

DIN EN 1991-1-4/NA



ICS 91.010.30

Together with
DIN EN 1991-1-4:2010-12,
supersedes
DIN 1055-4:2005-03 and
DIN 1055-4 Corrigendum
1:2006-03

**National Annex –
Nationally determined parameters –
Eurocode 1: Actions on structures – Part 1-4: General actions –
Wind actions
English translation of DIN EN 1991-1-4/NA:2010-12**

Nationaler Anhang –
National festgelegte Parameter –
Eurocode 1: Einwirkungen auf Tragwerke – Teil 1-4: Allgemeine Einwirkungen –
Windlasten
Englische Übersetzung von DIN EN 1991-1-4/NA:2010-12
Annexe Nationale –
Paramètres déterminés au plan national –
Eurocode 1: Actions sur les structures – Partie 1-4: Actions générales – Actions du vent
Traduction anglaise de DIN EN 1991-1-4/NA:2010-12

Document comprises 45 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

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Foreword

This document has been prepared by Working Committee NA 005-51-02 AA *Einwirkungen auf Bauten* (Sp CEN/TC 250/SC 1) of the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee).

This document is the National Annex to DIN EN 1991-1-4:2010-12, *Eurocode 1: Actions on structures — Part 1-4: General actions — Wind actions*.

European Standard EN 1991-1-4 allows national safety parameters, referred to as Nationally Determined Parameters (NDPs), to be specified for a number of points. The NDPs cover alternative verification methods, the provision of individual values and the selection of classes from designated classification systems. The relevant parts of the text are identified in the European Standard by references to the possibility of national choice and are listed in Clause NA.2.1. This National Annex also includes non-contradictory complementary information (NCI) for the application of DIN EN 1991-1-4:2010-12.

This National Annex is an integral part of DIN EN 1991-1-4:2010-12.

Together, DIN EN 1991-1-4:2010-12 and this National Annex DIN EN 1991-1-4/NA:2010-12 supersede DIN 1055-4:2005-03.

Amendments

This document differs from DIN 1055-4:2005-03 and DIN 1055-4 Corrigendum 1:2006-03 as follows:

- a) Provisions from DIN 1055-4 have been incorporated which are to be taken into account when applying DIN EN 1991-1-4 nationally.

Previous editions

DIN 1055-4: 1938xxx-06, 1977-05, 1986-08, 2005-03

DIN 1055-4 Supplement: 1939-06, 1941-02

DIN 1055-4/A1: 1987-06

DIN 1055-4 Corrigendum 1: 2006-03

NA.1 Scope

This National Annex contains national “guidance on the determination of natural wind actions for the structural design of buildings and civil engineering works for each of the loaded areas under consideration”, that is to be taken into consideration when applying DIN EN 1991-1-4:2010-12 in Germany.

This National Annex is only valid in conjunction with DIN EN 1991-1-4:2010-12.

NA.2 National provisions for the application of DIN EN 1991-1-4:2010-12

NA.2.1 General

DIN EN 1991-1-4:2010-12 refers to the option of choosing Nationally Determined Parameters (NDPs) at the following places in the text:

- | | |
|--------------------------------|----------------------------|
| — 1.1(11) Note 1 | — 7.6(1) Note 1 |
| — 1.5(2) | — 7.7(1) Note 1 |
| — 4.1(1) | — 7.8(1) |
| — 4.2(1)P Note 2 | — 7.10(1) Note 1 |
| — 4.2(2)P Notes 1, 2, 3, and 5 | — 7.11(1) Note 2 |
| — 4.3.1(1) Notes 1 and 2 | — 7.13(1) |
| — 4.3.2(1) | — 7.13(2) |
| — 4.3.2(2) | — 8.1(1) Notes 1 and 2 |
| — 4.3.3(1) | — 8.1(4) |
| — 4.3.4(1) | — 8.1(5) |
| — 4.3.5(1) | — 8.2(1) Note 1 |
| — 4.4(1) Note 2 | — 8.3(1) |
| — 4.5(1) Notes 1 and 2 | — 8.3.1(2) |
| — 5.3(5) | — 8.3.2(1) |
| — 6.1(1) | — 8.3.3(1) Note 1 |
| — 6.3.1(1) Note 3 | — 8.3.4(1) |
| — 6.3.2(1) | — 8.4.2(1) Notes 1 and 2 |
| — 7.1.2(2) | — A.2(1) |
| — 7.1.3(1) | — E.1.3.3(1) |
| — 7.2.1(1) Note 2 | — E.1.5.1(1) Notes 1 and 2 |
| — 7.2.2(1) | — E.1.5.1(3) |
| — 7.2.2(2) Note 1 | — E.1.5.2.6(1) Note 1 |
| — 7.2.8(1) | — E.1.5.3(2) Note 1 |
| — 7.2.9(2) | — E.1.5.3(4) |
| — 7.2.10(3) Notes 1 and 2 | — E.1.5.3(6) |
| — 7.4.1(1) | — E.3(2) |
| — 7.4.3(2) | |

In addition, NA 2.2 includes non-contradictory complementary information for the application of DIN EN 1991-1-4:2010-12. This information is preceded by the letters “NCI”.

- 1.1(2)
- 1.1(6)
- 1.2
- 7.2.3
- Annexes A to V
- Bibliography.