



**DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS**  
**DIRECTOR'S OFFICE**  
**OCCUPATIONAL HEALTH STANDARDS**

Filed with the Secretary of State on January 1, 1975 (as amended February 24, 2015)

These rules become effective immediately upon filing with the Secretary of State unless adopted under section 33, 44, or 45a(6) of 1969 PA 306.

Rules adopted under these sections become effective 7 days after filing with the Secretary of State.

(By authority conferred on the director of the department of licensing and regulatory affairs by sections 14 and 24 of 1974 PA 154, and Executive Reorganization Order Nos. 1996-2, 2003-1, 2008-4, and 2011-4, MCL 445.2001, 445.2011, 445.2025, and 445.2030)

R 325.47401, R 325.47403, R 325.47405, R 325.47407, R 325.47408, R 325.47409, R 325.47410, R 325.47411, R 325.47414, R 325.47415, R 325.47416, R 325.47417, R 325.47418, R 325.47419, R 325.47420, R 325.47424, and R 325.47425 are added to the Michigan Administrative Code and Occupational Health Rules 4201 and 4202 are rescinded, as follows:

**PART 474. SANITATION**

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**R 325.47401. Scope.**

**Rule 47401.** (1) The rules in this part apply to permanent places of employment.

**R 325.47403. Adopted and referenced rules.**

**Rule 47403.** (1) The United States (U.S.) Environmental Protection Agency's National Primary Drinking Water Regulations 40 C.F.R. Part 141 are adopted in these rules. The regulations are available from the U.S. Government Printing Office Website at: [www.gpo.gov](http://www.gpo.gov), at no cost as of the date of adoption of these rules.

(2) The standards adopted in this rule are available for inspection at the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive, Lansing, Michigan, 48909-8143.

(3) Copies of the standard adopted in this rule may be obtained from the publisher or may be obtained from the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive,

Lansing, Michigan, 48909-8143, at the cost charged in this rule, plus \$20.00 for shipping and handling.

(4) The following Michigan Occupational Safety and Health Standards are referenced in these rules. Up to 5 copies of these standards may be obtained at no charge from the Michigan Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48909-8143 or via the internet at web-site: [www.michigan.gov/mioshastandards](http://www.michigan.gov/mioshastandards). For quantities greater than 5, the cost, as of the time of adoption of these rules, is 4 cents per page.

(a) Occupational Health Standard Part 301 'Air Contaminants for General Industry,' R 325.51101 to R 325.51108.

(b) Occupational Health Standard OH Part 305 'Asbestos in General Industry,' R 325.51311 to R 325.51312.

**R 325.47405. Definitions.**

**Rule 47405.** (1) "Nonwater carriage toilet facility" means a toilet facility not connected to a sewer.

(2) "Number of employees" means, unless otherwise specified, the maximum number of employees present at any 1 time on a regular shift.

(3) "Personal service room" means a room used for activities not directly connected with the production or service function performed by the establishment. Such activities include, but are not limited to, first aid, medical services, dressing, showering, toilet use, washing, and eating.

(4) "Potable water" means water that meets the standards for drinking purposes by the state or local authority having jurisdiction, or water that meets the quality standards prescribed by the U.S. Environmental Protection Agency's National Primary Drinking Water Regulations 40 C.F.R. 141, as referenced in R 325.47403.

(5) "Toilet facility" means a fixture maintained within a toilet room for the purpose of defecation or urination, or both.

(6) "Toilet room" means a room maintained within or on the premises of any place of employment, containing toilet facilities for use by employees.

(7) "Toxic material" means a material in concentration or amount which exceeds the applicable limit established by a standard, such as Occupational Health Standard Part 301 'Air Contaminants for General Industry,' and Occupational Health Standard Part 305 'Asbestos in General Industry,' as referenced in R 325.47403, or, in the absence of an applicable standard, that is of such toxicity so as to constitute a recognized hazard that is causing or is likely to cause death or serious physical harm.

(8) "Urinal" means a toilet facility maintained within a toilet room for the sole purpose of urination.

