

BS EN ISO 14644-2:2015



BSI Standards Publication

# Cleanrooms and associated controlled environments

Part 2: Monitoring to provide evidence of cleanroom performance related to air cleanliness by particle concentration (ISO 14644-2:2015)

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### National foreword

This British Standard is the UK implementation of EN ISO 14644-2:2015. It supersedes BS EN ISO 14644-2:2000 which is withdrawn.

BS EN ISO 14644-2:2000 gave normative information on the frequency of testing of cleanroom and clean zones to give evidence of the continued compliance with the cleanliness classes given in BS EN ISO 14644-1. However, when revising BS EN ISO 14644-2 the guidance in the standard became narrower and concentrated on continuous monitoring. During the revision process of BS EN ISO 14644-2 the UK committee supported the revision work and proposed an informative annex to provide guidance on the frequency of classification testing and testing of other performance attributes. During the working group discussions these proposals were considered to be too significant a change to be included, therefore comprehensive guidance on the frequency of testing of cleanrooms and clean zones was excluded from the standard.

National Annex NA of this standard has been produced to supplement the revised BS EN ISO 14644-2:2015 and provide cleanroom users in the UK, many of whom do not need to continuously monitor their cleanrooms with automated systems, with guidance on the frequency of testing airborne particle concentrations, pressure differential monitoring, filter leak testing, air flow volumes and velocities etc. This additional information does not conflict with the requirements of the new BS EN ISO 14644-2:2015.

The UK participation in its preparation was entrusted to Technical Committee LBI/30, Cleanroom technology.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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### **Amendments/corrigenda issued since publication**

Date	Text affected
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English Version

Cleanrooms and associated controlled environments - Part  
2: Monitoring to provide evidence of cleanroom  
performance related to air cleanliness by particle  
concentration (ISO 14644-2:2015)

Salles propres et environnements maîtrisés apparentés  
- Partie 2: Surveillance du maintien des performances  
de la salle propre pour la propreté particulaire de l'air  
(ISO 14644-2:2015)

Reinräume und zugehörige Reinraumbereiche - Teil 2:  
Überwachung zum Nachweis der Reinraumleistung  
bezüglich Luftreinheit anhand der  
Partikelkonzentration (ISO 14644-2:2015)

This European Standard was approved by CEN on 27 November 2015.

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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