



SLOVENSKI STANDARD
SIST EN 13445-2:2009/oprA2:2011
01-marec-2011

Neogrevane tlačne posode - 2. del: Materiali - Dopolnilo A2

Unfired pressure vessels - Part 2: Materials

Unbefeuerte Druckbehälter - Teil 2: Werkstoffe

Recipients sous pression non soumis à la flamme - Partie 2: Matériaux

Ta slovenski standard je istoveten z: EN 13445-2:2009/prA2

ICS:

23.020.30	Tlačne posode, plinske jeklenke	Pressure vessels, gas cylinders
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SIST EN 13445-2:2009/oprA2:2011 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 13445-2:2009

prA2

November 2010

ICS 23.020.30

English Version

Unfired pressure vessels - Part 2: Materials

Recipients sous pression non soumis à la flamme - Partie
2: Matériaux

Unbefeuerte Druckbehälter - Teil 2: Werkstoffe

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 54.

This draft amendment A2, if approved, will modify the European Standard EN 13445-2:2009. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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

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EN 13445-2:2009/prA2:2010 (E)

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Foreword

This document (EN 13445-2:2009/prA2:2010) has been prepared by Technical Committee CEN/TC 54 "Unfired pressure vessels", the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document includes the text of the amendment itself. The corrected pages of EN 13445-2 will be delivered as issue xx of the standard.

Replace Table B2-1 by the following table.

Table B 2-12 — Temperature adjustment T_s

Stress utilisation ratio f/f_d	Ratio of pressure induced principal membrane stress f and maximum allowable design stress f_d			Membrane stress ^a
	$> 0,75$	$0,75 \geq f/f_d > 0,25$	$\leq 0,25$	
Non welded, post-weld heat treated condition ^b	0 °C	$T_s = 70 - 80 * f/f_d$ [°C]	+ 50 °C	+ 50 °C
As welded condition and reference thickness ≤ 35 mm	0 °C	0 °C	0 °C	+ 40 °C

^a The membrane stress shall take account of internal and external pressure and dead weight. For walls and pipes of heat exchangers the restraint of free end displacement of the heat exchanger pipes should also be taken into account.

^b In any case T_R shall not be lower than -110 °C