

Wind turbine operating procedures and standards

What are wind turbine safety rules?

The Wind Turbine Safety Rules (WTSRs) are a model set of Safety Rules and procedures to help formalise a Safe System of Work (SSoW) to manage the significant risks associated with a wind turbine, both onshore and offshore.

Can a company deviate from the wind turbine safety rules?

The company adopting the Wind Turbine Safety Rules can elect to deviate from the standard guidance but in doing so, shall be clear where deviations from the industry standard Wind Turbine Safety Rules exist and what controls are in place to manage these changes.

Should wind turbine safety rules be included on the AWP?

In such cases, it will not be necessary to apply the requirements of Wind Turbine Safety Rule C4.2 and where appropriate, any safety precautions that would otherwise have been stated on the ROP should instead be included on the AWP.

What is the wind turbine safety rules support procedure P6?

The Wind Turbine Safety Rules Support Procedure P6, 'Procedure for appointment of persons', defines minimum standards for training. Guidance on the structure of a formal training programme to achieve these standards is contained in Addendum C1 of this Guidance. Throughout the Wind Turbine Safety Rules the term 'work or testing' has been used.

How do I deal with objections to wind turbine safety rules?

A procedure for dealing with any objections to instructions given in the application of the Wind Turbine Safety Rules is specified in Wind Turbine Safety Rules Procedure P3, which can be approved and implemented as a MI.

Who is subject to a formal appointment under the wind turbine safety rules?

Every person with a designated role under the Wind Turbine Safety Rules is subject to a formal appointment in writing by an Organisation, (in the case of AE and AT this appointment follows a formal interview, the purpose of which is to check understanding of the Wind Turbine Safety Rules).

Table 1 IEC TC88 wind turbine standards influencing modifications to Edition 2 . Standard . Title/ subject . JWG modifications to Edition 2 . IEC 61400-1:2019 . Part 1: Design requirements

The objective of the standard is to provide the approach ensuring the structural integrity of the wind power plant assets and components during transport, installation and decommissioning ...

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The power curve is the main characteristic of a wind turbine, and a procedure is presented for its determination, after the wind turbine is installed and in operation. The procedure is based on ...

The International Electrotechnical Commission (IEC) 61400-4 standard for wind turbine gearbox design is currently being revised by a joint working group of experts in IEC ...

IP Standard Test Methods for analysis and testing of petroleum and related products, and British Standard Parts. 2023 ... Wind Turbine Safety Rules Procedure 1: Approval of general ...

Before beginning any construction or demolition of wind turbines, it is crucial to conduct a thorough risk assessment. (Courtesy: Shutterstock) 1 Conduct a thorough risk assessment. Before beginning any ...

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an integrated national offshore wind energy data network. The results of this initiative are intended to 1) produce a comprehensive definition of relevant met-ocean resource assets and needs ...

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