

**SLOVENSKI STANDARD**  
**oSIST prEN 1149-5:2017**  
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**Varovalna obleka - Elektrostatične lastnosti - 5. del: Zahtevane lastnosti za materiale in za načrtovanje oblačil**

Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements

Schutzkleidung - Elektrostatische Eigenschaften - Teil 5: Leistungsanforderungen an Material und Konstruktionsanforderung

Vêtements de protection - Propriétés électrostatiques - Partie 5 : Exigences de performance des matériaux et de conception

**Ta slovenski standard je istoveten z: prEN 1149-5**

<https://standards.iteh.ai/catalog/standards/sist/bc34f696-86ff-4215-8bd6-5fafa97e01c8/sist-en-1149-5-2018>

**ICS:**

13.340.10      Varovalna obleka      Protective clothing

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**DRAFT**  
**prEN 1149-5**

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English Version

**Protective clothing - Electrostatic properties - Part 5:  
Material performance and design requirements**

Vêtements de protection - Propriétés électrostatiques -  
Partie 5 : Exigences de performance des matériaux et  
de conception

Schutzkleidung - Elektrostatische Eigenschaften - Teil  
5: Leistungsanforderungen an Material und  
Konstruktionsanforderung

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 162.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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## European foreword

This document (prEN 1149-5:2016) 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 document is currently submitted to the CEN Enquiry.

This document will supersede EN 1149-5:2008.

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.

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**prEN 1149-5:2016 (E)****Introduction**

This European Standard is part of a series of standards for test methods and requirements for electrostatic properties of protective clothing. Different parts are necessary, because of the various fields of application and materials.

EN 1149 consists of the following parts, under the general title “Protective clothing – Electrostatic properties”:

- Part 1: Test method for measurement of surface resistivity
- Part 2: Test method for measurement of the electrical resistance through a material (vertical resistance);
- Part 3: Test methods for measurement of charge decay;
- Part 4: Garment test (under development);
- Part 5: Material performance and design requirements.

A complete garment test is under study. As long as such a test is not available, it may not be possible to perform full assessment of the electrostatic properties of protective clothing. This set of standards reflects the current state of knowledge.

Further guidance on the EN 1149 series and on the selection, use, care and maintenance of electrostatic dissipative protective clothing is given in CEN/TR 16832: 2015 [1]<sup>1)</sup>

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<sup>1)</sup> Numbers in square brackets refer to the bibliography.