



SLOVENSKI STANDARD
SIST EN 13445-5:2009/oprA3:2010
01-julij-2010

Neogrevane tlačne posode - 5. del: Kontrola in preskušanje - Dopolnilo A3

Unfired pressure vessels - Part 5: Inspection and testing

Unbefeuerte Druckbehälter - Teil 5: Inspektion und Prüfung

Réipients sous pression non soumis à la flamme - Partie 5: Inspection et contrôles

Ta slovenski standard je istoveten z: EN 13445-5:2009/prA3

ICS:

23.020.30	Tlačne posode, plinske jeklenke	Pressure vessels, gas cylinders
-----------	------------------------------------	------------------------------------

SIST EN 13445-5:2009/oprA3:2010 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 13445-5:2009

prA3

February 2010

ICS

English Version

Unfired pressure vessels - Part 5: Inspection and testing

Réipients sous pression non soumis à la flamme - Partie
5: Inspection et contrôles

Unbefeuerte Druckbehälter - Teil 5: Inspektion und Prüfung

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 A3, if approved, will modify the European Standard EN 13445-5:2009. 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.

This draft amendment was established by CEN 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 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
1 Modification to 10.2.3.4.2	4
2 Modification to 10.2.3.4.3	4

Foreword

This document (EN 13445-5:2009/prA3:2010) has been prepared by Technical Committee CEN/TC 54 "Unfired vessels", the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

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, B, C or D, which is an integral part of this document.

EN 13445-5:2009/prA3:2010 (E)**1 Modification to 10.2.3.4.2**

New 10.2.3.4.2 as follows:

The pneumatic test pressure shall be in accordance with 10.2.3.3.1 for testing group 1, 2 and 3 vessels and 10.2.3.3.2 for testing group 4 vessels. Vessels subjected to this pressure shall be located in an enclosed or restricted area, e.g. a special chamber capable of withstanding explosion or being properly anchored in a water basin and adequate measures being taken to prevent parts shooting away in the case of explosion. Alternatively, the vessel shall be located in an area, a sufficient distance away from individuals (public or manufacturer's employees) such that in the case of explosion people will not be affected by the blast. This does not include damage from projectiles.

Alternatively for testing group 1, 2 and 3 vessels, when the diameter exceeds 1 m and/or the length exceeds 3 m, a test may be performed at a test pressure that is 1,1 times the maximum allowable pressure P_s . In this case, the extent of NDT according to table 6.6.2-1 shall be doubled but not greater than 100 %.

2 Modification to 10.2.3.4.3

Add at the end of 10.2.3.4.3:

If the alternative test pressure is used, the inspection pressure shall be limited to 0,9 times P_s .