

STN	Čisté priestory a príslušné riadené prostredie Časť 10: Posudzovanie čistoty povrchu z hľadiska chemickej kontaminácie (ISO 14644-10: 2022)	STN EN ISO 14644-10 12 5301
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Cleanrooms and associated controlled environments - Part 10: Assessment of surface cleanliness for chemical contamination (ISO 14644-10:2022)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/22

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English Version

Cleanrooms and associated controlled environments - Part 10: Assessment of surface cleanliness for chemical contamination (ISO 14644-10:2022)

Salles propres et environnements maîtrisés apparentés
- Partie 10: Évaluation de la propreté chimique des
surfaces (ISO 14644-10:2022)

Reinräume und zugehörige Reinraumbereiche - Teil
10: Bewertung der chemischen Oberflächenreinheit
(ISO 14644-10:2022)

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EN ISO 14644-10:2022 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 14644-10:2022) has been prepared by Technical Committee ISO/TC 209 "Cleanrooms and associated controlled environments" in collaboration with Technical Committee CEN/TC 243 "Cleanroom technology" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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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Endorsement notice

The text of ISO 14644-10:2022 has been approved by CEN as EN ISO 14644-10:2022 without any modification.

INTERNATIONAL
STANDARD

ISO
14644-10

Second edition
2022-05

Cleanrooms and associated controlled environments —

Part 10:
**Assessment of surface cleanliness for
chemical contamination**

*Salles propres et environnements maîtrisés apparentés —
Partie 10: Évaluation de la propreté chimique des surfaces*



Reference number
ISO 14644-10:2022(E)

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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Testing and grading surface chemical levels	2
4.1 Principles for testing the surface chemical contamination levels of clean surfaces in cleanrooms and controlled environments.....	2
4.2 ISO SCC descriptor format.....	2
4.3 ISO-SCC grade level.....	4
4.4 Converter for substances into surface atomic concentration.....	4
5 Measuring the cleanliness of surfaces for chemical contamination and demonstration of grade level compliance	5
5.1 Criteria for good cleanliness assessment.....	5
5.2 Documentation and reporting.....	6
5.2.1 Principle.....	6
5.2.2 Testing.....	6
5.2.3 Test report.....	6
Annex A (informative) Conversion between different unit expressions of surface concentration for chemical substances	8
Annex B (informative) Parameters influencing testing and interpretation of results	15
Annex C (informative) Essential considerations for a good cleanliness assessment	16
Annex D (informative) Methods for testing surface cleanliness for chemical concentration	17
Annex E (informative) Test record documentation	29
Bibliography	30

ISO 14644-10:2022(E)

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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This document was prepared by Technical Committee ISO/TC 209, *Cleanrooms and associated controlled environments*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 243, *Cleanroom technology*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 14644-10:2013), of which it constitutes a minor revision. The changes are as follows:

- the term class (classification, classified) changed to grade or assessment where appropriate;
- ISO 14644-1 moved from [Clause 2](#) to the Bibliography and ISO 14644-6 removed (document withdrawn);
- minor editorial changes.

A list of all parts in the ISO 14644 series can be found on the ISO website.

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Cleanrooms and associated controlled environments —

Part 10:

Assessment of surface cleanliness for chemical contamination

1 Scope

This document establishes appropriate testing processes to determine the cleanliness of surfaces in cleanrooms with regard to the presence of chemical compounds or elements (including molecules, ions, atoms and particles). This document is applicable to all solid surfaces in cleanrooms and associated controlled environments such as walls, ceilings, floors, worksurfaces, tools, equipment and devices.

NOTE 1 For the purpose of this document, consideration is only given to the chemical characteristics of a particle. The physical properties of the particle are not considered and this document does not cover the interaction between the contamination and the surface.

NOTE 2 This document does not include the contamination generation process or any time-dependent influences (e.g. deposition, sedimentation, ageing) or process-dependent activities such as transportation and handling. Neither does it include guidance on statistical quality-control techniques to ensure compliance.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN