

# The latest wind turbine generator testing standards



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### [What Are the Key International Standards for Wind Turbines?](#)

International standards play a pivotal role in achieving these goals by providing guidelines and technical specifications. This blog explores the key international standards that



### GB/T 18451.2-2025 in English

This standard provides guidelines for the testing of power characteristics in wind turbines within wind power generation systems. It outlines the procedures and requirements necessary to ensure

## IEC 61400

IEC 61400 is an international standard published by the International Electrotechnical Commission (IEC) regarding wind turbines. IEC 61400 is a set of design requirements made to ensure that wind



## Wind Turbine Standards

IEC 61400-12-1:2022 specifies a procedure for measuring the power performance characteristics of a single wind turbine and applies to the testing of wind turbines

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## New Standard for Wind Turbine Loads and Site

Recognizing the growing challenges associated with load calculations and site condition assessments for wind turbines, DNV has taken the initiative to





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**IEC TS 61400-21-4:2025 , IEC**

IEC TS 61400-21-4:2025 specifies a uniform methodology, defining



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## The New York Times

The move is the latest that Venezuela's leadership has taken to satisfy the Trump administration after a similar law was passed in January to overhaul the oil sector.



## [Distributed Wind Certification Best Practices Guideline](#)

Any wind turbine manufacturer or designer of wind turbines used in distributed generation applications in the United States would find value in the conformity assessment guidance in this guideline.

## Wind Technology Testing Center (WTTC)

WTTC offers the latest wind turbine blade testing and prototype development methodologies to help the wind industry deploy the next generation of offshore



## Wind Testing and Certification

Research, testing, and certification of these wind turbine components are important steps in validating wind turbine component design, performance, and adherence to safety standards.

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