

**INSTITUTE OF  
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**Contamination Control Division  
Recommended Practice 027.2**

**IEST-RP-CC027.2**

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

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**INSTITUTE OF ENVIRONMENTAL SCIENCES AND TECHNOLOGY**

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# Personnel Practices and Procedures in Cleanrooms and Controlled Environments

## IEST-RP-CC027.2

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

## **IEST-RP-CC027.2**

### **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 those 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