling and living expenses arising from the assessment. An estimate of these expenses shall be provided by the lead assessor and agreed with the applicant in advance. The Executive Secretary of the IECRE shall manage the assessment process, including the appointment of the team of assessors from a pool of technical experts.

8.1.2.2 Standard Assessment

The applicant testing laboratory shall be assessed to determine that the conditions according to 8.1 are fulfilled, including the requirements in all relevant ODs.

The scope of the standard assessment depends on the competence area being assessed and is detailed in the relevant ODs. In case it is needed to ascertain that a candidate RETL applies the same quality management system globally across multiple offices, an initial assessment of all offices is required. The conclusion with regards to the question if the offices actually operate under one quality system shall be indicated in the assessment report. In case the offices indeed operate under one quality system then the subsequent assessments can be done under the assumption that the assessed offices all operate under the same quality management system.

8.1.2.3 New entrant assessment

The assessment is defined to make it possible for new entrants to become an RETL. Applicants must note that the scope and assessment cost for the new entrant assessment can be larger than for the standard assessment.

The most basic assessment is done when the applicant does not have a sufficient number of reports available for review. This assessment is based on the assessor being involved in the

¹ A test laboratory is considered a 'new entrant' if they have not been doing tests according to relevant standards before, and therefore do not have old reports for review during the assessment.

preparation and execution of the first, second or third test and possibly if required subsequent tests. Further details of this assessment are given in the relevant ODs.

If the applicant has one or two reports available, some of these elements may not be required. The scope of the assessment shall be made in agreement with the assessor and based on the guidance in the ODs.

8.1.3 New Entrant Assessment

Replaced by Clause 8.1.2 of this Supplement.

8.1.4 Resolution of differences

No additions.

8.1.5 Notification

IECRE 02 Clause 8.1.5 applies with the following additions:

8.1.5.1 Report to IECRE Executive Secretary

The lead assessor shall submit to the IECRE Executive Secretary an assessment report containing the recommendations of the assessment team, taking into account the declaration submitted together with the application. Such a report shall be in accordance with OD-005. A copy of the assessment report shall be submitted to the representatives of the applicant testing laboratory.

The full report will be shared with the applicant and the IECRE Executive Secretary but is otherwise confidential.

8.1.5.2 Acceptance

Upon successful assessment the IECRE Executive Secretary shall submit a recommendation to the REMC for approval.

8.1.5.3 Notification

If the decision of the REMC is positive, the Executive Secretary of the REMC shall inform the applicant in writing. If the decision of the REMC is negative a provisional approval will be withdrawn, and the Chairman of the REMC may, depending on the findings, suggest to the applicant

- To withdraw the application, or
- To accept a new assessment

8.1.6 Changes

No additions.

8.1.7 Extension of scope

The following Clause replaces Clause 8.1.7 of IECRE 02:

When an RETL wishes to extend its acceptance to further competence areas in the IECRE System, an application shall be made to the IECRE Executive Secretary. To the extent relevant the assessment team that last assessed the RETL shall give their comments on the application and the intended scope of the new assessment team.

The assessment of the extended scope shall follow the same procedure as the standard assessment or the new-entrant assessment.

8.1.8 Re-assessment

IECRE 02 Clause 8.1.8 applies with the following additions:

The acceptance of the RETL is valid for a period of five years.

The re-assessment shall follow the same procedure as the standard assessment except that non-conformities must be resolved within 3 months. The re-assessment shall be paid by the RETL in question.

The IECRE Executive Secretary will notify RETLs when re-assessment is required. In case of unsuccessful re-assessment or refusal, the RETL will be suspended according to the rules of 8.1.10.

8.1.9 Withdrawal Requested by RETL

No additions.

8.1.10 Suspension and Withdrawal

IECRE 02 Clause 8.1.10 applies with the following additions:

The WE-SWG may recommend to the REMC that the RETL be suspended or withdrawn if that RETL no longer fulfils the conditions of 8.1 (Including the relevant ODs) or if it violates these RoP.

