

EUROPEAN STANDARD

EN 1993-4-2:2007/AC

NORME EUROPÉENNE

July 2009

EUROPÄISCHE NORM

Juillet 2009

Juli 2009

ICS 23.020.01; 91.010.30; 91.080.10

English version
Version Française
Deutsche Fassung

Eurocode 3 - Design of steel structures - Part 4-2: Tanks

Eurocode 3 - Calcul des structures en acier
- Partie 4-2: Réservoirs

Eurocode 3: Bemessung und Konstruktion
von Stahlbauten - Teil 4-2: Tankbauwerke

This corrigendum becomes effective on 29 July 2009 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 29 juillet 2009 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 29. 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

Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2009 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.
Tous droits d'exploitation sous quelque forme et de quelque manière que ce soit réservés dans le monde entier aux membres nationaux du CEN.
Alle Rechte der Verwertung, gleich in welcher Form und in welchem Verfahren, sind weltweit den nationalen Mitgliedern von CEN vorbehalten.

Ref. No.: EN 1993-4-2:2007/AC:2009 D/E/F

1) Modification to Foreword

1st paragraph, replace "Eurocode 3: Design of steel structures: "Design of Steel Structures – Part 4-2: Tanks"" with "Eurocode 3: "Design of Steel Structures – Part 4-2: Tanks"".

2) Modifications to 1.1

Paragraph "(1)", between "cylindrical" and "above", add "and rectangular".

Paragraph "(1)", list entry "c)", replace "cylindrical shell" with "cylindrical and rectangular tank".

3) Modification to 1.2

Reference to "EN 10025", replace "Hot rolled products of non-alloy structural steels – technical delivery conditions" with "Hot rolled products of structural steels".

4) Modification to 1.5.1

Last sentence, replace "1.7.2" with "1.5.9".

5) Modification to 1.5.9

2nd sentence, replace "1.4.1" with "1.5.1".

6) Modification to 1.5.22

Replace "position" with "situation".

7) Modifications to 1.7.1

Paragraph "(4)", replace "(outward pressure)" with "(outward pressure positive)".

Paragraph "(4)", "Figure 1.1", Subfigure "a)", Title, replace "with general" with "with global".

8) Modifications to 1.7.2

Paragraph "(3)", replace "1.8.4" with "1.7.4".

Paragraph "(4)", "Figure 1.2", Subfigure "a)", Title, replace "with general" with "with global".

9) Modification to 1.7.4

Paragraph "(2)", "NOTE", replace:

" m_y circumferential bending stress resultant in rectangular boxes"

with:

" m_y circumferential bending moment per unit width in rectangular boxes".

10) Modifications to 2.2

Paragraph "(2)P", replace "(2)P" with "(2)".

Paragraph "(2)[P]", replace "shall" with "should".

11) Modifications to 2.9.2.1

Paragraph "(1)P", "NOTE", replace "partial safety factors" with "partial factors".

Paragraph "(2)P", "NOTE", replace "partial safety factors" with "partial factors".

12) Modification to 3.2

Paragraph "(2)", replace "EN 10049" with "EN 10149".

13) Modification to 4.1.2

Paragraph "(1)", replace "EN 10049" with "EN 10149".

14) Modification to 4.3.1

Paragraph "(8)", "NOTE", replace " $n_{ew} = 15$ " with " $n_{ew} = 15\epsilon$ ".

15) Modification to 5.4.7

Paragraph "(4)", replace "5.4.5" with "1993-4-1".

16) Modification to 7.4.3

Paragraph "(3)", Equation "(7.1)", replace " $A \leq$ " with " $A \geq$ ".

17) Modification to 9.3.2

Paragraph "(3)", "NOTE", replace "water tightness" with "liquid tightness".

18) Modifications to 11.2.1

Paragraph "(5)", Equation "(11.4)", replace "1,21E" with "1,25E".

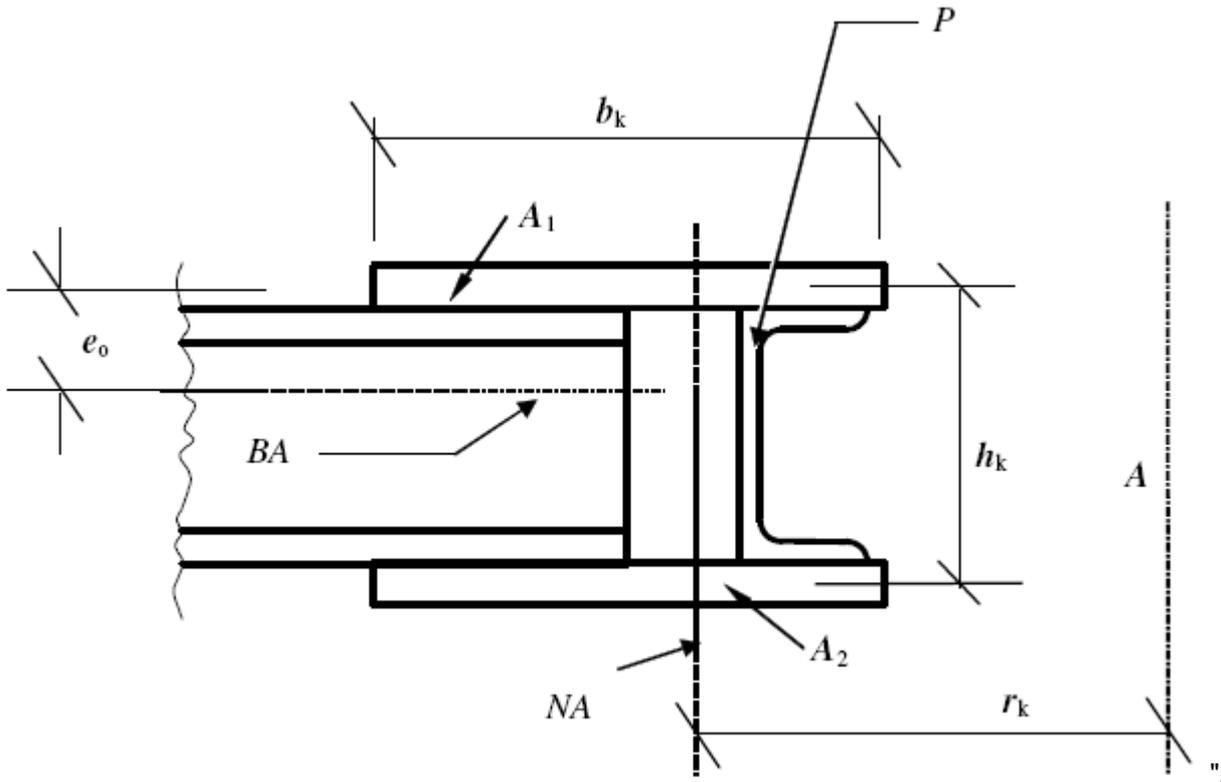
Paragraph "(6)", delete "(Silos)".

