SVENSK STANDARD
SS-EN 1991-1-7:2006/AC:2010

Fastställd/Approved: 2010-03-08
Publicerad/Published: 2010-04-27
Utgåva/Edition: 1
Språk/Language: engelska/English
ICS: 91.010.30; 91.070.01; 91.070.50; 91.070.60

Eurokod 1 – Laster på bärverk – Del 1-7: Allmänna laster – Olyckslast

Eurocode 1 – Actions on structures – Part 1-7: General actions – Accidental actions

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Europastandarden EN 1991-1-7:2006/AC:2010 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 1991-1-7:2006/AC:2010.

The European Standard EN 1991-1-7:2006/AC:2010 has the status of a Swedish Standard. This document contains the official English version of EN 1991-1-7:2006/AC:2010.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 1991-1-7:2006/AC

February 2010

ICS 91.010.30

English version

Eurocode 1 - Actions on structures - Part 1-7: General actions - Accidental actions

Eurocode 1 - Actions sur les structures - Partie 1-7: Actions générales - Actions accidentelles

Eurocode 1 - Einwirkungen auf Tragwerke - Teil 1-7: Allgemeine Einwirkungen - Außergewöhnliche Einwirkungen

This corrigendum becomes effective on 17 February 2010 for incorporation in the three official language versions of the EN.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

1) Modifications to Foreword

National Annex, 2nd paragraph, gridline of the list of national choices, 5th, 6th and 7th rows and 1st column, delete “P” *from* "3.3(2)P" *in these three cells.*

National Annex, 2nd paragraph, gridline of the list of national choices, 4th row before the end of the gridline and 1st column, add "P" *after* "4.6.3(4)".

2) Modifications to 1.6

Paragraph (1), Latin upper case letters, definition of F_{dx} *, replace* "frontal force" *with* "force on the front side of the supporting structure (frontal force)".

Paragraph (1), Latin upper case letters, definition of F_{dy} *, replace* “lateral force” *with* “force on the lateral side of the supporting structure (lateral force)”.

Paragraph (1), Latin upper case letters, definition of K_G *, delete the whole definition:*

"

K_G **deflagration index of a gas cloud**

".

Paragraph (1), Latin lower case letters, between the definitions of "b*" and "*h*", add the following definition:*

"

d distance from the structural element to the centre-line of the road or track

".

Paragraph (1), Latin lower case letters, definition of s, replace "distance from structural element to centre-line of road or track" *with* "distance from the structural element to the point where the vehicle leaves the trafficked lane".

3) Modifications to 3.3

Paragraph (2), entry a), NOTE 1, replace "An example of the application of A_d is given in A.8." *with* "Reference is made in A.8.".

Paragraph (2), entry c), NOTE 3, delete "Examples relating to the use of the approaches for buildings are given in Annex A.".

4) Modification to 4.3.1

Paragraph (1), replace NOTE 2 with the following one:

> “NOTE 2 The National Annex may prescribe the force as a function of distance *s* from the structural element to the point where the vehicle leaves the trafficked lane and *d* the distance from the structural element to the centre-line of the road or track. Information on the effect of the distance *s*, where applicable, can be found in Annex C.”.

5) Modification to 4.3.2

Paragraph (1), key of Figure 4.2, replace the definitions for "h", "h_0" and "h_1" with the following:

"*h* is the physical clearance between the road surface and the underside of the bridge deck at the impact point

h_0 is the clearance between the road surface and the underside of the bridge deck, below which an impact on the superstructure need to be taken into account without any reduction. The recommended value of h_0 is 5,0 m (+ allowances for vertical sag curve and deflection of the bridge, and expected settlements)

h_1 is the clearance between the road surface and the underside of the bridge deck, above which no impact need to be considered. The recommended value of h_1 is 6,0 m (+ allowances for future re-surfacing, vertical sag curve and deflection of the bridge, and expected settlements).".

