Tanks for transport of dangerous goods - Service equipment for tanks - Fill hole cover

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 13314:2003 sisaldab Euroopa standardi EN 13314:2002 ingliskeelset teksti. Käesolev dokument on jõustatud 18.02.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 13314:2003 consists of the English text of the European standard EN 13314:2002. This document is endorsed on 18.02.2003 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This European Standard covers the fill hole cover and specifies the performance requirements, dimensions and tests necessary to verify the compliance of the equipment to this standard	**Scope:** This European Standard covers the fill hole cover and specifies the performance requirements, dimensions and tests necessary to verify the compliance of the equipment to this standard

ICS 13.300, 23.020.20

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EUROPEAN STANDARD

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English version

Tanks for transport of dangerous goods - Service equipment for tanks - Fill hole cover

Citernes de transport de matières dangereuses - Equipements de service pour citernes - Couvercle de trou de remplissage

Tanks für die Beförderung gefährlicher Güter - Bedienungsausrüstung von Tanks - Fülllochdeckel

This European Standard was approved by CEN on 19 August 2002.

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

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

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

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Contents

Foreword

This document (EN 13314:2002) has been prepared by Technical Committee CEN /TC 296, "Tanks for transport of dangerous goods", the secretariat of which is held by AFNOR.

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 April 2003, and conflicting national standards shall be withdrawn at the latest by April 2003.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports the objectives of the framework Directives on Transport of Dangerous Goods.

This European Standard has been submitted for reference into the RID and/or in the technical annexes of the ADR. Therefore in this context the standards listed in the normative references and covering basic requirements of the RID/ADR not addressed within the present standard are normative only when the standards themselves are referred to in the RID and/or in the technical annexes of the ADR.

This European Standard forms part of a coherent standards programme comprising the following standards:

Tanks for transport of dangerous goods - Service equipment for tanks

EN 13081, *Vapour collection adaptor and coupler*.

EN 13082, *Vapour transfer valve*.

EN 13083, *Adapter for bottom loading and unloading*.

prEN 13308, *Non-pressure balanced footvalve*.

EN 13314, *Fill hole cover*.

EN 13315, *Gravity discharge coupler*.

prEN 13316, *Pressure balanced footvalve*.

prEN 13317, *Manhole cover assembly*.

WI 296009, *Pressure and vacuum breather vent*.

WI 296010, *Emergency pressure relief valve*.

Annex A is normative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

The fill hole cover, the subject of this standard, is an operating device on top of a transportable tank which allows the opening and closing of the fill hole.

The fill hole cover allows the top filling of the tank compartment.

The fill hole cover may also act as a liquid or vapour emergency pressure relief valve.

1 Scope

This European Standard covers the fill hole cover and specifies the performance requirements, dimensions and tests necessary to verify the compliance of the equipment to this standard.

The equipment specified by this standard is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road – (flammable liquids) which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no-sub-classification as toxic or corrosive.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

prEN 12266-1:1999, *Industrial valves - Testing of valves - Part 1: Tests, test procedures and acceptance criteria to be fulfilled by every valve*.

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

prEN 13094, *Tanks for transport of dangerous goods - Low-pressure metallic tanks - Design and construction.*

prEN 14025, *Tanks for transport of dangerous goods - Metallic pressure tanks - Design and construction.*

ISO 2859-1, *Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*.

3 Terms and definitions

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

3.1
fill hole
opening in a tank or in a manhole cover assembly to allow top filling of a tank compartment

3.2
fill hole cover neckring
a shell ring joined to the tank in accordance with prEN 13094 or prEN 14025 or to the manhole cover assembly which provides the attachment facilities for the fill hole cover

3.3
manhole cover plate
plate covering the manhole which may include auxiliary equipment such as fill hole cover assembly, vapour transfer valve, sensors, etc.

3.4
fill hole cover gasket
a device which ensures the seal between neckring and the fill hole cover

3.5
maximum allowable working pressure (MAWP)
the maximum pressure to which the equipment is designed to operate