

**INSTITUTE OF
ENVIRONMENTAL
SCIENCES AND
TECHNOLOGY**

**Contamination Control Division
Recommended Practice 027.2**

IEST-RP-CC027.2

**Personnel Practices and Procedures
in Cleanrooms and Controlled
Environments**

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1 SCOPE AND LIMITATIONS

1.1 Scope

This Recommended Practice (RP) provides a basis for establishing personnel procedures and the development of training programs for cleanrooms and other contamination controlled environments.

1.2 Limitations

This RP does not provide the specialized information needed for operations requiring control of living microbial contaminants.

A wide range of design options, equipment, protocols, and procedures can be combined to accomplish contamination control objectives consistent with the application. This document details many of these options, but it is up to the user to determine the suitability and applicability to his or her requirements.

2 REFERENCES

The following documents are incorporated into this RP to the extent specified herein. Users should apply the most recent editions of the references.

2.1 International Organization for Standardization (ISO)

ISO 14644-1 Cleanrooms and associated controlled environments—Part 1: Classification of air cleanliness

ISO 14644-5 Cleanrooms and associated controlled environments—Part 5: Operations

2.2 Institute of Environmental Sciences and Technology (IEST)

IEST-RP-CC003: Garment System Considerations for Cleanrooms and Other Controlled Environments

IEST-RP-CC005: Gloves and Finger Cots Used in Cleanrooms and Other Controlled Environments

IEST-RP-CC007: Testing ULPA Filters

IEST-RP-CC018: Cleanroom Housekeeping—Operating and Monitoring Procedures

IEST-RP-CC026: Cleanroom Operations

IEST-STD-CC1246: Product Cleanliness Levels And Contamination Control Program

2.3 Sources and addresses

IEST

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ISO

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Outside the U.S.: Documents available from representative ISO member body organization