

DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS CONSUMER AND INDUSTRY SERVICES

DIRECTOR'S OFFICE BUREAU OF SAFETY AND REGULATION

GENERAL INDUSTRY SAFETY STANDARDS COMMISSION

Filed with the Secretary of State on April 5, 2013

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** ~~general industry safety standards commission~~ by sections 16 and 21 of ~~1974 PA Act No. 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**) of the Public Acts of 1974, as amended, being ~~SS408.1016 and 408.1021 of the Michigan Compiled Laws~~)

R 408.12712, R 408.12716, R 408.12740, R 408.12773, R 408.12774, R 408.12781, R 408.12791 of the Michigan Administrative Code are amended, and R 408.12702 is added, and R 408.12779 and R 408.12799 are rescinded, as follows:

PART 27. WOODWORKING MACHINERY

**R 408.12702. Referenced standards.**

**Rule 2702.** 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 standards section, 7150 Harris Drive, P.O. Box 30643, Lansing, MI, 48909-8143 or via the internet at 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.

(a) **General Industry Safety Standard Part 2 'Floor and Wall Openings, Stairways, and Skylights,' R 408.10201 to R 408.40241.**

(b) **General Industry Safety Standard Part 7 'Guards for Power Transmission,' R 408.10701 to R 408.10765.**

R 408.12712. Plant layout; floors and aisles.

Rule 2712. ~~(1) A floor shall be kept in good repair and free from protruding nails, holes, unevenness and loose boards.~~  
~~(2) A floor at the operator's station of a machine shall be free of any slip or trip hazard.~~  
~~(3) An aisle for powered traffic moving in 1 direction at a time shall be not less than the width of the widest vehicle or load plus 3 feet. An aisle for powered traffic moving in 2 directions at a time shall be not less than twice the width of the widest vehicle or load plus 3 feet. Lines shall be painted on the floor, or a similar method used to mark an aisle. This subrule applies to an aisle in a new layout after **November 15, 1971**, the effective date of this part. An existing aisle shall comply with this subrule by January 1, 1973.~~  
~~(4) A walkway shall be kept clear of material and other obstructions.~~

R 408.12716. Machines and equipment; controls.

Rule 2716. (1) A machine shall have a mechanical or electrical power control to permit the operator to cut off the power from the machine without leaving his **or her** position at the work station.

(2) A woodworking machine shall not automatically restart upon restoration of power after a power failure. A machine wired to a 110 volt line before **November 15, 1971**, the effective date of this part is excepted from this rule.

(3) Operating controls shall be located within reach of the operator while **the operator** he is at his **or her** regular work station, making it unnecessary to reach over the cutters. The controls shall be installed to eliminate the danger of accidental activation. This subrule does not apply to a constant pressure control used only for setup purposes.

R 408.12740. Double and tenoner drives.

Rule 2740. (1) Feed chains and sprockets of double end tenoning machines shall be completely enclosed, as prescribed in General Industry Safety ~~standards commission~~ Standard, Part 7 "Guards for Power Transmission," **as referenced in R 408.12702**, being ~~R 408.10701 to R 408.10765 of the Michigan Administrative Code~~, except for that portion of chain used for conveying the stock.

(2) At the rear ends of frames over which feed conveyors run, sprockets and chains shall be guarded at the sides by plates projecting beyond the periphery of sprockets and the ends of lugs.

(3) The unloading end of the frame over which the feed conveyors run shall be extended so the material, as it leaves the machine, will be guided to a point where the operator cannot reach the point of operation.

November 19, 2012

R 408.12773. Veneer steaming and soaking vats.

Rule 2773. (1) The sides of veneer steam and soaking vats shall extend to a height of not less than 36 inches above the floor, working platform or ground or all sides shall be enclosed with a standard barrier as prescribed In General Industry Safety standards commission Standard Part 2 "Floor and Wall Openings, Stairways and Skylights," **as referenced in R 408.12702.** ~~being R 408.10201 to R 408.10241 of the Michigan Administrative Code.~~

(2) Large veneer steam and soaking vats divided into sections shall have a walkway between sections. A walkway shall have a standard barrier as prescribed In General Industry Safety standards commission Standard Part 2 "Floor and Wall Openings, Stairways and Skylights," **as referenced in R 408.12702,** on each exposed side. The handrails may be removed, if necessary, but shall be immediately replaced. If the size of the stock handled permits, ~~it is advisable to keep~~ the size of the vat sections **should be** ~~to~~ 9 feet or less.

R 408.12774. Vat loading and unloading.

Rule 2774. **Either or both** ~~One or more~~ of the following means shall be used in loading and unloading veneer steam and soaking vats:

~~(a) The employee shall be provided with a safety belt attached to a lifeline of 3/4-inch manila rope or 1/2-inch nylon rope. The lifeline shall be attached to a traveling trolley on a monorail or to a fixed anchorage or similar arrangement. The lifeline shall be permanently adjusted so that if the employee slips, falls or trips he cannot fall into the vat.~~

~~(a)(b)~~ Mechanical handling or conveying equipment shall be provided and designed so the logs are removed without the assistance of an employee at the edge of the veneer steam and soaking vat.

~~(b)(c)~~ The floor surface at the sides of the vats being used shall be antislip.

R 408.12779. **Rescinded.** ~~Log handling equipment~~

~~Rule 2779. All gears, sprockets and other dangerous parts on cranes and log trolleys shall be enclosed with guards as prescribed in general industry safety standards commission standard, Part 7. Guards for Power Transmission, being R 408.10701 to R 408.10765 of the Michigan Administrative code. The use of log trolleys or cranes is urgently recommended except where the stock handled is very small.~~

R 408.12781. Drag saws.

Rule 2781. A drag saw shall be located at allow at least a 4-foot clearance for passage where the saw is at the extreme end of the stroke. If such clearance is not obtainable, the saw and its driving mechanism shall be provided with a standard barrier as prescribed in General Industry Safety standards commission Standard Part 2 "Floor and Wall Openings, Stairways and Skylights," **as referenced in R 408.12702.**

R 408.12791. Operating rules; inspection and maintenance.

Rule 2791. (1) A supervisor or employee shall not remove or make inoperable any safety device or guard specified in this standard.

(2) Dull, badly set, improperly filed, or improperly tensioned saws shall be immediately removed from service before they begin to cause the material to stick, jam, or kickback when it is fed to the saw at a normal speed. Saws to which gum has adhered on the sides shall be immediately cleaned.

(3) Knives and cutting heads of woodworking machines shall be kept sharp, properly adjusted, and firmly secured. If 2 or more knives are used in 1 head, they shall be properly balanced.

(4) Bearings shall be kept free of lost motion and shall be well lubricated.

(5) Arbors of circular saws shall be free from play.

(6) The sharpening or tensioning of saw blades or cutters shall be done only by persons of demonstrated skill.

~~(7) Shavings and dust shall be removed to prevent a hazardous accumulation.~~

~~(7)(8)~~ A saw blade, cutter head, or tool collar shall not be placed or mounted on a machine arbor unless the tool has been machined as to size and shape to fit the arbor.

R 408.12799. **Rescinded.** ~~Selection and training of operator~~

~~Rule 2799. Before an inexperienced workman is permitted to operate a woodworking machine, he shall be given careful instructions in the hazards of the machine and the safe method of operation.~~