

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 408.10702, R 408.10711, R 408.10712, R 408.10713, and R 408.10727 of the Michigan Administrative Code are amended as follows:

PART 7. GUARDS FOR POWER TRANSMISSION

R 408.10702 Referenced standard.

Rule 702. The Michigan **Occupational Safety and Health Administration (MIOSHA) standard occupational safety and health standard 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, is referenced in these rules. Up to 5 copies of this standard 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, Lansing, Michigan, 48909-8143 or via the internet at **the following** website: [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.

POWER TRANSMISSION EQUIPMENT

R 408.10711 Flywheels.

Rule 711. An employer shall ensure that any part of a flywheel 7 feet or less above the floor or platform is guarded in 1 of the following ways:

(a) Enclosed by a guard pursuant to R 408.10751 to R 408.10754.

(b) With **guardrail systems standard barriers and toeboards** placed not less than 15, nor more than 20, inches from the rim of the flywheel pursuant to **in compliance with** General Industry Safety and Health Standard Part 2. **"Walking-Working Surfaces," Standard Part 2 "Floor and Wall Openings, Stairways, and Skylights,"** as referenced in R 408.10702.

(c) The upper rim of a flywheel protruding through a working floor is enclosed or surrounded by a **guardrail system standard barrier and toeboard** pursuant to **in compliance with** General Industry Safety and Health Standard Part 2. **"Walking-Working Surfaces," Standard Part 2 "Floor and Wall Openings, Stairways, and Skylights,"** as referenced in R 408.10702.

(d) A flywheel with a smooth rim 5 feet or less in diameter may be guarded pursuant to R 408.10756.

R 408.10712 Cranks and connecting rods.

Rule 712. A crank and a connecting rod, if exposed to contact, **must shall** be guarded pursuant to R 408.10751 to R 408.10754 or by a **guardrail system standard barrier** pursuant to **in compliance with** General Industry Safety and Health Standard Part 2. **"Walking-Working Surfaces," Standard Part 2 "Floor and Wall Openings, Stairways, and Skylights,"** as referenced in R 408.10702.

R 408.10713 Tail rods and extension piston rods.

Rule 713. Tail rods and extension piston rods exposed to contact **must shall** be guarded pursuant to R 408.10751 to R 408.10754 or by a **guardrail system standard barrier** pursuant to **in compliance with** General Industry Safety and Health Standard Part 2. **"Walking-Working Surfaces," Standard Part 2 "Floor and Wall Openings, Stairways, and Skylights,"** as referenced in R 408.10702, which allows a clearance of not less than 15, nor more than 20, inches from the fully extended tail rod or extension piston rod.

R 408.10727 Belts.

Rule 727. (1) A belt and pulley that is 7 feet or less above the floor or platform and that is exposed to contact ~~must shall~~ be guarded pursuant to R 408.10751 to R 408.10754. In a power plant or power-development room, a **guardrail system** ~~standard barrier and toeboard~~ may be used pursuant to **in compliance with** General Industry Safety **and Health Standard Part 2. "Walking-Working Surfaces,"** ~~Standard Part 2 "Floor and Wall Openings, Stairways, and Skylights,"~~ as referenced in R 408.10702.

(2) A horizontal belt more than 7 feet above the floor or platform ~~must shall~~ be guarded for its entire length if located over a passageway or work place pursuant to R 408.10753 and figure 2 contained in subrule (5) of this rule.

(3) A passageway between horizontal belts ~~must shall~~ have a lower run guarded by a platform that is provided with a **guardrail system** ~~standard barrier and toeboard~~ pursuant to **in compliance with** General Industry Safety **and Health Standard Part 2. "Walking-Working Surfaces,"** ~~Standard Part 2 "Floor and Wall Openings, Stairways, and Skylights,"~~ as referenced in R 408.10702, and the upper run guarded pursuant to subrule (2) of this rule.

(4) A vertical or inclined belt running over a lower pulley more than 7 feet above the floor or platform and located over a passageway or work place ~~must shall~~ be guarded pursuant to subrule (2) of this rule.

(5) Figure 2 reads as follows:

FIGURE 2

