SLOVENSKI STANDARD
SIST EN 1993-1-4:2007/A2:2021

01-februar-2021

Evrokod 3: Projektiranje jeklenih konstrukcij - 1-4. del: Splošna pravila - Dodatna pravila za nerjavna jekla

Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels

Eurocode 3 - Bemessung und Konstruktion von Stahlbauten - Teil 1-4: Allgemeine Bemessungsregeln - Ergänzende Regeln zur Anwendung von nichtrostender Stählen

Eurocode 3 - Calcul des structures en acier - Partie 1-4: Règles générales - Règles supplémentaires pour les aciers inoxydables

Ta slovenski standard je istoveten z: **EN 1993-1-4:2006/A2:2020**

ICS:

77.140.20	Visokokakovostna jekla	Stainless steels
91.010.30	Tehnični vidiki	Technical aspects
91.080.13	Jeklene konstrukcije	Steel structures

SIST EN 1993-1-4:2007/A2:2021 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 91.010.30; 91.080.13

English Version

Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels

Eurocode 3 - Calcul des structures en acier - Partie 1-4: Règles générales - Règles supplémentaires pour les aciers inoxydables

Eurocode 3 - Bemessung und Konstruktion von Stahlbauten - Teil 1-4: Allgemeine Bemessungsregeln - Ergänzende Regeln zur Anwendung von nichtrostender Stählen

This amendment A2 modifies the European Standard EN 1993-1-4:2006; it was approved by CEN on 20 November 2020.

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

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European foreword

This document (EN 1993-1-4:2006/A2:2020) has been prepared by Technical Committee CEN/TC 250 “Structural Eurocodes”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2021 and conflicting national standards shall be withdrawn at the latest by December 2021.

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1 Modification to 5.4.2.1, "Buckling curves"

Replace Table 5.3 by the following one:

"

Table 5.3 — Values of α and $\overline{\lambda}_0$ for flexural, torsional and torsional-flexural buckling

Buckling mode	Type of member	Axis of buckling	Austenitic and austenitic-ferritic		Ferritic	
			α	$\overline{\lambda}_0$	α	$\overline{\lambda}_0$
Flexural	Cold formed angles and channels	Any	0,76	0,2	0,76	0,2
	Cold formed lipped channels	Any	0,49	0,2	0,49	0,2
	Cold formed rectangular hollow sections	Any	0,49	0,3	0,49	0,2
	Cold formed circular hollow sections	Any	0,49	0,2	0,49	0,2
	Hot finished rectangular hollow sections	Any	0,49	0,2	0,34	0,2
	Hot finished circular hollow sections	Any	0,49	0,2	0,34	0,2
	Hot rolled sections and welded open or box sections	Major	0,49	0,2	0,49	0,2
		Minor	0,76	0,2	0,76	0,2
Torsional and torsional-flexural	All members	The values of α and $\overline{\lambda}_0$ for flexural buckling about the minor axis apply.				

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