



**ISO 14644-15**

**Cleanrooms and associated  
controlled environments —**

Part 15:  
**Assessment of suitability for use  
of equipment and materials by  
airborne chemical concentration**

*Salles propres et environnements maîtrisés apparentés —*

*Partie 15: Évaluation de l'aptitude à l'emploi des équipements et  
des matériaux par la détermination de la concentration chimique  
aéroportée*

**Second edition  
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This second edition cancels and replaces the first edition (ISO 14644-15:2017), of which it constitutes a minor revision. The changes are as follows:

- term class (classification, classified) changed to level or assessment where appropriate and Introduction reworded to accommodate the change;
- phrase “has to be” changed to “shall be”;
- updated ‘document titles’ and ‘Source’ dates where appropriate;
- removed references not mentioned in the text from the bibliography;
- minor editorial changes.

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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 industries such as aerospace, microelectronics, optics, nuclear, and life sciences (pharmaceuticals, medical devices, food, healthcare).

The assessment of suitability of equipment for use in cleanrooms and associated controlled environments is related to the assessment of air cleanliness for chemical contamination. Examples and suitability assessments are given in [Annexes A, B](#) and [C](#).