

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 408.16202, R 408.16223, and R 408.16237 of the Michigan Administrative Code are amended as follows:

PART 62. PLASTIC MOLDING

R 408.16202 Referenced standards.

Rule 6202. The following Michigan **Occupational Safety and Health Administration** ~~occupational safety and health standards~~ (MIOSHA) **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, **530 West Allegan Street, P.O. Box 30643, 7150 Harris Drive**, Lansing, Michigan, 48909-8143 or via the internet at **the following** website: 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.~~

~~(c) General Industry Safety Standard Part 4 “Portable Ladders,” R 408.10401 to R 408.10456.~~

~~(b)~~ (d) General Industry Safety **and Health** Standard Part 27. **“Woodworking Machinery,”** R 408.12701 to R 408.12799.

~~(c)~~ (e) General Industry Safety Standard Part 85. **“The Control of Hazardous Energy Sources,”** R 408.18501 to R 408.18599.

R 408.16223 Platforms and ladders.

Rule 6223. (1) If it is necessary for an employee to mount a machine to perform assigned duties, a platform or ladder, or both, **must shall** be provided and used. The floor of the platform **must shall** have an open design or slip-resistant surface.

(2) A platform **must comply with shall be as prescribed in** General Industry Safety **and Health** Standard Part 2. **“Walking-Working Surfaces,”** ~~“Floor and Wall Openings, Stairways, and Skylights,”~~ as referenced in R 408.16202.

(3) A fixed ladder **must comply with shall be as prescribed in** General Industry Safety **and Health** Standard Part 2. **“Walking-Working Surfaces,”** ~~3 “Fixed Ladders,”~~ as referenced in R 408.16202.

(4) A portable ladder shall be ~~as prescribed in~~ **compliance with** General Industry Safety **and Health** Standard Part 2. **“Walking-Working Surfaces,”** ~~4 “Portable Ladders,”~~ as referenced in R 408.16202.

R 408.16237 Rotational molding.

Rule 6237. (1) A pinch point created where the revolving drive wheel of a rotational molding machine meets the driving surface **must shall** be guarded.

(2) The perimeter of the path of travel of the rotating molds **must shall** be guarded **in compliance with by a standard barrier as prescribed in** General Industry Safety **and Health** Standard Part 2. **“Walking-Working Surfaces,”** ~~“Floor and Wall Openings, Stairways, and Skylights,”~~ as referenced in R 408.16202. Access into the area **must shall** be by a gate or door. If the gate or door is interlocked to the power source, the guarding required in subrule (1) of this rule need not be installed. The interlocked gate or door on the standard barrier **must shall** not be used as an operating control.

(3) **A rotational molding** ~~Such a machine that has~~ having each movement of the mold manually controlled by an operator may substitute a yellow line 4 inches wide for a standard barrier around the perimeter of the path of travel of the rotating molds, except the perimeter between the heating and cooling chambers. However, movement of the molds **must shall** be preceded by automatic activation of a warning device, such as a flashing light, bell, horn, or siren for 5 seconds before the movement.

(4) The operating controls for a manually operated machine **must** ~~shall~~ be so located that the operator cannot reach into the path of or be struck by the moving mold.