(9) "Water closet" means a toilet facility maintained within a toilet room for the purpose of both defecation and urination and which is flushed with water.

(10) "Wet process" means any process or operation in a workroom which normally results in surfaces upon which employees may walk or stand becoming wet.

**R 325.47407. Housekeeping.**

**Rule 47407.** (1) All places of employment shall be kept clean to the extent that the nature of the work allows.

(2) The floor of every workroom shall be maintained, so far as practicable, in a dry condition. Where wet processes are used, drainage shall be maintained and false floors, platforms, mats, or other dry standing places shall be provided, where practicable, or appropriate waterproof footwear shall be provided.

(3) To facilitate cleaning, every floor, working place, and passageway shall be kept free from protruding nails, splinters, loose boards, and unnecessary holes and openings.

**R 325.47408. Waste disposal.**

**Rule 47408.** (1) Any receptacle used for putrescible solid or liquid waste or refuse shall be so constructed that it does not leak and may be thoroughly cleaned and maintained in a sanitary condition. Such a receptacle shall be equipped with a solid tight-fitting cover, unless it can be maintained in a sanitary condition without a cover. The requirement in this subrule does not prohibit the use of receptacles which are designed to permit the maintenance of a sanitary condition without regard to the aforementioned requirements.

(2) All sweepings, solid or liquid wastes, refuse, and garbage shall be removed in such a manner as to avoid creating a menace to health and as often as necessary or appropriate to maintain the place of employment in a sanitary condition.

**R 325.47409. Vermin control.**

**Rule 47409.** Every enclosed workplace shall be so constructed, equipped, and maintained, so far as reasonably practicable, as to prevent the entrance or harborage of rodents, insects, and other vermin. A continuing and effective extermination program shall be instituted where their presence is detected.

**R 325.47410. Water supply.**

**Rule 47410.** (1) The employer shall ensure that potable water is provided in all places of employment, for drinking, washing of the person, cooking, washing of foods, washing of cooking or eating utensils, washing of food preparation or processing premises, and personal service rooms.

(2) Portable drinking water dispensers shall be designed, constructed, and serviced so that sanitary conditions are maintained, are be capable of being closed, and are equipped with a tap.

(3) Open containers such as barrels, pails, or tanks for drinking water from which the water must be dipped or poured, whether or not they are fitted with a cover, are prohibited.

(4) A common drinking cup and other common utensils are prohibited.

**R 325.47411. Nonpotable water.**

**Rule 47411.** (1) The employer shall ensure that outlets for nonpotable water, such as water for industrial or firefighting purposes, are posted or otherwise marked in a manner that will indicate clearly that the water is unsafe and is not to be used for drinking, washing of the person, cooking, washing of food, washing of cooking or eating utensils, washing of food preparation or processing premises, or personal service rooms, or for washing clothes.

(2) Construction of nonpotable water systems or systems carrying any other nonpotable substance shall be such as to prevent backflow or backsiphonage into a potable water system.

(3) Nonpotable water shall not be used for washing any portion of the person, cooking or eating utensils, or clothing. Nonpotable water may be used for cleaning work premises, other than food processing and preparation premises and personal service rooms, provided that this nonpotable water does not contain concentrations of chemicals, fecal coliform, or other substances which could create unsanitary conditions or be harmful to employees.

**R 325.47414. Toilet facilities.**

**Rule 47414.** (1) Except as otherwise indicated in this rule, toilet facilities, in toilet rooms separate for each sex, shall be provided in all places of employment in accordance with Table 1 of this rule. The number of facilities to be provided for each sex shall be based on the number of employees of that sex for whom the facilities are furnished. Where toilet rooms will be occupied by no more than 1 person at a time, can be locked from the inside, and contain at least 1 water closet, separate toilet rooms for each sex need not be provided. Where such single-occupancy rooms have more than 1 toilet facility, only 1 such facility in each toilet room shall be counted for the purpose of Table 1.

