

NA to BS EN 1993-3-1:2006



BSI Standards Publication

UK National Annex to Eurocode 3: Design of steel structures

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

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Summary of pages

This document comprises a front cover, an inside front cover, pages 1 to 22, an inside back cover and a back cover.

National Annex NA (informative) to BS EN 1993-3-1:2006, Eurocode 3 – Design of steel structures – Part 3-1: Towers, masts and chimneys – Towers and masts

Introduction

This National Annex has been prepared by BSI Subcommittee B/525/32, *Towers and masts*. It is to be used in conjunction with BS EN 1993-3-1:2006+C1:2009.

The content of this National Annex to BS EN 1993-3-1 is critically dependent on the content and formulation for wind actions in the National Annex to BS EN 1991-1-4, *Wind actions*, which was published in October 2008. However, there has been no National Calibration Period, as envisaged in Guidance Paper L [1], and the co-existence period before withdrawal of the National Standard (BS 8100) has been curtailed from the minimum three years specified in Guidance Paper L [1]. Therefore, no calibration studies have yet been undertaken on BS EN 1993-3-1 and its National Annex. It is therefore strongly recommended that, in using these documents, design is undertaken using recognized documents in parallel with these.

It is an assumption of this NA that all structures will be maintained in accordance with the minimum requirements of their designers. Recommended content for a maintenance manual providing this information is given in PD 6695-3-1 (in preparation).

NA.1 Scope

This National Annex gives:

- a) the UK decisions for the Nationally Determined Parameters described in the following subclauses of BS EN 1993-3-1:2006:
- | | | |
|------------------|--------------------|--------------------|
| — 2.1.1(3)P Note | — 6.4.2(2) | — B.4.3.2.8.1(4) |
| — 2.3.1(1) | — 6.5.1(1) | — C.2(1) |
| — 2.3.2(1) | — 7.1(1) | — C.6(1) |
| — 2.3.6(2) | — 9.5(1) | — D.1.1(1) |
| — 2.3.7(1) | — A.1(1) | — D.1.2(2) |
| — 2.3.7(4) | — A.2(1) (2 times) | — D.3(6) (2 times) |
| — 2.5(1) | — B.1.1(1) | — D.4.1(1) |
| — 2.6(1) | — B.2.1.1(5) | — D.4.2(3) |
| — 4.1(1) | — B.2.3(1) | — D.4.3(1) |
| — 4.2(1) | — B.2.3(3) | — D.4.4 (1) |
| — 5.1(6) | — B.3.2.2.6(4) | — F.4.2.1(1) |
| — 5.2.4(1) | — B.3.3(1) | — F.4.2.2(2) |
| — 6.1 (1) | — B.3.3(2) | — G.1(3) |
| — 6.3.1(1) | — B.4.3.2.2(2) | — H.2(5) |
| — 6.4.1(1) | — B.4.3.2.3(1) | — H.2(7) |