Polski Komitet Normalizacyjny

POPRAWKA do POLSKIEJ NORMY

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PN-EN 1992-2:2006/AC

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Eurokod 2: Projektowanie konstrukcji z betonu -- Część 2: Mosty betonowe: Projektowanie i szczegółowe zasady

Na wniosek Komitetu Technicznego nr 251
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EUROPEAN STANDARD

NORME EUROPÉENNE

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EN 1992-2:2005/AC

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ICS 93.040; 91.010.30; 91.080.40

English version
Version Française
Deutsche Fassung

Eurocode 2 - Design of concrete structures - Concrete bridges - Design and detailing rules

Eurocode 2 - Calcul des structures en béton - Partie 2: Ponts en béton - Calcul et dispositions constructives

Eurocode 2 - Bemessung und Konstruktion von Stahlbeton- und Spannbetontragwerken - Teil 2: Betonbrücken - Bemessungs- und Konstruktionsregeln

This corrigendum becomes effective on 30 July 2008 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 30 juillet 2008 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 30.Juli 2008 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Ref. No.:EN 1992-2:2005/AC:2008 D/E/F

SECTION 6 ULTIMATE LIMIT STATES (ULS)

Page 27

*In **Figure 6.103** in 6.2.3 replace:*

"C Tension chord of truss (external tendon)"

with the following:

"C Tension chord of truss (external or internal unbonded tendon).".

Page 29

*In **6.3.2 (102)** 2nd paragraph, replace:*

"The maximum bearing capacity of a member loaded in shear and torsion follows from 6.3.2 (4)."

with the following:

"The maximum bearing capacity of a member loaded in shear and torsion follows from 6.3.2 (104).".

Page 30

*In **6.3.2 (104)** replace:*

"…where ν follows from 6.2.2 (6) of EN 1992-1-1 and α_{cw} from Expression (6.9))."

with the following:

"…where ν follows from 6.2.2 (6.6N) of EN 1992-1-1 and α_{cw} from Expression (6.9)).".

Page 33

*In **6.8.7 (101)** replace Expression (6.106):*

"$N_i = 10\exp\left(14\left(1-\frac{E_{cd,max,i}}{\sqrt{1-R_i}}\right)\right)$"

with the following:

"$N_i = 10^{\left(14\frac{1-E_{cd,max,i}}{\sqrt{1-R_i}}\right)}$".

SECTION 7 SERVICEABILITY LIMIT STATES (SLS)

Page 39

*In **7.3.2 (105)** replace:*

"…to cater for shrinkage, $f_{ct,eff}$ in Expression (7.1) of EN 1992-1-1 should be taken as..."

with the following:

"…to cater for shrinkage, $f_{ct,eff}$ in Expression (7.1) should be taken as...".

Page 39

*Delete sub-clause **7.4.2**:*

"**7.4.2 Cases where calculations may be omitted**

This clause does not apply.".

ANNEX B (INFORMATIVE)

Page 54

*In **B.105 (103)** replace:*

"For concrete aged 1 year or more...and by Expressions (B.16) and (B118) of EN 1991-2... "

with the following:

"For concrete aged 1 year or more...and by Expressions (B.116) and (B118) of EN 1991-2... ".

ANNEX J (INFORMATIVE)

Page 60

*In **J.104.1 (104)** replace:*

"…The reinforcement provided to avoid edge sliding shall be adequately anchored"

with the following:

"…The reinforcement provided to avoid edge sliding should be adequately anchored".

Page 61

*In **J.104.2 (102)** in the fourth dash replace:*

"…The prisms associated with different anchorages may overlap (this can occur when the tendons are not parallel) but should remain inside the concrete."

with the following:

"…The prisms associated with different anchorages may overlap when the tendons are not parallel, but should remain inside the concrete.".

ANNEX KK (INFORMATIVE)

Page 63

*In **KK.2 (101)** replace:*

"...of internal actions, shall be considered, in general, in serviceability conditions."

with the following:

"...of internal actions, should be considered, in general, in serviceability conditions.".

Page 66

*In **KK.5 (104)** replace Expression (KK.109):*

" $D(t) = D_{el}(t_0)$ "

with the following:

" $D(t) = D_{el}(t)$ ".

Page 67

*In **KK.6 (102)** replace:*

"...which would result from an increase in stress applied...."

with the following:

"...which would result from a variation in stress applied....".

*In **KK.6 (102)** replace Expression (KK.118):*

" $\int_{\tau=t_0}^{t} \left[1+\varphi(t,\tau)\right] d\sigma(\tau) = \left[1+\chi(t,t_0)\varphi(t,t_0)\right]\Delta\sigma_{t_0\to t}$ "

with the following:

" $\int_{\tau=t_0}^{t} \left[\frac{E_c(28)}{E_c(\tau)}+\varphi_{28}(t,\tau)\right] d\sigma(\tau) = \left[\frac{E_c(28)}{E_c(t_0)}+\chi(t,t_0)\varphi_{28}(t,\tau)\right]\Delta\sigma_{t_0\to t}$ ".

*In **KK.7 (101)** replace Expression (KK.119):*

" $S_\infty = S_0 + (S_c - S_0)\frac{\varphi(\infty,t_0)-\varphi(t_c,t_0)}{1+\chi\varphi(\infty,t_c)}$ "

with the following:

" $S_\infty = S_0 + (S_1 - S_0)\frac{E_c(t_1)}{E_c(t_0)}\left[\frac{\varphi(\infty,t_0)-\varphi(t_1,t_0)}{1+\chi\varphi(\infty,t_1)}\right]$ ".

*In **KK.7 (101)** replace:*

"S_c represents the internal forces that are obtained if the structure is constructed on centering."

with the following:

"S_1 represents the internal forces in the final static scheme.".

*In **KK.7 (101)** replace:*

"t_0 is the concrete age on application of the load."

with the following:

"t_0 is the concrete age at application of the constant permanent loads.".

*In **KK.7 (101)** replace:*

"t_c is the age of the concrete when the support conditions are changed."

with the following:

"t_1 is the age of concrete when the restraint conditions are changed.".

ANNEX LL (INFORMATIVE)

Page 72

*In **LL (112)** replace:*

"...elements, using the design rules of clause 6 (109) and Annex F."

with the following:

"...elements, using the design rules of 6.109 and Annex F.".

*In **LL (113)** replace:*

"…assuming the thickness of the outer layers to be twice the concrete cover, therefore:"

with the following:

"…assuming the thickness of the outer layers to be twice the edge distance to the gravity centre of reinforcement, therefore:".

ANNEX OO (INFORMATIVE)

Page 89

*In **OO.2 (105)** replace:*

"In addition to the reinforcement obtained on the basis of the resistance mechanisms identified above, it will be necessary to have the load reinforcement concentrated on the area located on the supports."

with the following:

"In addition to the reinforcement obtained on the basis of the above resistant mechanism, splitting reinforcement should be provided, if necessary, with regard to concentrated support forces.".

ANNEX PP (INFORMATIVE)

Page 92

*In **PP.1 (101)** replace:*

"…reverse application of inequalities 5.102a and 5.102b is shown diagramatically in Figures... "

with the following:

"…reverse application of inequalities (5.102 aN) and (5.102 bN) is shown diagrammatically in Figures... ".

Page 93

*In **PP.1 (102)** replace:*

"…the application of inequalities 5.102 a and b is illustrated in Figures... "

with the following:

"…the application of inequalities (5.102 aN) and (5.102 bN) is illustrated in Figures... ".