
Cleanrooms and associated controlled environments —

**Part 5:
Operations**

*Salles propres et environnements maîtrisés apparentés —
Partie 5: Exploitation*



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Published in Switzerland

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Introduction

Industries and organizations of all kinds utilize cleanrooms. Operational procedures have a profound effect on the cleanliness levels achieved during the operation of the cleanroom and equipment. Consistent quality is cleanliness dependent. Operational cleanliness can only be attained and maintained through a deliberate programme established to specify, measure and enforce defined operational procedures. Regulatory agencies that have authority over processes and products produced in the cleanroom may require additional procedures and measures of cleanliness not covered in this general operating standard.

This part of ISO 14644 addresses normative and informative operational requirements related to:

- a) providing a system that defines policies and operational procedures;
- b) clothing used to isolate human-generated contamination from the cleanroom environment;
- c) training of personnel inside the cleanroom and monitoring their compliance to specified procedures and disciplines;
- d) transfer, installation and maintenance of stationary equipment (selection criteria is not discussed);
- e) selection and use of materials and portable equipment in the cleanroom;
- f) maintaining the cleanliness of the cleanroom through systematic cleaning and monitoring procedures.