



IECEE OPERATIONAL DOCUMENT

IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System)

Certificate of Compliance - Global Motor Energy Efficiency (GMEE) Program





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Equipment and Components (IECEE System)**

Certificate of Compliance - Global Motor Energy Efficiency (GMEE) Program

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RULES OF PROCEDURE OF THE IECEE CERTIFICATE OF COMPLIANCE – GLOBAL MOTOR ENERGY EFFICIENCY (GMEE) PROGRAM

1 Scope

This publication contains the Rules of Procedure for the IECEE Global Motor Energy Efficiency (GMEE) Program. The service is intended to demonstrate the results of testing performed in accordance with *IEC 60034-2-1, Rotating electrical machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)* via a Certificate of Conformity.

The test results shall then confirm an appropriate Efficiency Class (IE-code) in accordance with *IEC 60034-30-1 Rotating electrical machines - Part 30-1: Efficiency classes of line operated AC motors (IE code)*

2 Normative References

The following publication contain provisions which, through reference in this text, constitute modification of these Rules of Procedure.

IECEE 02: Edition 14.0, 2012-06, IECEE System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System), Rules of Procedure, Part I: Scheme of the IECEE for Mutual Recognition of Test Certificates for Electrotechnical Equipment and Components (CB Scheme).

IEC 60034-1 Rotating electrical machines – Part 1: Rating and performance

IEC 60034-2-1 Rotating electrical machines - Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)

IEC 60034-30-1 Rotating electrical machines - Part 30-1: Efficiency classes of line operated AC motors (IE code)

3 Definitions

For the purpose of this publication, the definitions of *IECEE Definitions, Edition 2.0, 2014-06-04*, apply with the following additions:

GMEE	Global Motor Energy Efficiency
IE-code	Rated efficiency class in accordance with IEC 60034-30-1
NCB	National Certification Body

4 Definitions

The Global Motor Energy Efficiency (GMEE) Program is operated following the same Rules of Procedure of the CB Scheme as specified in *IECEE 02, Part I*, and its related Operational Documents (ODs) and Administrative Documents (ADs).

In addition to *IECEE 02, Part I*, the following clauses apply.

4.1 Participation

Participation in the Global Motor Energy Efficiency (GMEE) Program is for IECEE Issuing NCBs only.

Recognizing NCBs do not apply. Although, IECEE Members and other interested stakeholders may determine the suitability and potential further use of such results. As a result, specification of National Differences is not applicable.

4.2 Deliverables

The deliverables for this service include a CB Test Certificate (CBTC) and a Test Report (CBTR).

The results are incorporated into the IECEE online database.

4.2.1 CB Test Certificate (CBTC)

On the CB Test Certificate for the GMEE Program, the conformity is detailed in the conformity section:

“A sample of the product was tested and found to be in conformity with”

The result shall be specified with an inclusion of the standard, program identification, and efficiency class. For example:

60034-2-1(ed.2) GMEE IE3

4.3 Expert Task Force (ETF)

Based on the needs for specific technical expertise for this service, a CTL ETF for GMEE shall be maintained.

A primary responsibility of the ETF shall include the determination of sampling criteria (OD 2041) to ensure consistent application by all NCBs.

4.4 Proficiency Testing Program

A proficiency testing program shall be provided specific to GMEE and administered in accordance with CTL OP 103.

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