SLOVENSKI STANDARD
SIST EN 13001-1:2005/AC:2009

01-januar-2009

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Cranes - General design - Part 1: General principles and requirements

Krane - Konstruktion allgemein - Teil 1: Allgemeine Prinzipien und Anforderungen

Appareils de levage à charge suspendue - Conception générale - Partie 1: Principes généraux et prescriptions

Ta slovenski standard je istoveten z: **EN 13001-1:2004/AC:2008**

ICS:

53.020.20	Dvigala	Cranes

SIST EN 13001-1:2005/AC:2009   **en,fr**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 13001-1:2004/AC

November 2008
Novembre 2008
November 2008

ICS 53.020.20

English version
Version Française
Deutsche Fassung

Cranes - General design - Part 1: General principles and requirements

Appareils de levage à charge suspendue -
Conception générale - Partie 1: Principes
généraux et prescriptions

Krane - Konstruktion allgemein - Teil 1:
Allgemeine Prinzipien und Anforderungen

This corrigendum becomes effective on 12 November 2008 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 12 novembre 2008 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 12.November 2008 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: rue de Stassart, 36   B-1050 Brussels

Ref. No.:EN 13001-1:2004/AC:2008 D/E/F

EN 13001-1:2004/AC:2008 (E)

1 Modifications requested by EN 13001-1:2004/AC:2006, WI 00147C05

Clause 2
Replace "EN 1990-1:2002, Eurocode - Basis of structural design." *with* "EN 1990:2002, Eurocode - Basis of structural design".

Clause 4.1
Replace
"ISO EN 12100-1..." *and* "ISO EN 12100-2…" *with* "EN ISO 12100-1…" *and* "EN ISO 12100-2…".

Clause 4.4.2, formula 7
Replace "$\sigma_m = (\sigma_u - \sigma_b)/2$" *with* "$\sigma_m = (\sigma_u + \sigma_b)/2$".

Clause 4.4.3, Figures 7 and 8
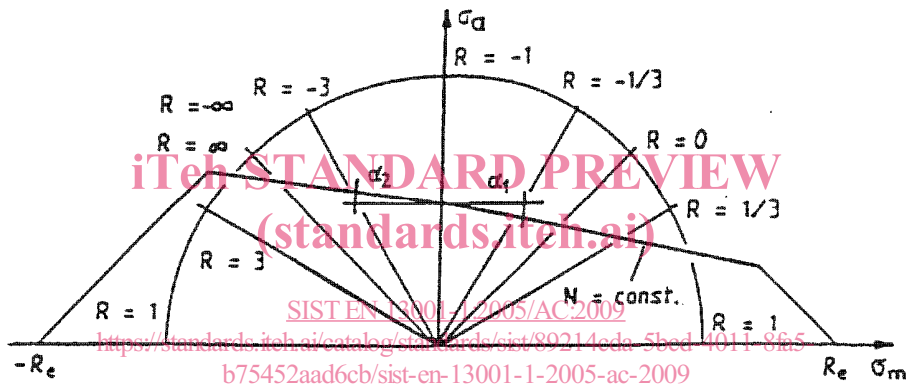*Figure 7 and Figure 8 have to be exchanged as follows:*
"

Figure 7 — $\sigma_a - \sigma_m$-plane of the component under consideration for the proof of fatigue strength (simplified *Haigh*-Diagram)" *and* "
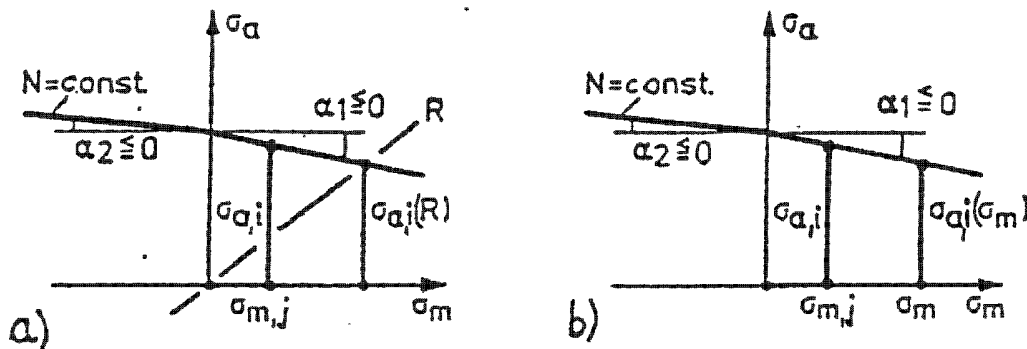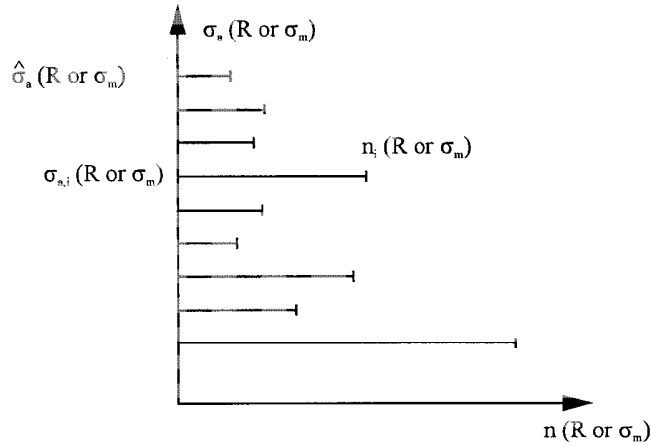

**Figure 8 — Transformation of stress cycles
a) for constant stress ratio, and
b) for constant mean stress**".

2

Replace Figure 9 with the following: "

".

Sub-clause 4.4.4, Table 6 rows 9-11

Modify as follows:

Class	Stress history parameter
S_7	$0,500 < s \le 1,000$
S_8	$0,1000 < s \le 2,000$
S_9	$0,2000 < s \le 4,000$

2 Modifications requested by EN 13001-1:2004/prAC:2008, WI 00147C05

4.4.3 Transformation of the identified stress cycles into cycles with constant mean stress or constant stress ratio

Figure 9
Key

Replace

" $\eta_1 (R \ or \ \sigma_m)$ is the number of stress cycles with stress amplitude of class i."

with

" $n_1 (R \ or \ \sigma_m)$ is the number of stress cycles with stress amplitude of class i.".

EN 13001-1:2004/AC:2008 (E)

4.4.4 Classification of stress histories

Replace

" $\sigma_{n,i}\left(R \ or \ \sigma_m\right)$ is the number of stress cycles with stress amplitude of range i (see Figure 9);"

with

" $n_i\left(R \ or \ \sigma_m\right)$ is the number of stress cycles with stress amplitude of range i (see Figure 9);".

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