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**Rules and procedures for conformity testing and certification of
wind turbine generator system
(English Translation)**

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Foreword

This guideline uses the redrafted law to refer to IEC WT01:2001 "Wind Turbine Qualification Test and Certification System" (English version) preparation. Consistency with IEC WT01:2001 is not equivalent.

The main differences between this guidance document and IEC WT01:2001 are as follows.

--- Removed "IEC Preface" and "Introduction" of IEC WT01:2001 and added the "Preface" to this guidance document;

--- Removed the contents of "1 Name", "2 Purposes", "3 Guidance Documents" and "4 Organizations" in IEC WT01:2001;

--- With the national standard supplement and replace IEC WT01:2001 involved in the IEC and ISO series of standards;

--- In the "definition" to increase the design certification and design certification concept;

--- In the "certification content" to increase the design certification content, equivalent to the design evaluation in IEC WT01:2001;

--- After "certification content" all the content, are revised with IEC WT01:2001 for approval draft IEC 61400-22:2007 (process Draft) replaced the original IEC WT01:2001 content, and delete the "prototype certification" content.

This guidance document is proposed by China Machinery Industry Federation.

This guidance document is subject to the National Wind Machinery Standardization Technical Committee (SAC/TC50).

The drafting of the guidance of technical documents. Beijing Certification Center, China Classification Society, Xinjiang Goldwind Technology Co., Ltd., China Huaneng Source Investment Co., Ltd., the National Wind Machinery Standardization Technical Committee

Secretariat, Air China Hui Teng Wind Power Equipment Co., Ltd.

1 Scope

This Guidance Document sets out the rules and procedures for the certification of WTGs. The procedures for implementing the conformity assessment of WTGs the principles of sequencing and management are described in detail. Conformity assessment will be in accordance with the relevant standards and related technical requirements for wind turbine safety Reliability, performance, testing, and compatibility with the grid.

This guidance document is applicable to any type and specification of wind turbine.

2 Normative references

The following documents contain provisions which, through reference in this Guidance Document, become the provisions of this Guidance Note document. All dated Reference documents, all subsequent amendments (not including errata content), or revisions do not apply to this guidance document, however, drums Recipients of the agreement based on this guidance document are encouraged to study whether the latest versions of these documents are applicable. All undated references the latest version of this document applies to this guidance document.

GB 1094.1-1996 power transformers Part 1. General (eqvIEC 60076-1.1993) GB/T 2900.53 Electrotechnical terminology wind turbine (GB/T 2900.53-2001, idtIEC 60050-415.1999) Test methods for single phase synchronous motors GB/T 14481-2008 GB 17646 small wind turbine safety requirements (GB/T 17646-1998, eqvIEC 61400-2.1996) GB/T 18346 various general requirements for the ability of inspection agencies (GB/T 18346-2001, idtIEC /ISO 17020:1998) GB 18451.1 wind turbine safety requirements (GB 18451.1-2001, idtIEC 61400-1.1999) GB/T 18451.2 wind turbine power characteristics test (GB/T 18451.2-2003, IEC 61400-12:1998, Wind turbinegeneratorsystems-Part 12: Windturbinepowerperformancetesting, IDT) GB/T 19000 Quality Management System Fundamentals and Terminology (GB/T 19000-2008, ISO 9000:2005, IDT) GB/T 19001 quality management system requirements (GB/T 19001-2008, ISO 9001:2008, IDT) GB/T 19073 wind turbine gearbox GB/T 20319 wind turbine acceptance code GB/T 20320 wind turbine power quality measurement and evaluation methods (GB/T 20320-2006, IEC 61400-21.

2001, Measurement and assessmentofpowerqualitycharacteristicsofgirdconnectedwindturbines, IDT) GB/T 22516 wind turbine noise measurement method (GB/T 22516-2008, IEC 61400-11:2002, Wind turbine generator systems-Part 11. Acoustic noise measurement techniques, IDT) GB/T 25383 wind turbine wind turbine blades GB/T 25384 wind turbine wind turbine blade full-scale structure test (GB/T 25384-2010, IEC TS61400-23 Ed1.2001, IDT) GB/Z 25426

wind turbine mechanical load measurement (GB/Z 25426-2010, IEC TS61400-13.2001Ed1, MOD) GB/T 27025 testing and calibration laboratory capacity requirements (GB/T 27025-2008, ISO/IEC 17025:2005, IDT) GB/T 27065 General requirements for product certification bodies (GB/T 27065-2004, ISO/IEC Guide65.1996, IDT)