

SLOVENSKI STANDARD SIST EN ISO 14918:2018

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Nadomešča:

SIST EN ISO 14918:1999

Vroče brizganje - Ugotavljanje primernosti opreme (ISO 14918:2018)

Thermal spraying - Qualification testing of thermal sprayers (ISO 14918:2018)

Thermisches Spritzen - Prüfung von thermischen Spritzern (ISO 14918:2018)

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Projection thermique - Qualification des agents en projection thermique (ISO 14918:2018) (standards.iten.ai)

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Ta slovenski standard je istoveten zilog/starENJSO 14918:2018 e-8f78-

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ICS:

25.220.20 Površinska obdelava Surface treatment

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NORME EUROPÉENNE

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English version

Thermal spraying - Qualification testing of thermal sprayers (ISO 14918:2018)

Projection thermique - Qualification des agents en projection thermique (ISO 14918:2018)

Thermisches Spritzen - Prüfung von thermischen Spritzern (ISO 14918:2018)

This European Standard was approved by CEN on 23 April 2018.

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

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EN ISO 14918:2018 (E)

European foreword

This document (EN ISO 14918:2018) has been prepared by Technical Committee ISO/TC 107 "Metallic and other inorganic coatings" in collaboration with Technical Committee CEN/TC 240 "Thermal spraying and thermally sprayed coatings" 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of an identical text or by endorsement, at the latest by December 2018, and conflicting national standards shall be withdrawn at the latest by December 2018.

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.

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INTERNATIONAL STANDARD

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Thermal spraying — Qualification testing of thermal sprayers

 $\label{eq:projection} \textit{Projection thermique} - \textit{Qualification des agents en projection} \\ \textit{thermique}$

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*.

This second edition cancels and replaces the first edition (ISO 14918:1998), which has been technically revised. a3227dc0a6db/sist-en-iso-14918-2018

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Introduction

This document examines the principles of qualification testing of sprayer performance for thermal spraying.

The quality of work involved in thermal spraying depends on the skill, operation of the spray equipment and job knowledge of the thermal sprayer.

The ability of the thermal sprayer to follow verbal and written instructions and the testing of his/her skill and operation of the spray equipment are therefore important factors in ensuring the quality of the thermally sprayed product.

This document is intended to provide the basis for mutual recognition by examining bodies for qualification relating to thermal sprayer's competence in the various fields of application. Tests can be carried out in accordance with this document, unless more severe tests are specified by the relevant application standards in which case these can be applied.

The thermal sprayer's skill and job knowledge continues to be classified as qualified as long as the thermal sprayer works with reasonable continuity on thermal spraying work within the extent of qualification.

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