

SLOVENSKI
PREDSTANDARD

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1:2002/OprA1:2004**

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Unfired pressure vessels - Part 1: General

ICS 23.020.30

Referenčna številka
SIST EN 13445-1:2002/OprA1:2004(en)

ICS

English version

Unfired pressure vessels - Part 1: General

Réceptacles sous pression non soumis à la flamme –
Partie 1 : Généralités

Unbefeuerte Druckbehälter - Teil 1: Allgemeines

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 A1, if approved, will modify the European Standard EN 13445-1:2002. 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
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Foreword

This document (EN 13445-1:2002/prA1:2004) 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 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).

Introduction

Part 2

Replace the second sentence by:

It is limited to steel with sufficient ductility but it is, for components operating in the creep range, also limited to sufficiently creep ductile materials.

Part 3

Replace the last paragraph by:

Creep design is included in the scope of Part 3

1 Scope

1.1 General

Replace the third paragraph by:

This European Standard applies to maximum allowable temperatures for which creep effects need be considered.

3 Terms and definitions

Add definition of creep range

3.9

creep range

temperature range in which time dependent material characteristics exist in the materials standard. If no time dependent material characteristics are available in the material standard the creep range shall be expected for temperatures above the values: 380 °C for carbon steels, 440 °C for Low Alloy steels and 525 °C for austenitic steels. In this case the application of the whole standard is limited to these temperatures.