

SVENSK STANDARD

SS-EN 1991-2/AC:2010

Fastställt/Approved: 2010-03-08

Publicerad/Published: 2010-04-27

Utgåva/Edition: 1

Språk/Language: engelska/English

ICS: 91.010.30; 91.070.01; 91.070.60; 93.040

Eurokod 1: Laster på bärverk – Del 2: Trafiklast på broar

Eurocode 1: Actions on structures – Part 2: Traffic loads on bridges

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Europastandarden EN 1991-2:2003/AC:2010 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 1991-2:2003/AC:2010.

The European Standard EN 1991-2:2003/AC:2010 has the status of a Swedish Standard. This document contains the official English version of EN 1991-2:2003/AC:2010.

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EUROPEAN STANDARD

EN 1991-2:2003/AC

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2010

ICS 91.010.30; 93.040

English version

Eurocode 1: Actions on structures - Part 2: Traffic loads on bridges

Eurocode 1: Actions sur les structures -
Partie 2: Actions sur les ponts, dues au
trafic

Eurocode 1: Einwirkungen auf Tragwerke -
Teil 2: Verkehrslasten auf Brücken

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

SS-EN 1991-2/AC:2010 (E)

1) Modifications to Foreword

2nd paragraph, replace "December 2009" with "March 2010".

Replace the 5th paragraph:

"According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom."

with the following one:

"According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom."

2) Modification to "Additional information specific to EN 1991-2"

Final paragraph, replace "Where a Table of a Figure" with "Where a Table or a Figure".

3) Modifications to "National Annex for EN 1991-2"

2nd paragraph, gridlines, delete:

"

4.4.1(2) NOTE 3	Horizontal forces associated with LM3
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".

2nd paragraph, gridlines, row dedicated to 4.5.2 NOTE 3, replace "4.5.2 NOTE 3" with "4.5.2(1) NOTE 3".

2nd paragraph, gridlines, row dedicated to 4.6.1(2) NOTE 2, add "and NOTE 4" after "NOTE 2".

4) Modification to 2.3

Paragraph (3), replace "4.7.2 and 5.6.2" with "4.7.2, 5.6.2 and 6.7.2".

5) Modification to 4.2.4

Paragraph (5), NOTE, 2nd line, add "considered" between "be" and "alternatively".

6) Modifications to 4.3.2

Table 4.2, 3rd column and 2nd row, replace "(or q_{ik})" with "(or q_{rk})" in the cell.

Figure 4.2a, key, just after the description of element (3), add:

"Tandem axle spacing = 1,2 m".

7) Modification to 4.5.1

Table 4.4a, replace the table with the following one:

SS-EN 1991-2/AC:2010 (E)

		CARRIAGEWAY						FOOTWAYS AND CYCLE TRACKS	
Load type	Vertical forces						Horizontal forces		Vertical forces only
	4.3.2	4.3.3	4.3.4	4.3.5	4.4.1	4.4.2	5.3.2-(1)		
Reference Load system	LM1 (TS and UDL systems)	LM2 (Single axle)	LM3 (Special vehicles)	LM4 (Crowd loading)	Braking and acceleration forces ^a	Centrifugal and transverse forces ^a	Uniformly Distributed load		
Groups of Loads	gr1a	Characteristic values					Combination value ^b		
	gr1b		Characteristic value						
	gr2	Frequent values			Characteristic value	Characteristic value			
	gr3 ^d						Characteristic value ^c		
	gr4				Characteristic value		Characteristic value		
gr5	See annex A		Characteristic value						
Dominant component action (designated as component associated with the group)									
^a May be defined in the National Annex (for the cases mentioned). ^b May be defined in the National Annex. The recommended value is 3 kN/m ² . ^c See 5.3.2.1-(2). One footway only should be considered to be loaded if the effect is more unfavourable than the effect of two loaded footways. ^d This group is irrelevant if gr4 is considered.									