

**INSTITUTE OF  
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**Contamination Control Division  
Recommended Practice 026.2**

**IEST-RP-CC026.2**

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**Cleanroom Operations**

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**INSTITUTE OF ENVIRONMENTAL SCIENCES AND TECHNOLOGY**

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1827 Walden Office Square, Suite 400 |  
Schaumburg, IL 60173 USA  
Phone: (847) 981-0100 • Fax: (847) 981-4130  
E-mail: [iest@iest.org](mailto:iest@iest.org) • Web: [www.iest.org](http://www.iest.org)



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1827 Walden Office Square, Suite 400 | Schaumburg, IL 60173 USA

Phone: (847) 981-0100 • Fax: (847) 981-4130

E-mail: [iest@iest.org](mailto:iest@iest.org) • Web: [www.iest.org](http://www.iest.org)

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# Cleanroom Operations

## IEST-RP-CC026.2

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# Cleanroom Operations

## IEST-RP-CC026.2

### 1 SCOPE AND LIMITATIONS

This Recommended Practice (RP) provides guidance for maintaining the integrity of the cleanroom during ancillary operations.

#### 1.1 Scope

Ancillary operations include:

- a) Preparation of supplies and materials
- b) Modification of the facility
- c) Installation and repair of equipment

Procedures are given for verifying the cleanliness of the equipment, the workstation, and the area, following these ancillary operations.

#### 1.2 Limitations

This Recommended Practice does not address the effect of contamination from the equipment or facility upon the product under manufacture, nor does it specify limits of acceptance for operational conditions. It does, however, recommend standard terminology for specifying desired limits.

### 2 REFERENCES

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

#### 2.1 Standards and recommended practices

*ASTM-D3154-00 Standard Test Method for Average Velocity in a Duct (Pitot Tube Method)*

*ASTM-F24: Standard Method for Measuring and Counting Particulate Contamination on Surfaces*

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

*IEST-RP-CC004: Evaluating Wiping Materials Used in Cleanrooms and Other Controlled Environments*

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

*IEST-RP-CC012: Considerations in Cleanroom Design*

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

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

#### 2.2 Sources

##### ASTM

American Society for Testing and Materials  
100 Barr Harbor Drive  
West Conshohocken, Pennsylvania 19428-2959 USA  
[www.astm.org](http://www.astm.org)

##### IEST

Institute of Environmental Sciences and Technology  
1827 Walden Office Square, Suite 400 |  
Schaumburg, IL 60173 USA  
[www.iest.org](http://www.iest.org)

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