



BSI Standards Publication

Respiratory protective devices — Methods of test

Part 4: Flame test

National foreword

This British Standard is the UK implementation of EN 13274-4:2020. It supersedes BS EN 13274-4:2001, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PH/4, Respiratory protection.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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

© The British Standards Institution 2020

Published by BSI Standards Limited 2020

ISBN 978 0 580 52402 8

ICS 13.220.40; 13.340.30

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2020.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

English Version

Respiratory protective devices - Methods of test - Part 4: Flame test

Appareils de protection respiratoire - Méthodes d'essai
- Partie 4 : Essais à la flamme

Atemschutzgeräte - Prüfverfahren - Teil 4:
Flammenprüfungen

This European Standard was approved by CEN on 8 June 2020.

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

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



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents		Page
European foreword.....		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Pre-requisites.....	5
5	Nominal values and tolerances	5
6	Six burner static test: Method 1	6
6.1	Principle	6
6.2	Test rig	6
6.3	Procedure.....	7
7	Single burner static test: Method 2	9
7.1	Principle	9
7.2	Test rig	9
7.3	Procedure.....	10
8	Single burner dynamic test: Method 3.....	11
8.1	Principle	11
8.2	Test rig	11
8.3	Procedure.....	12
Bibliography.....		13

European foreword

This document (EN 13274-4:2020) 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 April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

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

This document supersedes EN 13274-4:2001.

The following main technical changes have been made compared to EN 13274-4:2001:

- a) Clause 5 amended regarding the estimation of uncertainty;
- b) test rig more specified;
- c) procedure added to test the visor at an angle of 45 degrees.

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