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NORME EUROPÉENNE

EUROPÄISCHE NORM

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English version
Version Française
Deutsche Fassung

Eurocode 3 - Design of steel structures - Part 2: Steel Bridges

**Eurocode 3 - Calcul des structures en acier
- Partie 2: Ponts métalliques**

**Eurocode 3 - Bemessung und konstruktion
von Stahlbauten - Teil 2: Stahlbrücken**

This corrigendum becomes effective on 22 July 2009 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 22 juillet 2009 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 22.Juli 2009 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Ref. No.: EN 1993-2:2006/AC:2009 D/E/F

1) Modification to "National annex for EN 1993-2"

2nd paragraph, list of national choice, replace "6.2.2.4(1)" with "6.2.2.5(1)".

2) Modification to 3.3.1.1

Paragraph "(1)", replace "2.8: Group 4" with "1.2.4: Group 4".

3) Modifications to 3.3.1.2

Paragraph "(1)", replace "2.8: Group 4" with "1.2.4: Group 4".

Paragraph "(1)", replace "2.8: Group 7" with "1.2.7: Group 7".

4) Modification to 3.3.1.3

Paragraph "(1)", replace "2.8: Group 6" with "1.2.6: Group 6".

5) Modifications to 3.3.1.4

Paragraph "(1)", replace "2.8: Group 1" with "1.2.1: Group 1".

Paragraph "(1)", replace "2.8: Group 4" with "1.2.4: Group 4".

6) Modification to 3.3.2

Paragraph "(1)", replace "2.8: Group 5" with "1.2.5: Group 5".

7) Modification to 5.2.1

Paragraph "(4)", replace "The bridges and components may be checked with first order theory if the following criterion is satisfied for each section:" with "Bridges may be checked with first order theory if the following criterion is satisfied:".

8) Modification to 6.2.2.6

Paragraph "(2)", replace "to class 3 section" with "to class 4 section".

9) Modification to 6.2.7.1

Paragraph "(2)", replace ", or of diaphragms" with ", and/or of diaphragms".

10) Modifications to 6.3.4.2

Paragraph "(2)", "NOTE 2", replace "chords and flanges" with "flanges and/or chords" and replace "or chords." with "and/or chords.".

Paragraph "(6)", replace "If the compression force N_{Ed} is" with "If the design value of the compression force N_{Ed} is".

Paragraph "(6)", replace "where N_E is the critical load" with "where N_E is the elastic critical load".

11) Modification to 7.4

Paragraph "(3)", replace " $\sigma_E = 190000 \left(\frac{t}{b} \right)^2$ " with " $\sigma_E = 190000 \left(\frac{t}{b_p} \right)^2$ ".

12) Modification to 8.2.5.2

Paragraph "(1)", replace the reference to "4.7.2(1), (2) and (3) of EN 1993-1-8" with "4.7.2(1) and (2) of EN 1993-1-8".

13) Modification to 8.2.8

Paragraph "(1)", replace the reference to "4.10(1), (2), (3), (4), (5) and (6) of EN 1993-1-8" with "4.10(1), (2), (3), (4) and (5) of EN 1993-1-8".

14) Modifications to 9.4.1

Paragraph "(4)", replace " $\Delta\sigma_{E2}$ " with " $\Delta\sigma_{E,2}$ ".

Paragraph "(6)", replace "fatigue stress spectra" with "stress-range spectra".

15) Modifications to 9.5.2

Paragraph "(1)", replace the reference to "(8)" with "(7)".

Paragraph "(2)", list entry "d", replace "for hangers, twice the length of hangers;" with "for hangers, twice the distance between hangers".

Paragraph "(7)", replace "fatigue stress spectra." with "stress-range spectrum."

16) Modification to 9.6

Paragraph "(2)", "Table 9.8", replace "Free edges of cope holes in webs of webs of crossbeams around soffits of stiffeners, see Figure 9.4" with "Free edges of cope holes in webs of crossbeams, see Figure 9.4".

17) Modification to A.1

Paragraph "(1)", replace in various places "vertical bearing capacity" with "vertical bearing resistance".

18) Modification to A.5.4

Paragraph "(3)", "NOTE", delete "Moments determined".

19) Modification to A.5.7

Paragraph "(1)", replace "variable rigidity" with "variable rigidity for compression".

20) Modification to B.2.2

Paragraph "(1)", list entry "4.", replace "including standard actions" with "including persistent actions".

21)Modification to C.1.1

Paragraph "(2)", "NOTE", replace "For technical information, see National Annex." with "The National Annex may give additional technical information."

22)Modification to C.1.3.5.4

Paragraph "(1)", replace "Figure C.11" with "Figure C.10".

23)Modification to D.1

Paragraph "(3)", replace "5.3.2(10) of EN 1993-1-1" with "5.3.2(11) of EN 1993-1-1".

24)Modifications to D.2.4

Paragraph "(2)", "Table D.3", Title, replace "for trusses without posts" with "for trusses".

Paragraph "(2)", "Table D.3", row "2a", 2nd column, replace "flexural stiffness I_I " with "flexural stiffness EI_I "; and replace "torsional stiffness I_T " with "torsional stiffness GI_T ".

25)Modifications to D.3.2

Paragraph "(1)", replace "with rigid supports" with "with hinged or rigid supports".

Paragraph "(2)", "Table D.4", last line, add:

"for K_r the radial loading (e.g. hydrostatic pressure) is supposed".

26)Modification to D.3.3

Paragraph "(1)", "Table D.7", replace " $1 - 0,45 \frac{q_{St}}{q}$ " with " $1 + 0,45 \frac{q_{St}}{q}$ ".

27)Modification to D.3.4

Paragraph "(3)", replace "the mean of all lengths $h_H \frac{1}{\sin \alpha_k}$ of the hangers" with "the mean of all lengths h_H of the hangers multiplied by $\frac{1}{\sin \alpha_k}$, where α_k (constant) is taken from Figure D.5".

28)Modification to D.3.5

Paragraph "(1)", replace "see 5.3.2(10)" with "see 5.3.2(11)".

29)Modification to E.1

Paragraph "(2)", under Equation "(E.2)", definition of " σ_{Ed} ", replace " σ_{loc} " with " $\sigma_{loc,Ed}$ "; and replace " σ_{glob} " with " $\sigma_{glob,Ed}$ ".