



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50308:2005

ICS 27.180

**WIND TURBINES - PROTECTIVE MEASURES -
REQUIREMENTS FOR DESIGN, OPERATION
AND MAINTENANCE**

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EUROPEAN STANDARD

EN 50308

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English version

**Wind turbines –
Protective measures –
Requirements for design, operation and maintenance**

Aérogénérateurs –
Mesures de protection –
Exigences pour la conception,
le fonctionnement et la maintenance

Windenergieanlagen –
Schutzmaßnahmen –
Anforderungen für Konstruktion,
Betrieb und Wartung

This European Standard was approved by CENELEC on 2004-03-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 88, Wind turbine systems. This standard concerning protective measures stands in conjunction with the set of European standards for wind turbines (EN 61400 series).

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50308 on 2004-03-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2005-03-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2007-03-01

NOTE Revision of this standard will be undertaken as soon as possible.

The contents of the corrigendum of February 2005 have been included in this copy.

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Introduction

For the determination of the hazards described in this standard EN 1050 should be applied.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered is indicated in Clause 1 (Scope).

This standard is a product (family) standard (according to EN 292-1) giving common requirements for the wind turbines mentioned in Clause 1 (Scope).

The document contains a standard part and an informative annex.

Annex A consists of national normative documents and/or regulations that specify either the present safety requirements for personnel or give the national supplements to these minimum requirements at the time this standard was prepared (January 2000).

The format of the standard is based, where possible, on a practical approach for

- manufacturers and designers who have to meet the requirements,
- authorities who have to check the design,
- owners who have legal responsibilities.

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