SLOVENSKI STANDARD
oSIST prEN 14433:2013

01-julij-2013

Posode za prevoz nevarnih snovi - Oprema posode za prevoz tekočih kemikalij in utekočinjenih plinov - Izpustni ventili

Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Foot valves

Tanks für die Beförderung gefährlicher Güter - Ausrüstung für Tanks für die Beförderung von flüssiger Chemieprodukte und Flüssiggase - Bodenventile

Citernes de transport de matières dangereuses - Équipements de la citerne pour le transport de produits chimiques liquides et de gaz liquéfiés - Clapets de fond

Ta slovenski standard je istoveten z: **prEN 14433**

ICS:

13.300	Varstvo pred nevarnimi izdelki	Protection against dangerous goods
23.020.20	Posode in vsebniki, montirani na vozila	Vessels and containers mounted on vehicles

oSIST prEN 14433:2013 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN 14433

February 2013

ICS 13.300; 23.020.20

Will supersede EN 14433:2006

English Version

Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Foot valves

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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 296.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard 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-CENELEC Management Centre has the same status as the official versions.

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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.

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

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Ref. No. prEN 14433:2013: E

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Foreword

This document (prEN 14433:2013) has been prepared by Technical Committee CEN/TC 296 “Tanks for transport of dangerous goods”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 14433:2006.

According to edition EN 14433:2006 the following fundamental changes are given:

1 Scope

This European Standard specifies the requirements for footvalves for use on transportable tanks with a minimum working pressure greater than 50 kPa for the transport of dangerous goods by road and rail.

It is applicable to equipment for use on tanks with gravity and/or pressure bottom loading and discharge for liquid chemicals and liquefied gases. It includes carbon dioxide while excluding cryogenic gases.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12266-1:2003, *Industrial valves - Testing of valves - Part 1: Pressure tests, test procedures and acceptance criteria - Mandatory requirements*

EN 12266-2:2008, *Industrial valves - Testing of valves - Part 2: Tests, test procedures and acceptance criteria - Supplementary requirements*

EN 12516-1, *Industrial valves - Shell design strength - Part 1: Tabulation method for steel valve shells*

EN 12516-2, *Industrial valves - Shell design strength - Part 2: Calculation method for steel valve shells*

EN 12516-3, *Valves - Shell design strength - Part 3: Experimental method*EN 13445, *Unfired pressure vessels*

EN ISO 6708, *Pipework components - Definition and selection of DN (nominal size) (ISO 6708)*

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply.

3.1
maximum working pressure (ADR/RID chapter 6.8)
MWP
maximum pressure up to which the valve can be operated, at least the test pressure divided by 1,3

3.2
maximum allowable working pressure (ADR/RID chapter 6.7)
MAWP
maximum pressure up to which the valve can be operated, at least the test pressure divided by 1,3 (liquified gases) respectively 1,5 (liquids)

3.3
test pressure
the pressure used for the pressure tests

3.4
nominal size
designated size of valve as defined in EN ISO 6708