<b>TABLE 1 TOILET FACILITIES</b>	
<b>Number of employees</b>	<b>Minimum number of water closets<sup>(1)</sup></b>
1 to 15	1
16 to 35	2
36 to 55	3
56 to 80	4
81 to 110	5
111 to 150	6
Over 150	<sup>(2)</sup>
Footnote <sup>(1)</sup> : Where toilet facilities will not be used by women, urinals may be provided instead of water closets, except that the number of water closets in such cases shall not be reduced to less than 2/3 of the minimum specified.	
Footnote <sup>(2)</sup> : 1 additional fixture for each additional 40 employees	

(2) The requirements of subrule (1) of this rule do not apply to mobile crews or to normally unattended work locations so long as employees working at these locations have transportation immediately available to nearby toilet facilities which meet the requirements of subrules (1) and (3) of this rule.

(3) The sewage disposal method shall not endanger the health of employees.

**R 325.47415. Construction of toilet rooms.**

**Rule 47415.** Each water closet shall occupy a separate compartment with a door and walls or partitions between fixtures sufficiently high to assure privacy.

**R 325.47416. Washing facilities.**

**Rule 47416.** The employer shall ensure that washing facilities are maintained in a sanitary condition.

**R 325.47417. Lavatories.**

**Rule 47417.** (1) The employer shall ensure that lavatories are available in all places of employment.

(2) The requirements of this rule do not apply to mobile crews or to normally unattended work locations if employees working at these locations have transportation readily available to nearby washing facilities which meet the requirements of subrules (1), (3), (4), and (5) of this rule.

(3) Each lavatory shall be provided with hot and cold running water, or tepid running water.

(4) Hand soap or similar cleansing agents shall be provided.

(5) Individual hand towels or sections thereof, of cloth or paper, air blowers, or clean individual sections of continuous cloth toweling, convenient to the lavatories, shall be provided.

**R 325.47418. Showers.**

**Rule 47418.** (1) Whenever showers are required by a particular standard, the employer shall ensure that the showers are in accordance with these rules.

(2) One shower shall be provided for each 10 employees of each sex, or numerical fraction thereof, who are required to shower during the same shift.

(3) Body soap or other appropriate cleansing agents convenient to the showers shall be provided as specified in R 325.47417.

(4) Showers shall be provided with hot and cold water feeding a common discharge line.

(5) Employees who use showers shall be provided with individual clean towels.

**R 325.47419. Change rooms.**

**Rule 47419.** Whenever employees are required by a particular standard to wear protective clothing because of the possibility of contamination with toxic materials, the employer shall ensure that change rooms equipped with storage facilities for street clothes and separate storage facilities for the protective clothing are provided.

**R 325.47420. Clothes drying facilities.**

**Rule 47420.** Where working clothes are provided by the employer and become wet or are washed between shifts, provision shall be made to ensure that such clothing is dry before reuse.

**R 325.47424. Consumption of food and beverages on the premises.**

**Rule 47424.** (1) This rule applies only where employees are permitted to consume food or beverages, or both, on the premises.

(2) Eating and drinking areas. No employee shall be allowed to consume food or beverages in a toilet room nor in any area exposed to a toxic material.

(3) Waste disposal containers. Receptacles constructed of smooth, corrosion resistant, easily cleanable, or disposable materials, shall be provided and used for the disposal of waste food. The number, size, and location of such receptacles shall encourage their use and not result in overfilling. They shall be emptied not less frequently than once each working day, unless unused, and shall be maintained in a clean and sanitary condition. Receptacles shall be provided with a solid tight-fitting cover unless sanitary conditions can be maintained without use of a cover.

(4) Food or beverages shall not be stored in toilet rooms or in an area exposed to a toxic material.

**R 325.47425. Food handling.**

**Rule 47425.** All employee food service facilities and operations shall be carried out in accordance with sound hygienic principles. In all places of employment where all or part of the food service is provided, the food dispensed shall be wholesome, free from spoilage, and shall be processed, prepared, handled, and stored in such a manner as to be protected against contamination.

**Rule 4201 Rescinded.**

**Rule 4202 Rescinded.**



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