

SLOVENSKI STANDARD oSIST prEN ISO 15957:2025

01-februar-2025

Preskusni prahovi za ocenjevanje opreme za čiščenje zraka (ISO/DIS 15957:2024)

Test dusts for evaluating air cleaning equipment (ISO/DIS 15957:2024)

Aufgabestäube zum Prüfen von Luftfilteranlagen (ISO/DIS 15957:2024)

Poussières d'essai pour l'évaluation des équipements d'épuration d'air (ISO/DIS 15957:2024)

Ta slovenski standard je istoveten z: prEN ISO 15957

ICS:

91.140.30

Prezračevalni in klimatski

Ventilation and airconditioning systems

oSIST prEN ISO 15957:2025

sistemi

en,fr,de

oSIST prEN ISO 15957:2025

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

oSIST prEN ISO 15957:2025

https://standards.iteh.ai/catalog/standards/sist/880e57c5-058d-4159-a6a7-44c724fe7aa4/osist-pren-iso-15957-2025



DRAFTInternational Standard

ISO/DIS 15957

Test dusts for evaluating air cleaning equipment

Poussières d'essai pour l'évaluation des équipements d'épuration d'air

ICS: 91.140.30

iTeh Standar

nttps://standards.iten Document Preview

ISO/TC 142

Secretariat: UNI

Voting begins on: **2024-11-25**

Voting terminates on: 2025-02-17

SIST prEN ISO 15957:2025

https://standards.iteh.ai/catalog/standards/sist/880e57c5-058d-4159-aba7-44c724fe7aa4/osist-pren-iso-15957-2025

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING

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/DIS 15957:2024(en)

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

oSIST prEN ISO 15957:2025

https://standards.iteh.ai/catalog/standards/sist/880e57c5-058d-4159-a6a7-44c724fe7aa4/osist-pren-iso-15957-2025



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 Website: www.iso.org

Published in Switzerland

ISO/DIS 15957:2024(en)

Contents		Page
Fore	word	iv
Intro	oduction	v
1	Scope	
	•	
2	Normative references	
3	Terms and definitions	1
4	Test dusts designation	2
5	Chemical composition	3
6	Particle size distribution	3
7	Particle size analysis procedure	4
•	7.1 L1 test dust	
	7.2 L2 test dust	4
	7.3 L3 test dust	
	7.4 L4 test dust	4
8	Production methods	4
Ü	8.1 L1 Test dust	
	8.1.1 Second cut cotton linters	
	8.1.2 Carbon black	4
	8.2 L2 test dust	5
	8.3 L3 test dust	
	8.4 L4 test dust	
9	Properties	
	9.1 L1 test dust 1.1 test dust	
	9.2 L2 test dust	
	9.3 L3 test dust	
	9.4 L4 test dust	
10	Application OSIST DEN ISO 15957:2025	
	10.1 _{s. il} General	
	10.2 L1 test dust	
	10.3 L2 test dust	
	10.4 L3 test dust 10.5 L4 test dust	
11	Related standards	
	11.1 L1 test dust	
	11.2 L2 test dust	
	11.4 L4 test dust	
40		
12	Requirements for load test dust distribution	
	ex A (normative) Material safety	8
Anne	ex B (informative) Literature review of mass size distribution of atmospheric aerosol	•
	particles	
Anne	ex C (informative) Comparison of particle size distributions	10
Bibli	iography	11

ISO/DIS 15957:2024(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).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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

For an explanation of 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 142, Cleaning equipment for air and other gases.

This second edition cancels and replaces the first edition (ISO 15957:2015), which has been technically revised.

The main changes are as follows:

- <u>section 4</u>, <u>Table 1</u>, added mean diameter for carbon description and diameter for carbon description and diameter for carbon description descripti
- added <u>8.1.1</u> Second cut cotton linters
- added 8.1.2 Carbon black

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.