6) Modification to 4.6.1

Paragraph (5), 1st list entry, after "a frontal force F_{dx}"*, add* "(in the direction of the normal travel, usually perpendicular to the longitudinal axis of the superstructure (deck))".

7) Modification to A.4

Paragraph (1), list entry c), NOTE 3, add ", in accordance with 3.3.(1)P" *after* "adjacent storeys".

8) Modification to A.5.2

Paragraph (2), Equation (A.3), replace "T_l" *with* "T_i".

9) Modification to A.6

Paragraph (3), 1st line, replace "1.11.1" *with* "1.5.11".

10) Modification to A.7

Paragraph (1), replace "A..4(1)C" *with* "A.4(1)c)".

11) Modifications to B.4.2

Paragraph (1), 5th line, replace "Figure B.2" *with* "Figure B.2a".

Figure B.2, title, replace "Figure B.2" *with* "Figure B.2a".

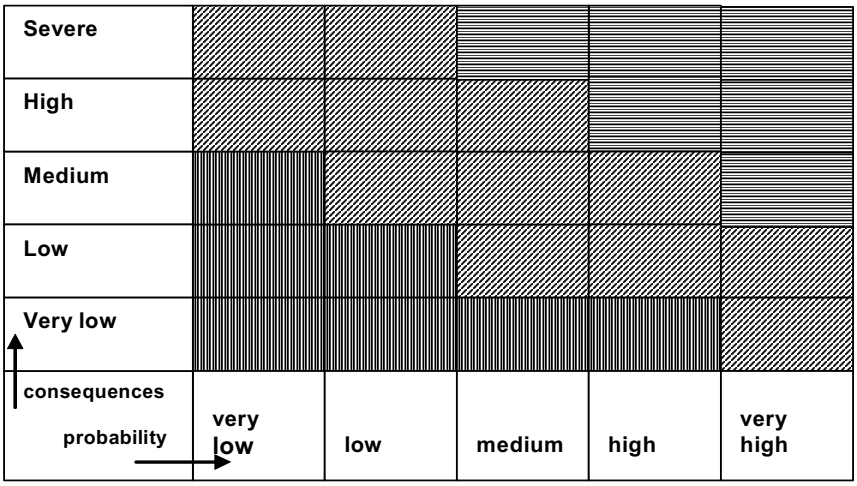
Figure B.2, key, line 1, replace "Clarification:" *with* "Classification:".

12) Modifications to B.5

Paragraph (4), line immediately after the list and just before the note, replace "quality index of life" *with* "life quality index (LQI)".

Paragraph (5), list entries b), c) and d), replace references to “Figure B.2a” *with references to* “Figure B.2b”.

Paragraph (5), just after list entry d), add:



"

Figure B.2b – Possible presentation diagram for the outcome of a qualitative risk analysis".

13) Modifications to B.9.2

Paragraph (2), Equation (B.2), replace symbol “*p*” *with* “*P*”.

7th and 8th lines, replace “of the J^{th} damage state of the structure given the I^{th} hazard and $PS_k|D_j$)” *with* “of the j^{th} damage state of the structure given the i^{th} hazard and $P(S_k|D_j)$”.

14) Modifications to B.9.3.2

Paragraph (2), Equation (B.4), replace symbol “*α*” *with* “*φ*”.

Paragraph (2), Equation (B.5), replace the equation with " $F = \sqrt{mkv_r^2} = \sqrt{mk(v_0^2 - 2as)}$ ".

Paragraph (2), Equation (B.5), definition of “*k*”, *add* “spring” *before* “stiffness”.

15) Modification to B.9.4

Paragraph (1), NOTE, 1st line, replace “4.5.12” *with* “4.5.1.2”.

16) Modifications to C.3

Paragraph (1), Equation (C.6), replace “$v_r = \sqrt{}\ (v_0^2 - 2\ a\ s\ )$” *with* “$v_r = \sqrt{v_0^2 - 2as}$ ”.

Paragraph (2), Table C.1, 3rd column, 7th row, replace “Raleigh” *with* “Rayleigh”.