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**Čiste sobe in podobna nadzorovana okolja - 14. del: Ocenjevanje primernosti uporabe opreme na osnovi koncentracije lebdečih delcev (ISO 14644-14:2016)**

Cleanrooms and associated controlled environments - Part 14: Assessment of suitability for use of equipment by airborne particle concentration (ISO 14644-14:2016)

Reinräume und zugehörige Reinraumbereiche - Teil 14: Bewertung der Reinraumtauglichkeit von Geräten durch Partikelkonzentration in der Luft ((ISO 14644-14:2016)

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Salles propres et environnements maîtrisés apparentés - Partie 14: Evaluation de la compatibilité des équipements en termes d'émission particulaire pour une utilisation en salle propre (ISO 14644-14:2016)

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**ICS:**

13.040.35	Brezprašni prostori in povezana nadzorovana okolja	Cleanrooms and associated controlled environments
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EUROPEAN STANDARD

EN ISO 14644-14

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## Cleanrooms and associated controlled environments - Part 14: Assessment of suitability for use of equipment by airborne particle concentration (ISO 14644-14:2016)

Salles propres et environnements maîtrisés apparentés  
- Partie 14: Évaluation de l'aptitude à l'emploi des  
équipements par la détermination de la concentration  
de particules en suspension dans l'air (ISO 14644-  
14:2016)

Reinräume und zugehörige Reinraumbereiche - Teil  
14: Bewertung der Reinraumtauglichkeit von Geräten  
durch Partikelkonzentration in der Luft (ISO 14644-  
14:2016)

This European Standard was approved by CEN on 13 August 2016.

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This European Standard exists 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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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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## European foreword

This document (EN ISO 14644-14:2016) 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 April 2017, and conflicting national standards shall be withdrawn at the latest by April 2017.

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The text of ISO 14644-14:2016 has been approved by CEN as EN ISO 14644-14:2016 without any modification.

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**Cleanrooms and associated controlled environments —**

Part 14:  
**Assessment of suitability for use  
of equipment by airborne particle  
concentration**

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*Salles propres et environnements maîtrisés apparentés —*

*Partie 14: Évaluation de l'aptitude à l'emploi des équipements par  
la détermination de la concentration de particules en suspension  
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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](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)).

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For an explanation on 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).

The committee responsible for this document is ISO/TC 209, *Cleanrooms and associated controlled environments*.

A list of all part in the ISO 14644 series, published under the general title *Cleanrooms and associated controlled environments*, can be found on the ISO website.

## Introduction

Cleanrooms and associated controlled environments provide for the control of contamination to levels appropriate for accomplishing contamination-sensitive activities. Products and processes that benefit from the control of contamination include those in such industries as aerospace, microelectronics, optics, nuclear and life sciences (pharmaceuticals, medical devices, food and healthcare).

This part of ISO 14644 links the cleanroom classification of air cleanliness by particle concentration to the suitability of equipment for use in cleanrooms and associated controlled environments.

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