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**Kaitserõivad jugatöötlemiseks teraliste
abrasiividega**

Protective clothing for abrasive blasting operations
using granular abrasives

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 14877:2002 sisaldab Euroopa standardi EN ISO 14877:2002 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 15.11.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 14877:2002 consists of the English text of the European standard EN ISO 14877:2002.</p> <p>This document is endorsed on 15.11.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European draft standard specifies minimum requirements and test methods for protective clothing for abrasive blasting operations and for hand protection, for the treatment of surfaces with granular abrasives propelled by compressed air or by mechanical means. The protection against substances that develop during the blasting operation as well as connections between the protective clothing and the respiratory protective device are also covered. This European draft standard does not apply to steam blasting, jet blasting and flame blasting operations.</p>	<p>Scope: This European draft standard specifies minimum requirements and test methods for protective clothing for abrasive blasting operations and for hand protection, for the treatment of surfaces with granular abrasives propelled by compressed air or by mechanical means. The protection against substances that develop during the blasting operation as well as connections between the protective clothing and the respiratory protective device are also covered. This European draft standard does not apply to steam blasting, jet blasting and flame blasting operations.</p>
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Võtmesõnad: abrasives, definition, definitions, hand shields, protective clothing, sandblasters, sandblasting, shotblasters, specification (approval), specifications, testing

ICS 13.340.10

English version

Protective clothing for abrasive blasting operations
using granular abrasives
(ISO 14877 : 2002)

Vêtements de protection utilisés lors
des opérations de projection d'abra-
sifs en grains (ISO 14877 : 2002)

Schutzkleidung für Strahlarbeiten mit
körnigen Strahlmitteln
(ISO 14877 : 2002)

This European Standard was approved by CEN on 2001-11-23.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

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

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

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Foreword

The text of EN ISO 14877:2002 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, in collaboration with Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment".

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 2002, and conflicting national standards shall be withdrawn at the latest by October 2002.

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 EU Directive(s).

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

Annex A is informative.

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

In abrasive blasting, the worker is exposed to hazards caused by the abrasive (direct projection and rebounding abrasives) and substances produced during the abrasive blasting operation. Depending on the working conditions, the protection against these hazards requires suitable protective clothing as well as suitable respiratory protective equipment. For clothing connected to respiratory protective devices, this standard takes into account the specifications regarding respiratory protective equipment (CEN/TC 79).

1 Scope

This European Standard specifies minimum requirements and test methods for protective clothing for abrasive blasting operations and for hand protection, for the treatment of surfaces with granular abrasives propelled by compressed air or by mechanical means. The protection against substances that develop during the blasting operation as well as connections between the protective clothing and the respiratory protective device are also covered.

This European Standard does not apply to steam blasting, jet blasting and flame blasting operations.

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 270:1994, *Respiratory protective devices - Compressed air line breathing apparatus incorporating a hood - Requirement, testing, marking.*

EN 271, *Respiratory protective devices - Compressed air line or powered fresh air hose breathing apparatus incorporating a hood for use in abrasive blasting operations - Requirements, testing, marking.*

EN 340:1993, *Protective clothing - General requirements.*

EN 388:1994, *Protective gloves against mechanical risks.*

EN 420:1994, *General requirements for gloves.*

EN 466:1995/A1, *Protective clothing - Protection against liquid chemicals - Performance requirements for chemical protective clothing with liquid-tight connections between different parts of the clothing (Type 3 Equipment).*

EN 530, *Abrasion resistance of protective clothing material - Test methods.*

EN 863, *Protective clothing - Mechanical properties - Test method: Puncture resistance.*

ISO 1421, *Fabrics coated with rubber or plastics - Determination of breaking strength and elongation at break.*

ISO 3175-2, *Textiles - Dry cleaning and finishing - Part 2: Procedures for tetrachloroethene.*

ISO 3758, *Textiles - Care labelling code using symbols.*

ISO 4674, *Fabrics coated with rubber or plastics - Determination of tear resistance.*

ISO 6330, *Textiles - Domestic washing and drying procedures for textile testing.*

EN ISO 13934-1, *Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force - Strip method.*

EN ISO 13934-2, *Textiles - Tensile properties of fabrics - Part 2: Determination of maximum force - Grab method.*

EN ISO 13937-2, *Textiles - Tearing properties of fabrics - Part 2: Trouser method.*