



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1993-1-9:2005

ICS 91.010.30

**EUROCODE 3: DESIGN OF STEEL  
STRUCTURES - PART 1-9: FATIGUE**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nsai.ie>

**Sales**  
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*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland and comes into  
effect on:  
January 29, 2007*

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Údarás um Chaighdeán Náisiúnta na hÉireann



## National Foreword

This Irish Standard is the official English language version of EN 1993-1-9:2005, prepared by Technical Committee CEN TC 250 "Structural Eurocodes". This document supersedes ENV 1993-1-1:1992.

This standard forms part of a package of 58 Eurocodes, which covers the basis of structural design, actions (loadings), the main structural materials, geotechnical design and design provisions for earthquakes. The European Commission document – Guidance Paper L – Application and Use of Eurocodes provides guidance on the elaboration, implementation and use of Eurocodes.

Where a normative part of this EN allows for a choice to be made at the national level the range, possible choices are given in the normative text, and a Note will qualify it as a Nationally Determined Parameter (NDP).

To enable EN 1993-1-9:2005 to be used in Ireland the Nationally Determined Parameters will be published in a National Annex after public consultation has taken place.

Until the National Annex is available, publication of this European Standard is solely for education/training purposes and this standard should not be used in project design until the relevant National Annex is available.

### **Note: For Use of this European Standard after publication of the Irish National Annex**

**I.S. EN 1993-1-9:2005 may now be used in Ireland. The Nationally Determined Parameters, which have been prepared by the NSAI National Eurocode Advisory Committee, are included as an informative annex to the standard.**

**The National Annex to I.S. EN 1993-1-9:2005 is also available as a separate publication as recommended in Guidance Paper L.**

In line with international standards practice the decimal point is shown as a comma (,) throughout this document
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English version

## Eurocode 3: Design of steel structures - Part 1-9: Fatigue

Eurocode 3: Calcul des structures en acier - Partie 1-9:  
Fatigue

Eurocode 3: Bemessung und Konstruktion von Stahlbauten  
- Teil 1-9: Ermüdung

This European Standard was approved by CEN on 23 April 2004.

CEN 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 CEN 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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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