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VENTILEERITAVATELE KAITSERÕIVASTELE

Protective clothing against solid airborne particles
including radioactive contamination - Part 1:
Requirements and test methods for compressed air line
ventilated protective clothing, protecting the body and
the respiratory tract

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1073-1:2016+A1:2018 sisaldab Euroopa standardi EN 1073-1:2016+A1:2018 ingliskeelset teksti.	This Estonian standard EVS-EN 1073-1:2016+A1:2018 consists of the English text of the European standard EN 1073-1:2016+A1:2018.
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.
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English Version

Protective clothing against solid airborne particles
including radioactive contamination - Part 1:
Requirements and test methods for compressed air line
ventilated protective clothing, protecting the body and the
respiratory tract

Vêtements de protection contre les particules solides
en suspension dans l'air, incluant la contamination
radioactive - Partie 1: Exigences et méthodes des
vêtements de protection ventilés par une adduction
d'air comprimé protégeant le corps et le système
respiratoire

Schutzkleidung gegen feste Partikel einschließlich
radioaktiver Kontamination - Teil 1: Anforderungen
und Prüfverfahren für belüftete Schutzkleidung, zum
Schutz des Körpers und der Atemwege

This European Standard was approved by CEN on 27 November 2015 and includes Corrigendum 1 issued by CEN on 1 June 2016 and Amendment 1 approved by CEN on 23 April 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

Contents	Page
European foreword	4
1 Scope	5
2 Normative references	5
3  Terms, definitions and abbreviations 	6
4 Requirements	7
4.1 Design	7
4.2 Materials	7
4.3 Nominal protection factor	8
4.4 Seam strength, Joins and Assemblages	9
4.4.1 Seam strength	9
4.4.2 Detachable joins	9
4.5 Visor	9
4.6 Air supply system	10
4.7 Air flow rate	10
4.8 Air flow rate warning device	10
4.9 Supply valve	11
4.10 Exhaust devices	11
4.11 Pressure in the suit	11
4.12 Carbon dioxide content of the inhalation air	11
4.13 Noise associated with the air supply to the suit	11
4.14 Escape device or emergency breathing facility	11
4.15 Expressing of the results	11
5 Test methods	11
5.1 Test preparation	11
5.1.1 General	11
5.1.2 Visual inspection	11
5.1.3 Conditioning for storage on samples and pre-treatment for reusable suits	12
5.2 Practical performance test	12
5.2.1 General	12
5.2.2 Procedure	13
5.2.3 Information to be recorded	13
5.3 Measurement of minimum and maximum air flow rate	14
5.4 Determination of the nominal protection factor	14
5.5 Detachable joins pull test	14
5.6 Exhaust device pull test	14
5.7 Suit test fixture	15
5.8 Carbon dioxide content of inhaled air	15
5.8.1 Test equipment	15
5.8.2 Test procedure	16
5.9 Emergency breathing/escape device protection test	16
6 Marking	16
7 Information supplied by the manufacturer	17
Annex A (normative) Total inward leakage test	19
A.1 Principle	19

A.2	Test subjects	19
A.3	Sodium chloride aerosol	19
A.3.1	Aerosol generator	19
A.3.2	Test agent	19
A.3.3	Detection	19
A.3.4	Flame photometer	20
A.3.5	Sample pump	20
A.3.6	Sampling of chamber concentration	20
A.4	Sampling	21
A.4.1	General	21
A.4.2	Sampling probes for the body and the challenge concentration	21
A.4.3	Sampling probe for the respiratory area	22
A.4.4	Position of sampling probes during the test	23
A.4.5	Collecting device used for a simultaneous extraction of the air from the 3 sampling probes located in the suit	24
A.4.6	Sampling lines	24
A.5	Test chamber	24
A.6	Treadmill	25
A.7	Pressure detection probe	25
A.8	Test procedure	25
A.9	Assessment of results	26
Annex B (normative)	Optical Chart	28
Annex C (normative)	A1 Field of vision	29
C.1	Introduction	29
C.2	Proposed test procedure	29
Annex D (informative)	Environmental issues	30
Annex ZA (informative)	Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment aimed to be covered	31
Bibliography		33

European foreword

This document (EN 1073-1:2016+A1:2018) has been prepared by Technical Committee CEN/TC 162 “Protective clothing including hand and arm protection and lifejackets”, 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 February 2019, and conflicting national standards shall be withdrawn at the latest by February 2019.

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 includes Amendment 1 approved by CEN on 23 April 2018.

This document supersedes **EN 1073-1:2016**.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **EN 1073-1:2016** and **EN 1073-1:2016**.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of Regulation (EU) 2016/425.

For relationship with EU Regulation, see informative Annex ZA, which is an integral part of this document.

EN 1073 is currently composed with the following parts:

- EN 1073-1, *Protective clothing against solid airborne particles including radioactive contamination — Part 1: Requirements and test methods for compressed air line ventilated protective clothing, protecting the body and the respiratory tract;*
- EN 1073-2, *Protective clothing against radioactive contamination — Part 2: Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination.*

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, 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.

1 Scope

This European Standard specifies the requirements and test methods for protective clothing, ventilated by an independent supply of air from an uncontaminated source, protecting the body and the respiratory system of the wearer against solid airborne particles including radioactive contamination. This kind of protective clothing can be provided with an emergency breathing facility.

This European Standard does not apply for the protection against ionizing radiation and the protection of patients against contamination with radioactive substances by diagnostic and/or therapeutic measures.

If additional protection against chemicals is required, reference should be made to the relevant standard and/or CEN/TR 15419.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 132, *Respiratory protective devices — Definitions of terms and pictograms*

EN 134, *Respiratory protective devices — Nomenclature of components*

EN 136:1998, *Respiratory protective devices — Full face masks — Requirements, testing, marking*

EN 12021, *Respiratory equipment — Compressed gases for breathing apparatus*

EN 12941:1998, *Respiratory protective devices — Powered filtering devices incorporating a helmet or a hood — Requirements, testing, marking*

EN 13274-3:2001, *Respiratory protective devices — Methods of test — Part 3: Determination of breathing resistance*

EN 13274-4, *Respiratory protective devices — Methods of test — Part 4: Flame tests*

EN 13274-6, *Respiratory protective devices — Methods of test — Part 6: Determination of carbon dioxide content of the inhalation air*

EN 14325, *Protective clothing against chemicals — Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages*

EN 14594, *Respiratory protective devices — Continuous flow compressed air line breathing apparatus - Requirements, testing, marking*

EN 14605:2005+A1:2009, *Protective clothing against liquid chemicals — performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])*

EN ISO 13688, *Protective clothing — General requirements (ISO 13688)*

CEN ISO/TR 11610, *Protective clothing — Vocabulary (ISO/TR 11610)*