DIN EN 1993-1-1/NA:2026-04 (E)

National Annex to DIN EN 1993-1-1:2025-04 - Eurocode 3 - Design of steel structures - Part 1-1: General rules and rules for buildings

Contents

Page

Foreword ... 4

NA.1 Scope ... 6

NA.2 National provisions ... 6
NA.2.1 General ... 6
NA.2.2 National provisions ... 6
NCI re 0.5 National Annex for EN 1993-1-1 ... 6
NCI re 2 Normative references ... 6
NCI re 4.1.3(1) ... 7
NCI re 4.3.1(4) ... 7
NCI re 4.3.1(5) ... 8
NCI re 4.3.2(3), Note ... 8
NCI re 4.4.1(1) ... 8
NDP re 4.4.3(2), Note ... 8
NCI re 4.4.4(1) ... 8
NCI re 4.4.5(1) ... 8
NCI re 4.5(1), Note ... 8
NDP re 5.1(1), Note ... 8
NDP re 5.2.1(1), Note 1 and Note 2 ... 10
NDP re 5.2.2(1), Note ... 10
NCI re 5.2.3(1), Note ... 10
NCI re 7.1 Structural modelling for analysis ... 10
NCI re 7.1.1 Basic assumptions ... 10
NCI re 7.1.1(1) ... 11
NDP re 7.2.1(4), Note 1 ... 11
NDP re 7.2.2(9), Note ... 12
NDP re 7.3.3.1(1), Note ... 12
NCI re 7.3.3.2(1), Table 7.2 ... 12
NDP re 7.3.3.2(1), Note ... 12
NDP re 7.4.1(3), Note ... 12
NDP re 8.1(1), Note 1B ... 12
NDP re 8.1(1), Note 3 ... 13
NCI re 8.2.1(7), Note 1 ... 13
NDP re 8.2.8(3), Note ... 13
NCI re 8.2.8(4), Formula (8.37) ... 14
NCI re 8.2.10(3), Formula (8.61) ... 14
NCI re 8.2.11 ... 14
NCI re 8.3.1.1(5) ... 15
NDP re 8.3.2.3(1), Note ... 15
NDP re 8.3.3(2), Note 1 ... 15
NDP re 8.3.4(1), Note ... 15
NCI re 8.3.5.3 ... 16
NCI re 9.1(2) ... 16
NCI re 9.1(3) ... 16
NCI re 9.2(1)B ... 16
NCI re 9.2(2)B ... 16
NDP re 9.2(2)B, Note B ... 16
NDP re 10(3), Note 2 ... 16

NDP re A.4(2), Note 2, A.4(3), Note, and A.4(5), Note **16**
NCI re D.3(1) **18**
NDP re Annex E "Basis for the calibration of partial factors" **19**
NCI re E.3(3) and E.3(4) **19**

Bibliography **20**

Figures

Figure NA.1 — Allowance for the upper limit of yield strength (example) **11**

Tables

Table NA.1 — Equivalence criterion **9**

Table NA.2 — Alternative criterion "adequate toughness of the upper-shelf zone by pendulum impact testing" **9**

Table NA.3 — Selecting the buckling curve **16**

Table NA.4 — Factor K_θ for considering the moment distribution and the type of restraint **18**