In urgent cases, the IECRE Executive Secretary may suspend a Wind Energy RETL.

Before a decision is made to suspend or withdraw an RETL, the RETL shall have the opportunity to take corrective action over a period of two weeks to six months (at the discretion of the WE-SWG or its Convenor) and state its own opinion on the matter. In case of a suspension or a withdrawal, the testing laboratory in question shall not be allowed to claim any relationship with the IECRE Conformity Assessment System.

8.2 Acceptance of Renewable Energy Certification Bodies (RECBs) for Wind Energy

IECRE 02 Clause 8.2 applies with the following additions:

A certification body shall be accepted as an RECB by the REMC and given the right to issue IECRE WE evaluation reports, conformity statements and certificates, according to IECRE WE Scheme(s), under the following conditions and according to the procedures stipulated in 8.2.1 to 8.2.10:

- The competence of the RECB shall be demonstrated by Peer Assessment in conformity with ISO/IEC 17040 and detailed in the WE specific ODs covering the specific CA.

NOTE: ISO/IEC 17065 is not mandatory. Specific requirements for Peer Assessment of organizations not accredited to ISO/IEC 17065 are under preparation.

8.2.1 Application as Renewable Energy Certification Body (RECB) for Wind Energy

IECRE 02 Clause 8.2.1 applies with the following additions:

The applicant certification body shall make an application, via a national Member Body of the IECRE System, for the acceptance as RECB for one or more Certification Scheme and/or Certification Module accepted for use in the IECRE Conformity Assessment System.

In submitting an application, the applicant certification body agrees to comply with the IECRE System Rules including the IECRE WE Scheme(s), as amended along with an IECRE code of

professional conduct which includes, at all times, to support the principles and aims of the IECRE System.

Upon application, the applicant certification body will become a member of the IECRE WE Certification Bodies group SG 550.

The applicant can request a unified assessment, which allows an applicant to be assessed by their accreditation body and the team of assessors at the same time. If unified assessment is requested, the applicant is responsible for getting this approved by the accreditation body.

The documents to be assessed by the team of assessors are to be provided in English.

NOTE: The audit by the auditors is often conducted in the local language, and many quality documents will be written in the local language. However, it is important for the applicant to note that the communication with and the documents that need to be prepared for the Technical Assessor(s) will have to be provided in English. If the original documents are written in another language these may be translated into English. It is the responsibility of the applicant that this is done in a technically correct manner. Use of a trained translator and review by a technically skilled person that speaks both languages is recommended.

8.2.2 Assessment

IECRE 02 Clause 8.2.2 and 8.2.3 apply with the following additions:

The applicant certification body shall be assessed to determine that the conditions according to 8.2 are fulfilled. Technical assessors are appointed by the IECRE Executive Secretary to carry out the assessment. The team shall be led by a lead assessor (management system auditor) appointed by the IECRE Executive Secretary. The lead assessor may represent a national accreditation body i.e. in the case of unified assessment.

The applicant shall be given the names and current appointments of the team of assessors proposed to be appointed by the IECRE Executive Secretary. Applicants may object "for cause" (reasons to be stated) to the appointment of the assessors to the IECRE Executive Secretary. If the stated reasons are considered sufficient, new assessor(s) will be appointed.

The applicant to be assessed shall accept to pay the professional fees of the team of assessors, the daily fee to be decided by the REMC, and the reasonable travelling and living expenses arising from the assessment. An estimate of these expenses shall be provided by the lead assessor and agreed with the applicant in advance. The IECRE Executive Secretary shall manage the assessment process, including the appointment of the team of assessors from a pool of technical experts.

8.2.3 New Entrant Assessment

Replaced by Clause 8.2.2 of this Supplement.

8.2.4 Resolution of Differences

No additions.

