

HINGAMISTEEDE KAITSEVAHENDID. GAASIBALLOONI
VENTIILID. OSA 3: SUKELDUMISGAASIDE NITROX JA
HAPNIK RÕHUALANDAJATE KINNITUSLIITMIKUD

Respiratory protective devices - Gas cylinder valves -
Part 3: Outlet connections for diving gases Nitrox and
oxygen

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 144-3:2003 sisaldab Euroopa standardi EN 144-3:2003, EN 144-3:2003/AC:2003 ingliskeelset teksti.	This Estonian standard EVS-EN 144-3:2003 consists of the English text of the European standard EN 144-3:2003, EN 144-3:2003/AC:2003.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 26.02.2003.	Date of Availability of the European standard is 26.02.2003.
Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.	The standard is available from the Estonian Centre for Standardisation and Accreditation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 13.340.30

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardimis- ja Akrediteerimiskeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardimis- ja Akrediteerimiskeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardimis- ja Akrediteerimiskeskusega: Koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation and Accreditation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation and Accreditation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation and Accreditation:

Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

ICS 13.340.30

English version

Respiratory protective devices - Gas cylinder valves - Part 3:
Outlet connections for diving gases Nitrox and oxygen

Appareils de protection respiratoire - Robinets de bouteille
à gaz - Partie 3: Raccords de sortie pour gaz de plongée
Nitrox et oxygène

Atemschutzgeräte - Gasflaschenventile - Teil 3:
Gewindeverbindungen am Ausgangsstutzen für die
Tauchgase Nitrox und Sauerstoff

This European Standard was approved by CEN on 21 November 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovak Republic, Spain, Sweden, Switzerland and United Kingdom.



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

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

Contents

	page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Thread connection for valve outlet	6
3.1 Thread connection for pressures up to 250 bar (nominal pressure 200 bar)	6
3.2 Thread connection for pressures between 250 bar and 350 bar (nominal pressure 300 bar)	7
4 Marking	7
Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives.	8

Foreword

This document (EN 144-3:2003) 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 August 2003, and conflicting national standards shall be withdrawn at the latest by August 2003.

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 Directive(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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovak Republic, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

In recognition of the very high number of valves using threads of existing national design and the high costs that would be caused by the unnecessary early replacement of these, it is acknowledged that a 5 year transitional period will be required to phase in valves using the thread described in this standard. During the ensuing period valves may be supplied with threads to the existing national design or to the standard described herein.

1 Scope

This European Standard is applicable to a thread connection used for the connection between a gas cylinder valve and a pressure reducer for respiratory equipment for diving containing breathable nitrox gas with an oxygen content greater than 22 % or oxygen. This European Standard specifies the dimensions and tolerances for connections which are used for respiratory equipment.

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).

EN 144-1, *Respiratory protective devices – Gas cylinder valves – Part 1: Thread connections for insert connector*