

SVENSK STANDARD

SS-EN 1993-4-2:2007/AC:2009

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Eurokod 3: Dimensionering av stålkonstruktioner – Del 4-2: Cisterner

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

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The European Standard EN 1993-4-2:2007/AC:2009 has the status of a Swedish Standard. This document contains the official English version of EN 1993-4-2:2007/AC:2009.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1993-4-2:2007/AC

July 2009

ICS 23.020.01; 91.010.30; 91.080.10

English version

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.



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

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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 " $n_{ew} = 15e$ ".

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".

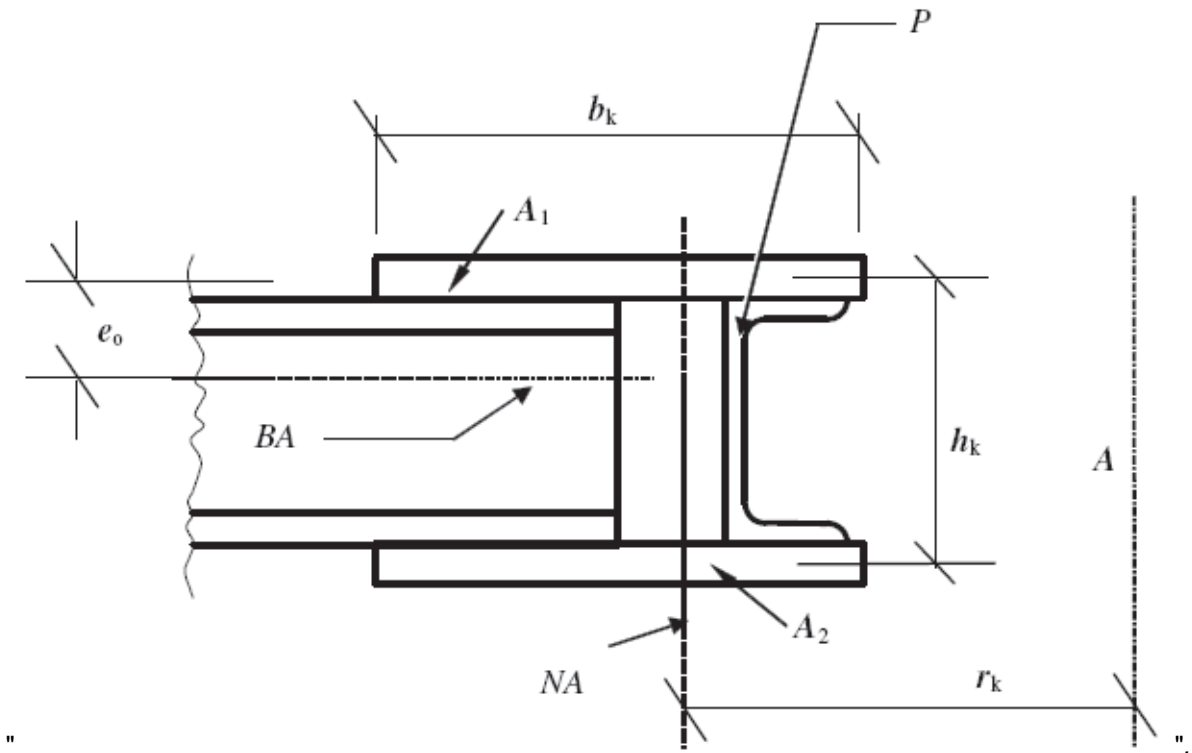
Paragraph "(6)", delete "(Silos)".

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:

