
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*

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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, healthcare).

This document addresses the cleanroom classification of air cleanliness by chemical concentration to the suitability of equipment for use in cleanrooms and associated controlled environments.

Examples and suitability assessments are given in [Annexes A, B and C](#).