

Eurocode 3: Design of steel structures —

Part 1-10: Material toughness and through-thickness properties

This European Standard EN 1993-1-10:2005 has the status of a
British Standard

ICS 91.010.30

National foreword

This British Standard is the official English language version of EN 1993-1-10:2005, including Corrigendum December 2005. It supersedes DD ENV 1993-1-1:1992, which is withdrawn.

NOTE Corrigendum No. 1 implements CEN Corrigendum December 2005, which adds “P” after the clause number and replaces “should” with “shall” in 2.1(3).

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 The conflicting national standards will be withdrawn at the end of the coexistence period, after all the EN Eurocodes of a package are available.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 3 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 Conflicting national standards will be withdrawn by March 2010 at the latest.

BS EN 1993-1-10 will partially supersede BS 449-2, BS 5400-3 and BS 5950-1, which will be withdrawn by March 2010.

The UK participation in its preparation was entrusted by Technical Committee B/525, Building and civil engineering structures, to Subcommittee B/525/31, Structural use of steel, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

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 EN 1993-1-10 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.

This British Standard, was published under the authority of the Standards Policy and Strategy Committee on 18 May 2005

Amendments issued since publication

Amd. No.	Date	Comments
16293 Corrigendum No. 1	June 2006	See note in national foreword
16569 Corrigendum No. 2	September 2006	Revision of national foreword and supersession details