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Respiratory protective devices - Gas cylinder valves - Part 1: Inlet connections

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/18

Obsahuje: EN 144-1:2018

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EUROPEAN STANDARD**EN 144-1****NORME EUROPÉENNE****EUROPÄISCHE NORM**

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Supersedes EN 144-1:2000

English Version

Respiratory protective devices - Gas cylinder valves - Part 1: Inlet connections

Appareils de protection respiratoire - Robinets de
bouteille à gaz - Partie 1: Raccordements d'entréeAtemschutzgeräte - Gasflaschenventile - Teil 1:
Eingangsanschlüsse

This European Standard was approved by CEN on 19 February 2018.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

EN 144-1:2018 (E)

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European foreword

This document (EN 144-1:2018) has been prepared by Technical Committee CEN/TC 79 “Respiratory protective devices”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by October 2018, and conflicting national standards shall be withdrawn at the latest by October 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN not be held responsible for identifying any or all such patent rights.

This document supersedes EN 144-1:2000.

The following main technical changes have been made compared to EN 144-1:2000:

- a) Title changes to read “Respiratory protective devices — Gas cylinder valves — Part 1: Inlet connections” to be in line with Part 2 and Part 3;
- b) Terms and definition added;
- c) Normative references EN ISO 11363-1 and EN ISO 15245-1 added to replace Clause 2 “Connection on insert connector”;
- d) Clause 3 “Impact resistance” adapted to the test specified in EN ISO 10297:2014, Annex A.

This document is one part of a three-part standard concerning connections for gas cylinder valves for respiratory protective devices:

- Part 1: Inlet connections
- Part 2: Outlet connections
- Part 3: Outlet connections for diving gases Nitrox and oxygen

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 144-1:2018 (E)**1 Scope**

This document specifies the dimensions and tolerances as well as the impact resistance and marking requirements of inlet connections for connecting cylinder valves to gas cylinders for respiratory protective devices (RPD).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 11363-1, *Gas cylinders — 17E and 25E taper threads for connection of valves to gas cylinders — Part 1: Specifications (ISO 11363-1)*

EN ISO 13341, *Gas cylinders — Fitting of valves to gas cylinders (ISO 13341)*

EN ISO 15245-1, *Gas cylinders — Parallel threads for connection of valves to gas cylinders — Part 1: Specification (ISO 15245-1)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN