

Eurocode 3 — Design of steel structures —

Part 3-1: Towers, masts and chimneys — Towers and masts

ICS 91.010.30; 91.080.10

National foreword

This British Standard is the UK implementation of EN 1993-3-1:2006.

The structural Eurocodes are divided into packages by grouping Eurocodes for each of the main materials: concrete, steel, composite concrete and steel, timber, masonry and aluminium; this is to enable a common date of withdrawal (DOW) for all the relevant parts that are needed for a particular design. The conflicting national standards will be withdrawn at the end of the coexistence period, after all the EN Eurocodes of a package are available.

Following publication of the EN, there is a period allowed for national calibration during which the National Annex is issued, followed by a coexistence period of a maximum three years. During the coexistence period Member States are encouraged to adapt their national provisions. Conflicting national standards will be withdrawn by March 2010 at the latest.

In the UK, the following national standards are superseded/partially superseded by BS EN 1993-3-1:2006. These standards will be withdrawn by March 2010 at the latest.

Superseded British Standards	
BS 8100-1:1986	Lattice towers and masts — Code of practice for loading
BS 8100-2:1986	Lattice towers and masts — Guide to the background and use of Part 1 “Code of practice for loading”
BS 8100-3:1999	Lattice towers and masts — Code of practice for strength assessment of members of lattice towers and masts
Partially superseded British Standards	
BS 8100-4:1995	Lattice towers and masts — Code of practice for loading of guyed masts

Where a normative part of this EN allows for a choice to be made at the national level, the range and possible choice will be given in the normative text, and a note will qualify it as a Nationally Determined Parameter (NDP). NDPs can be a specific value for a factor, a specific level or class, a particular method or a particular application rule if several are proposed in the EN.

To enable BS EN 1993-3-1:2006 to be used in the UK, the NDPs will be published in a National Annex, which will be made available by BSI in due course, after public consultation has taken place.

The UK participation in its preparation was entrusted by Technical Committee B/525, Building and civil engineering structures, to Subcommittee B/525/32, Towers and masts.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

Amendments/corrigenda issued since publication

Date	Comments

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EUROPEAN STANDARD

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English Version

Eurocode 3 - Design of steel structures - Part 3-1: Towers, masts and chimneys - Towers and masts

Eurocode 3 - Calcul des structures en acier - Partie 3-1:
Tours, mâts et cheminées - Pylônes et mâts haubannés

Eurocode 3 - Bemessung und Konstruktion von
Stahlbauten - Teil 3-1: Türme, Maste und Schornsteine -
Türme und Maste

This European Standard was approved by CEN on 9 January 2006.

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