

DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS

DIRECTOR'S OFFICE

GENERAL INDUSTRY SAFETY AND HEALTH STANDARD STANDARDS

Filed with the secretary of state on

These rules take effect immediately upon filing with the secretary of state unless adopted under section 33, 44, or 45a(6) of the administrative procedures act of 1969, 1969 PA 306, MCL 24.233, 24.244, or 24.245a. 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 16 and 21 of **the Michigan occupational safety and health act**, 1974 PA 154, MCL 408.1016 and 408.1021, 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 408.18101a, R 408.18111, R 408.18114, R 408.18116, and R 408.18125 of the Michigan Administrative Code are amended as follows:

PART 81. BAKING OPERATIONS

R 408.18101a Adopted and referenced standards.

Rule 8101a. (1) This standard is adopted by reference in these rules, American Society of Mechanical Engineers Standard ASME "Boiler and Pressure Vessel Code, Section VIII – Unfired Pressure Vessels" 1974 edition, Division 1 and Division 2 with addenda. This standard is available from IHS Global, 15 Inverness Way East, Englewood, Colorado, USA, 80112, USA, telephone number: 1-800-854-7179 or via the internet at **the following** website: <http://global.ihs.com>; at a cost as of the time of adoption of these rules of \$514.00.

(2) The following standards are adopted by reference in these rules and are available from the National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, Massachusetts, USA, 02169-7471, telephone number: 1-800-344-3555, or via the internet at **the following** website: [custserv@nfpa.org](mailto:custserv@nfpa.org); at a cost as of the time of adoption of these rules, as stated in this rule.

(a) NFPA 62 "Code for Pulverizing Systems for Sugar and Cocoa," 1967 edition. Cost: \$27.00.

(b) NFPA 656 "Code for the Prevention of Dust Ignitions in Spice Grinding Plants," 1959 edition. Cost: \$27.00.

(3) The standards adopted in these rules are ~~also~~ available for inspection at the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, **530 West Allegan Street, P.O. Box 30643, 7150 Harris Drive, Lansing, Michigan, 48909-8143.**

(4) Copies of the standards adopted in these rules may be obtained from the publisher or may ~~also~~ be obtained from the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, **530 West Allegan Street, P.O. Box 30643, 7150 Harris Drive, Lansing, Michigan, 48909-8143, at the cost charged in this rule, plus \$20.00 for shipping and handling.**

(5) The following Michigan **Occupational Safety and Health Administrative (MIOSHA)** ~~occupational safety and health administrative~~ standards are referenced in **these rules**. ~~this standard~~. 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, **530 West Allegan Street, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48909-8143, or via the internet at: [www.michigan.gov/mioshastandards](http://www.michigan.gov/mioshastandards). For quantities greater than 5, the cost, at the time of adoption of these rules, is 4 cents per page.**

(a) General Industry Safety **and Health** Standard Part 2. "**Walking-Working Surfaces,**" ~~"Floor and Wall Openings, Stairways, and Skylights,"~~ R 408.10201 to R 408.10241.

~~(b) General Industry Safety Standard Part 3 "Fixed Ladders," R 408.10301 to R 408.10372.~~

~~(b)~~ ~~(c)~~ General Industry Safety Standard Part 8. "Portable Fire Extinguishers," R 408.10801 to R 408.10839.

~~(c)~~ ~~(d)~~ General Industry Safety Standard Part 9. "Fixed Fire Equipment," R 408.10901 to R 408.10999.

~~(d)~~ ~~(e)~~ General Industry Safety **and Health** Standard Part 14. "Conveyors," R 408.11401 to R 408.11461.

~~(e)~~ ~~(f)~~ General Industry Safety Standard Part 39. "Design Safety Standards for Electrical Systems," R 408.13901 to R ~~408.13905. 408.13902.~~

R 408.18111 Employer responsibilities.

Rule 8111. An employer shall **comply with both** ~~do all~~ of the following:

(a) Provide training to an employee as to the hazards and safe practices of the assigned job.

(b) Maintain machinery, buildings, ramps, platforms, and aisles free of recognized hazards likely to cause an injury by operation or use.

~~(c) Establish and maintain an equipment power lockout procedure as prescribed in rule 32 of the general industry safety standards commission standard, Part 1. General Rules, being R 408.10032 of the Michigan Administrative Code.~~

R 408.18114 Floors, aisles, and platforms.

Rule 8114. (1) An aisle for combined usage of an employee and stock moving equipment ~~must shall~~ be 2 feet wider than the widest load moved. In a place of employment having less than 10 employees producing hand crafted products in the production area, the aisle ~~must shall~~ be not less than 30 inches wide. The aisle ~~must shall~~ be defined.

(2) A platform, walkway, and stairway, where provided, on storage bins and machinery ~~must shall~~ be constructed as prescribed in General Industry Safety and Health Standard Part 2. **“Walking-Working Surfaces,” as referenced in R 408.18101a.** ~~“Floor and Wall Openings, Stairways, and Skylights.” A fixed ladder used in place of a stairway shall be as prescribed in the General Industry Safety Standard Part 3 “Fixed Ladders,” as referenced in R 408.18101a.~~

**(3) A fixed ladder used in place of a stairway must be as prescribed in the General Industry Safety and Health Standard Part 2. “Walking-Working Surfaces,” as referenced in R 408.18101a.**

R 408.18116 Machine installation.

Rule 8116. (1) Electrically powered machinery and equipment ~~must shall~~ be grounded.

(2) Stationary type machinery and equipment ~~must shall~~ be secured to a floor, foundation, bench, table, or stand of such strength and design to prevent overturning or unintentional movement.

(3) Permanent machinery and equipment ~~must shall~~ not be placed so as to require an operator to stand in an aisle. Temporary equipment ~~must shall~~ not be placed so as to require an operator to stand in an aisle, unless the employee is protected with a ~~barrier as prescribed~~ **guardrail system in compliance with** General Industry Safety and Health Standard Part 2. **“Walking-Working Surfaces,”** ~~“Floor and Wall Openings, Stairways, and Skylights,”~~ as referenced in R 408.18101a.

(4) Machinery or equipment having an access door for body entry ~~must shall~~ be equipped with a means of opening the door inside and out.

R 408.18125 Sifters.

Rule 8125. (1) **An employer shall ensure that a** A sifter ~~has shall have~~ both of the following:

(a) All openings constructed with dust tight closures that are readily accessible for inspection purposes.

(b) Refuse tailing receptacles for all types of sifters readily accessible and located at a safe distance from unguarded moving parts.

(2) Oscillating and vibrating sifters ~~must shall~~ have all moving parts within the outer frame of the sifter or the machine located within a ~~standard barrier as prescribed~~ **guardrail system in compliance with** General Industry Safety and Health Standard Part 2. **“Walking-Working Surfaces,”** ~~“Floor and Wall Openings, Stairways and Skylights,”~~ as referenced in R 408.18101a.