

Eurocode 1 — Actions on structures —

Part 1-7: General actions — Accidental actions

ICS 91.010.30

National foreword

This British Standard is the UK implementation of EN 1991-1-7:2006+A1:2014, incorporating corrigendum February 2010. It supersedes BS EN 1991-1-7:2006, which is withdrawn.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags. Text altered by CEN corrigendum February is indicated in the text by $\langle \text{AC1} \rangle$ $\langle \text{AC1} \rangle$.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by $\langle \text{A1} \rangle$ $\langle \text{A1} \rangle$.

CEN amendment A1:2014 introduces a revised informative Annex, Annex D. The UK committee noted technical errors in subclause D.4 regarding explosions in ducts. Annex D of BS EN 1991-1-7:2006+A1:2014 can therefore be used only if it is complemented by further guidance available in the forthcoming PD 6688-1-7.

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 The conflicting national standards will be withdrawn at the end of the coexistence period, after all the EN Eurocodes of a package are available.

In the UK, the following national standards are superseded by the Eurocode 1 series. These standards will be withdrawn on a date to be announced.

Eurocode	Superseded British Standards
EN 1991-1-1	BS 6399-1:1996
EN 1991-1-2	none
EN 1991-1-3	BS 6399-3:1998
EN 1991-1-4	BS 6399-2:1997, BS 5400-2:2006
EN 1991-1-5	BS 5400-2:2006
EN 1991-1-6	none
EN 1991-1-7	BS 5400-2:2006
EN 1991-2	BS 5400-1:1998, BS 5400-2:2006
EN 1991-3	none
EN 1991-4	none

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Amendments/corrigenda issued since publication

Date	Comments
30 April 2010	Implementation of CEN corrigendum February 2010
31 July 2014	Implementation of CEN amendment A1:2014

The UK participation in its preparation was entrusted by Technical Committee B/525, Building and civil engineering structures, to Subcommittee B/525/1, Actions (loadings) and basis of design.

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 BS EN 1991-1-7:2006+A1:2014 to be used in the UK, the latest version of the NA to this Standard containing these NDPs should also be used. At the time of publication, it is NA+A1:2014 to BS EN 1991-1-7:2006+A1:2014.

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.