

Transportable gas cylinders - Filling conditions for acetylene bundles

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12755:2000 sisaldab Euroopa standardi EN 12755:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 17.07.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12755:2000 consists of the English text of the European standard EN 12755:2000.</p> <p>This document is endorsed on 17.07.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies the requirements for filling acetylene cylinder bundles with different porous masses and different solvents may be adopted provided each cylinder in the bundle shall have the same mass and solvent</p>	<p>Scope: This European Standard specifies the requirements for filling acetylene cylinder bundles with different porous masses and different solvents may be adopted provided each cylinder in the bundle shall have the same mass and solvent</p>
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ICS 23.020.30

Võtmesõnad:

English version

Transportable gas cylinders

Filling conditions for acetylene bundles

Bouteilles à gaz transportables –
Conditions de remplissage pour
cadres d'acétylène

Ortsbewegliche Gasflaschen –
Abfüllbedingungen für Acetylen-
Bündel

This European Standard was approved by CEN on 1999-11-14.

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

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 23 "Transportable gas cylinders", 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 July 2000, and conflicting national standards shall be withdrawn at the latest by July 2000.

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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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.

The annexes A, B and C of this European standard are normative.

Introduction

This standard is necessary for harmonization of the different filling conditions in the European countries with regard to safety, the use of approved porous masses and the conditions for the simultaneous filling of acetylene cylinder bundles.

1 Scope

This European Standard specifies the requirements for the filling conditions of acetylene cylinder bundles with different porous masses and different solvents including cylinders without solvent where each cylinder in the bundle has the same mass and solvent.

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.

EN 1800

Transportable gas cylinders - Acetylene cylinders - Basic requirements and definitions

EN 1801

Transportable gas cylinders - Filling conditions for single acetylene cylinders

3 Definitions

For the purpose of this European Standard the following definitions apply:

3.1 acetylene bundle

Transportable unit consisting of 2 cylinders up to usually not more than 16 cylinders permanently manifolded together and contained within a rigid frame equipped with all necessary equipment for filling and use.

3.2 acetylene cylinder

Cylinder containing a porous mass with or without solvent for the storage of acetylene.

3.3 cylinder tare weights

3.3.1 For acetylene cylinders with solvent the tare weight is expressed by indicating two weights (in kilogrammes) TARE A and TARE S,

TARE A is the sum of the empty weight of the cylinder shell, the weight of the porous mass, the specified weight of solvent content, the weight of the valve and the weight of all other parts which are permanently attached (e. g. by clamping or nut bolt fixing) to the cylinder when it is going to be filled,

TARE S is TARE A plus the weight of the acetylene required to saturate the solvent at atmospheric pressure at 15°C. [EN 1800]

3.3.2 For solvent free acetylene cylinders the tare weight is expressed by indicating TARE F, where TARE F is TARE A minus the weight of solvent. [EN 1800]