

Respiratory protective devices — Gas cylinder valves —

Part 1: Thread connections for insert connector

The European Standard EN 144-1:2000, with the incorporation of amendment A1:2003, has the status of a British Standard

ICS 13.340.30

Confirmed May 2008

National foreword

This British Standard is the official English language version of EN 144-1:2000, including amendments A1:2003 and A2:2005. It supersedes BS EN 144-1:1991 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee PH/4, Respiratory protection, to Subcommittee PH/4/6, Self-contained breathing apparatus, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 11 and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the Health and Environment Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 October 2000

© BSI 14 November 2005

ISBN 0 580 36514 X

Amendments issued since publication

Amd. No.	Date	Comments
14484	20 August 2003	Revision of EN Introduction
15783	14 November 2005	Modifications to Figures 1 and 4

English version

Respiratory protective devices — Gas cylinder valves — Part 1: Thread connections for insert connector

(includes amendment A1:2003, A2:2005)

Appareils de protection respiratoire — Robinets
de bouteille à gaz —
Partie 1: Raccords de queue filetés
(inclut l'amendement A1:2003, A2:2005)

Atenschutzgeräte — Gasflaschenventile —
Teil 1: Gewindeverbindung am
Einschraubstutzen
(enthält Änderung A1:2003, A2:2005)

This European Standard was approved by CEN on 27 July 2000, amendment A1 was approved by CEN on 28 February 2003 and amendment A2 was approved by CEN on 14 November 2005.

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 standards with out any alteration. 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.

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 Central Sectariat has the same status as the official versions.

CEN members are the national Standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 79 "Respiratory protective devices" the secretariat of which is held by DIN.

This European Standard replaces EN 144-1:1991.

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 February 2001, and conflicting national standards shall be withdrawn at the latest by February 2001.

This European Standard 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 Directives(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

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.

Foreword to amendment A1

This document EN 144-1:2000/A1:2003 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 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.

This Amendment to the European Standard EN 144-1:2000 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).

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Foreword to amendment A2

This document (EN 144-1:2000/prA2:2004) has been prepared by Technical Committee CEN/TC 79, "Respiratory protective devices", the secretariat of which is held by DIN.

This document is currently submitted to the Unique Acceptance Procedure.

This Amendment to the European Standard EN 144-1:2000 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

CEN/TC 79 recognizes that work is in hand to produce EN ISO standards. At the time this standard was prepared the proposed EN ISO standards were available as drafts. If when EN 144-1 is next revised and the EN ISO standards have been published, consideration may be given to adopting the EN ISO standards in place of EN 144-1.

1 Scope

This European Standard applies to the connection between a gas cylinder valve and a gas cylinder for respiratory protective devices.

It specifies the dimensions and tolerances for thread connections to be used for respiratory protective devices and contains requirements for impact resistance for the connection between a gas cylinder and a gas cylinder valve.