19) Modifications to 11.2.2

Paragraph "(7)", Equation "(11.8)", replace " $p_{vEd} \geq 1,2$ " with " $p_{v,Ed} \leq 1,2$ ".

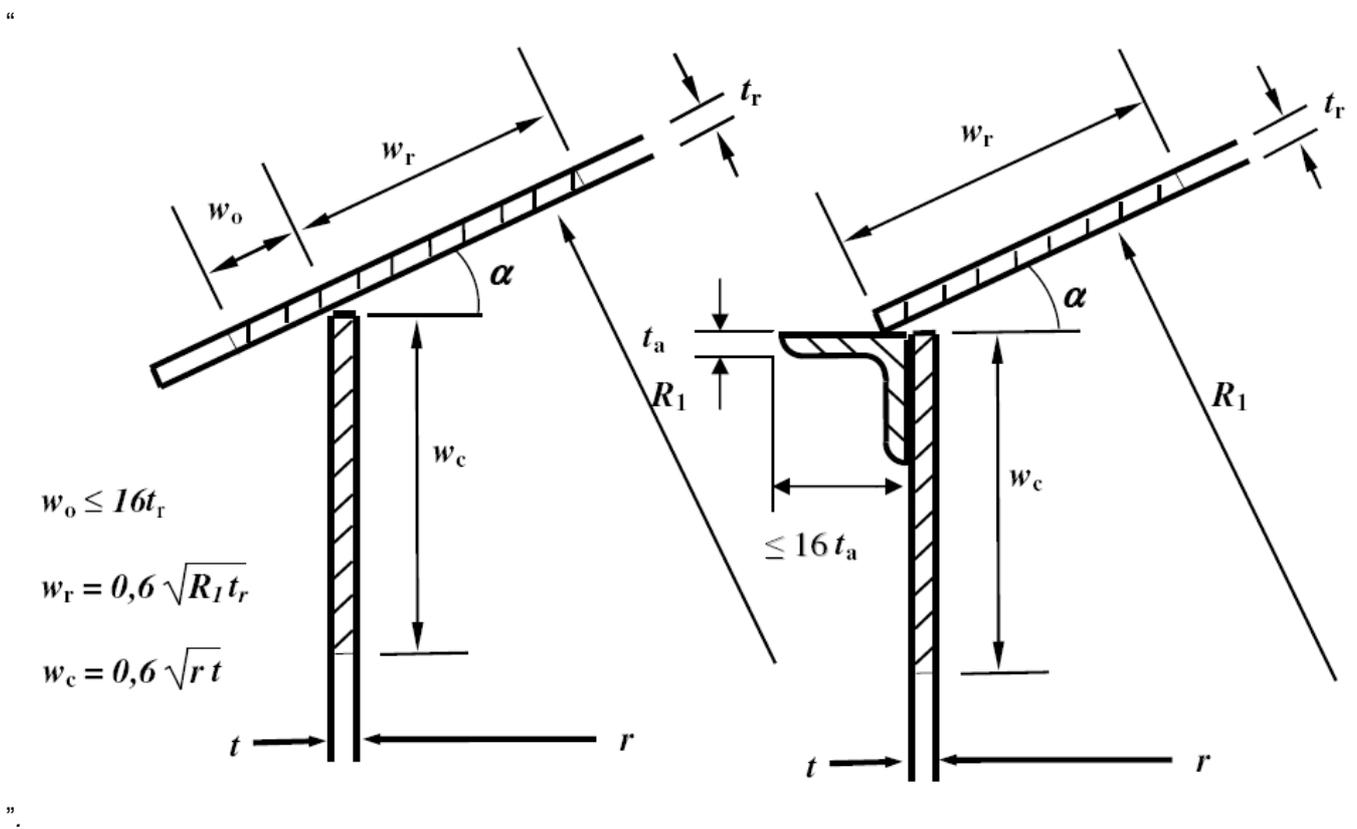
Paragraph "(7)", Equation "(11.9)", replace " N_d " with " N_{Ed} ".

Paragraph "(10)", "Figure 11.3", replace the figure with the following one:



20) Modification to 11.2.5

Paragraph "(5)", "Figure 11.4", replace the figure with the following one:



21) Modification to 11.3.1

Paragraph "(1)", definition of " ρ_{Ed} ", replace "annex A" with "2.9.2.1".

22) Modification to A.2.14

"Figure A.1", note "1)", replace two times " C_p " with " c_p ".