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ANSI Z4.1-1986

American National Standard

*for Sanitation in
Places of Employment –
Minimum Requirements*

 **ANSI** American National Standards Institute
11 West 42nd Street
New York, New York
10036

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National Standard

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ANSI Z4.1-1979

American National Standard for Sanitation in Places of Employment – Minimum Requirements

Sponsor

Portable Sanitation Association International

Approved July 31, 1986

American National Standards Institute, Inc

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available knowledge and experience on the subject of industrial sanitation, and are intended to present minimum requirements recommended for use by employers, building owners, and others concerned with the design and construction of industrial and commercial buildings. These provisions are also suitable for adoption by governmental administrative authorities.

This standard supersedes the 1979 edition of the American National Standard Minimum Requirements for Sanitation in Places of Employment.

Suggestions for improvement of this standard will be welcome. They should be sent to the Portable Sanitation Association International, 7800 Metro Parkway, Suite 104, Bloomington, MN 55420.

Consensus for approval of this standard as an American National Standard was achieved by use of the Canvass Method.

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1.1	Scope	4
1.2	Purpose	4
2.	Definitions	4
3.	General Requirements	4
3.1	Housekeeping	4
3.2	Expectorating	4
3.3	Waste Disposal	4
3.4	Rodent, Insect, and Vermin Control	5
4.	Lighting and Ventilation	5
4.1	Lighting	5
4.2	Ventilation	5
5.	Water Supply	5
5.1	Potable Water	5
5.2	Nonpotable Water	6
6.	Toilet Facilities	6
6.1	General	6
6.2	Construction of Toilet Rooms	6
6.3	Construction and Installation of Toilet Facilities	7
6.4	Nonsewered Waste-Disposal Systems	7
7.	Washing Facilities	7
8.	Changing Rooms	8
9.	Lunch Rooms	8
10.	Food Service	8
Tables		
Table 1	Ventilation Rates	5
Table 2	Minimum Number of Stools	6
Table 3	Minimum Floor Space per Unit for Stools, Lavatories, and Urinals.	7
Table 4	Minimum Number of Lavatories	7
Table 5	Minimum Lunch Room Area per Person.	8

ANSI Z4.1-1986 (R199...) Minimum Requirements for Sanitation in Places of Employment – Minimum Requirements

1. Scope and Purpose

1.1 Scope. This standard applies to all permanent places of employment, except where domestic, mining, or common carrier transportation work only is performed. It does not apply to family housing provided by the employer in one- or two-family dwellings, nor to temporary labor camps; the latter are covered by American National Standard Minimum Requirements for Sanitation in Temporary Labor Camps, ANSI Z4.4-1968. Measures to control toxic materials are also outside the scope of this standard.

1.2 Purpose. The purpose of this standard is to prescribe minimum sanitary requirements for the protection of the health of employees in permanent places of employment as described in 1.1.

2. Definitions

approved. Approved by the authority having jurisdiction.

lavatory. A basin or similar vessel for washing hands, arms, face, and head.

lunchroom. An area set aside specifically for eating of lunches and provided with seats, tables, and waste receptacles.

nonsewered waste-disposal system. A sanitary waste-disposal system not connected to a sanitary sewer, septic tank, or on-site sewage-disposal system.

number of employees. For the purpose of this standard, the maximum number of employees present at any one time on a regular shift.

potable water. Water which is free of objectionable pollution, contamination, minerals, or infection and is approved for domestic consumption by the authority having jurisdiction, or, in the absence of such authority, water meeting the requirements of the U.S. Environmental Protection Agency.

sanitary condition. Within the meaning of this standard, that physical condition of working quarters which will tend to prevent the incidence and spread of disease.

stool. A toilet facility maintained within a toilet room for the purpose of defecation.

toilet facility. A fixture maintained within a toilet room for the purpose of defecation or urination, or both.

toilet room. An enclosure containing one or more toilet facilities. A toilet room may be either permanent or portable.

urinal. A toilet facility maintained within a toilet room for the sole purpose of urination.

wash room. Any space or room (including shower room) in a place of employment used solely for the purpose of maintaining body cleanliness.

3. General Requirements

3.1 Housekeeping

3.1.1 All places of employment shall be maintained in a sanitary condition.

3.1.2 The floor of every workroom shall be maintained in a clean and, so far as possible, dry condition. Where wet processes are used, floor drainage shall be maintained. If dry standing and walking surfaces cannot be maintained, anti-slip surfaces shall be provided.

3.1.3 Cleaning and sweeping shall be done in such a manner as to minimize the amount of dust in the air.

3.1.4 To facilitate cleaning, every floor, working place, and passageway shall be kept free from protruding nails, splinters, holes, or loose boards.

3.2 Expectorating

3.2.1 Expectorating upon the walls, floors, work places, or stairs of any establishment shall not be permitted.

3.2.2 Cuspidors are considered undesirable, but, if used, they shall be of such construction that they are cleanable or disposable. They shall be cleaned or replaced at least daily when in use.

3.3 Waste Disposal

3.3.1 Any receptacle used for putrescible solid or liquid waste or refuse shall be so constructed that it