

SLOVENSKI STANDARD
SIST EN 13445-2:2014/A1:2017
01-maj-2017

Neogrevane (nekurjene) tlačne posode - 2. del: Materiali - Dopolnilo A1

Unfired pressure vessels - Part 2: Materials

Unbefeuerte Druckbehälter - Teil 2: Werkstoffe

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

Ta slovenski standard je istoveten z: EN 13445-2:2014/A1:2016

[SIST EN 13445-2:2014/A1:2017](https://standards.iteh.ai/catalog/standards/sist/3716cd0f-321d-4dc6-82da-4500feabda27/sist-en-13445-2-2014-a1-2017)

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ICS:

23.020.32	Tlačne posode	Pressure vessels
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SIST EN 13445-2:2014/A1:2017 **en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13445-2:2014/A1

November 2016

ICS 23.020.30

English Version

Unfired pressure vessels - Part 2: Materials

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

Unbefeuerte Druckbehälter - Teil 2: Werkstoffe

This amendment A1 modifies the European Standard EN 13445-2:2014; it was approved by CEN on 4 August 2016.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 13445-2:2014/A1:2016) has been prepared by Technical Committee CEN/TC 54 “Unfired pressure vessels”, 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 May 2017, and conflicting national standards shall be withdrawn at the latest by May 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of EN 13445-2:2014.

This document includes the text of the amendment itself. The corrected pages of EN 13445-2 will be delivered as issue 4 of the standard.

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

EN 13445-2:2014/A1:2016 (E)

1 Modification to B.2.2.5, Lowest minimum metal temperatures for austenitic stainless steels

Replace Table B.2-11 with the following:

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Table B.2-11 — Austenitic stainless steels and their lowest minimum metal temperature T_M

Material	Material number	T_M (in °C)
X2CrNi 19-11	1.4306	- 273
X2CrNi 18-9	1.4307	
X2CrNiN 18-10	1.4311	
X1CrNi 25-21	1.4335	
X2CrNiMo 17-12-2	1.4404	
X2CrNiMoN 17-11-2	1.4406	
X2CrNiMoN 17-13-3	1.4429	
X2CrNiMoN 18-12-4	1.4434	
X2CrNiMo 18-14-3	1.4435	
X2CrNiMo 18-15-4	1.4438	
X1CrNiMoN 25-22-2	1.4466	
X6CrNiTi 18-10	1.4541	
X1NiCrMoCu 31-27-4	1.4563	
X6CrNiMoTi 17-12-2	1.4571	
X5CrNi 18-10	1.4301	- 196
X5CrNiMo 17-12-2	1.4401	
X2CrNiMo 17-12-3	1.4432	
X3CrNiMo 17-13-3	1.4436	
X2CrNiMoN 17-13-5	1.4439	
X1NiCrMoCuN 25-20-7	1.4529	
X1CrNiMoCuN 25-25-5	1.4537	
X1NiCrMoCu 25-20-5	1.4539	
X1CrNiMoCuN 20-18-7	1.4547	
X6CrNiNb 18-10	1.4550	
X6CrNiMoNb 17-12-2	1.4580	
GX5CrNi 9-10	1.4308	
GX5CrNiMo 19-11-2	1.4408	
GX2NiCrMo 28-20-2	1.4458	
GX2CrNi 19-11	1.4309	
GX2CrNiMo 19-11-2	1.4409	

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