



**SLOVENSKI STANDARD**  
**oSIST prEN ISO 11125-5:2024**  
**01-december-2024**

---

**Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Preskusne metode za kovinske granulate za peskanje - 5. del: Določanje odstotka poškodovanih delcev in mikrostrukture (ISO/DIS 11125-5:2024)**

Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 5: Determination of percentage defective particles and of microstructure (ISO/DIS 11125-5:2024)

Vorbereitung von Stahloberflächen vor dem Auftragen von Beschichtungsstoffen – Prüfverfahren für metallische Strahlmittel – Teil 5: Bestimmung des Anteils an defekten Körnern und des Gefüges (ISO/DIS 11125-5:2024)

Préparation des subjectiles d'acier avant application de peintures et de produits assimilés - Méthodes d'essai pour abrasifs métalliques destinés au décapage par projection - Partie 5: Détermination du pourcentage de particules défectueuses et de la microstructure (ISO/DIS 11125-5:2024)

**Ta slovenski standard je istoveten z: prEN ISO 11125-5**

**ICS:**

25.220.10	Priprava površine	Surface preparation
87.020	Postopki za nanašanje barvnih premazov	Paint coating processes

**oSIST prEN ISO 11125-5:2024**                      **en,fr,de**





# DRAFT International Standard

## ISO/DIS 11125-5

### Preparation of steel substrates before application of paints and related products — Test methods for metallic blast-cleaning abrasives —

Part 5:

### Determination of percentage defective particles and of microstructure

*Préparation des subjectiles d'acier avant application de peintures  
et de produits assimilés — Méthodes d'essai pour abrasifs  
métalliques destinés à la préparation par projection —*

*Partie 5: Détermination du pourcentage de particules  
défectueuses et de la microstructure*

ICS: 25.220.10

This document is circulated as received from the committee secretariat.

**ISO/CEN PARALLEL PROCESSING**

Reference number  
ISO/DIS 11125-5:2024(en)

ISO/TC 35/SC 12

Secretariat: **BSI**

Voting begins on:  
**2024-10-15**

Voting terminates on:  
**2025-01-07**

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENTS AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

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.

© ISO 2024

## ISO/DIS 11125-5:2024(en)

# iTeh Standards (<https://standards.itih.ai>) Document Preview

[oSIST prEN ISO 11125-5:2024](https://standards.itih.ai/catalog/standards/sist/5e4f1df8-d7bc-4e8c-9ddc-3aead80e0de3/osist-pren-iso-11125-5-2024)

<https://standards.itih.ai/catalog/standards/sist/5e4f1df8-d7bc-4e8c-9ddc-3aead80e0de3/osist-pren-iso-11125-5-2024>



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

## ISO/DIS 11125-5:2024(en)

## Contents

	Page
Foreword.....	iv
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Apparatus</b> .....	<b>1</b>
<b>5 Sampling</b> .....	<b>2</b>
<b>6 Preparation of the sample</b> .....	<b>2</b>
<b>7 Procedure</b> .....	<b>2</b>
7.1 Determination of cracks, voids and shrinkage.....	2
7.2 Determination of defectively shaped shot particles.....	2
7.3 Determination of defectively shaped grit particles.....	2
7.4 Determination of defectively shaped cylindrical particles.....	3
7.5 Determination of microstructure.....	3
<b>8 Test report</b> .....	<b>3</b>
<b>Annex A (informative) International Standards for metallic blast-cleaning abrasives</b> .....	<b>4</b>

iTeh Standards  
 (https://standards.itih.ai)  
 Document Preview

[oSIST prEN ISO 11125-5:2024](https://standards.itih.ai/catalog/standards/sist/5e4f1df8-d7bc-4e8c-9ddc-3aead80e0de3/osist-pren-iso-11125-5-2024)

<https://standards.itih.ai/catalog/standards/sist/5e4f1df8-d7bc-4e8c-9ddc-3aead80e0de3/osist-pren-iso-11125-5-2024>

## ISO/DIS 11125-5:2024(en)

### 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](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 12, *Preparation of steel substrates before application of paints and related products*.

This third edition cancels and replaces the second edition ISO 11125-5: 2018, which has been technically revised.

The main changes compared to the previous edition are as follows:

— [Clause 7.5](#) has been technically revised.

A list of all parts in the ISO 11125 series can be found on the ISO website.