8.2.5 Notification

IECRE 02 Clause 8.2.5 applies with the following additions:

8.2.5.1 Reports to IECRE Executive Secretary

The lead assessor shall submit to the IECRE Executive Secretary an assessment report containing the recommendations of the assessment team, taking into account the declaration submitted together with the application. Such a report shall be in accordance with OD-004. A copy of the assessment report shall be submitted to the representatives of the applicant certification body.

The full report will be shared with the applicant and the IECRE Executive Secretary but is otherwise confidential.

8.2.5.2 Acceptance

Upon successful assessment, the IECRE Executive Secretary shall submit a recommendation to the REMC for approval.

8.2.5.3 Notification

If the decision of the REMC is positive, the IECRE Executive Secretary shall inform the applicant in writing. If the decision of the REMC is negative a provisional approval will be withdrawn, and the Chair of the REMC may, depending on the findings, suggest to the applicant:

- to withdraw the application, or
- to accept a new assessment.

8.2.6 Changes

No additions.

8.2.7 Extension of scope

The following Clause replaces Clause 8.2.7 of IECRE 02:

When an RECB wishes to extend its acceptance to other competence areas in the IECRE System, an application shall be made to the IECRE Executive Secretary. To the extent relevant the assessment team that last assessed the RECB shall give their comments on the application and the intended scope of the new assessment team.

The assessment of the extended scope shall follow the same procedure as the standard assessment or the new-entrant assessment.

8.2.8 Re-Assessment

IECRE 02 Clause 8.2.8 applies with the following additions:

The acceptance of the RECB is valid for a period of five years.

The re-assessment shall follow the same procedure as the standard assessment except that non-conformities must be resolved within 3 months. The re-assessment shall be paid by the RECB in question.

The IECRE Executive Secretary will notify RECBs when re-assessment is required. In case of unsuccessful re-assessment or refusal, the RECB will be suspended according to the rules of 8.2.10.

8.2.9 Withdrawal requested by RECB

No additions.

8.2.10 Suspension and Withdrawal

IECRE 02 Clause 8.2.10 applies with the following additions:

The acceptance of an RECB may be suspended or withdrawn by the REMC, if that RECB no longer fulfils the conditions of 8.2, or if, in the opinion of the REMC, the RECB hampers the aim, operation or development of the IECRE Conformity Assessment System, fails to take action regarding misuse of IECRE conformity statements and certificates or violates these RoP. Before such a decision is made, the RECB shall be given the opportunity to take corrective action over a period of six months and state its own opinion on the matter. A decision to

suspend or withdraw the acceptance of an RECB shall require agreement at a meeting of the REMC by a majority of at least four fifths of the total number of members. Members not attending that meeting shall have the right to cast their vote in writing by registered mail, or email to the IECRE Executive Secretary prior to the meeting. In the case of suspension or withdrawal, the certification body in question shall not be allowed to claim any relationship with the IECRE System.

8.3 Acceptance of Renewable Energy Inspection Bodies (REIBs)

No additions.

NOTE: REIBs are not included in the Wind Energy Sector at this time.

8.4 Acceptance of Renewable Energy Customer Test Facilities (RECTFs)

No additions.

NOTE: It is possible to use tests performed in facilities owned by manufacturers or end-users as long as they meet the requirements in the relevant ODs and follow the rules for RECTF acceptance laid out in IECRE 02 Clause 8.4.

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Annex A: Abbreviations

CAB	Conformity Assessment Board
CB	Certification Body
CSH	Clarification Sheet
IEC	International Electrotechnical Commission
IECRE	IEC System for Certification to Standards Relating to Equipment for Use in Renewable Energy Application
ISO	International Organization for Standardization
OD	Operational Document
RECB	Renewable Energy Certification Body
RECTF	Renewable Energy Customer Test Facility
RETL	Renewable Energy Test Laboratory
RETR	Renewable Energy Test Report
REMC	Management Committee of the IECRE System
RoP	Rules of Procedure
SG	Stakeholder Group
TL	Test Laboratory
WE	Wind Energy
WE- <u>SWG</u>	IECRE Wind Energy Sector <u>Working Group</u>
WG	Working Group



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