

DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES LICENSING AND REGULATORY AFFAIRS

~~BUREAU OF SAFETY AND REGULATION DIRECTOR'S OFFICE~~

GENERAL INDUSTRY SAFETY STANDARDS COMMISSION

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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.

~~These rules take affect 15 days after filing with the Secretary of State~~

(By authority conferred on the director of the department of **licensing and regulatory affairs** ~~consumer and industry services~~ by sections 16 and 21 of Act No. 154 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** the Public Acts of 1974, as amended, and Executive Reorganization Order No. 1996-2, being §§~~408.1016, 408.1021, and 445.2001~~ of the Michigan Compiled Laws)

R 408.17211, R 408.17212, R 408.17213, R 408.17222, R 408.17225, R 408.17236, and R 408.17251 of the Michigan Administrative Code are amended and R 408.17227 of the Code is rescinded as follows:

PART 72. AUTOMOTIVE SERVICE OPERATIONS

R 408.17211. Employer responsibility.

Rule 7211. An employer shall **do all of the following**:

- (a) Provide training to an employee as to the hazards, safe operations of the assigned job, and applicable rules of this part.
- (b) Assure that job required tools, equipment, and the work area are maintained in a manner free of recognized hazards which would cause an injury.
- (c) Prohibit smoking, flames and sparks within 15 feet of where Class I flammable liquids are dispensed or used, unless separated by an approved wall. "No Smoking" signs shall be posted in these restricted areas.
- ~~(d) Maintain a copy of this part for employees' review.~~
- (d)** ~~(e)~~ Not circumvent, bypass, or make inoperative any safeguard unless required during servicing. The safeguard shall be replaced before resuming operation of the equipment.

R 408.17212. Employee responsibility.

Rule 7212. An employee shall **do all of the following**:

- ~~(a) Use personal protective equipment required by this part.~~
- ~~(b) Use tools and equipment only when authorized and trained in their use.~~
- (b)** ~~(e)~~ Report employers' defective tools and equipment and hazardous conditions, when detected, to the supervisor.
- (c)** ~~(d)~~ Maintain all personal tools, equipment, and work area in a manner to prevent a hazardous condition.
- ~~(e) Not smoke, create a spark or flame within 15 feet of an exposed flammable liquid or articles which have been wetted by a flammable liquid.~~
- ~~(f) Not circumvent, bypass or make inoperative any safeguard or tie down any control unless required during servicing. The safeguard shall be replaced before resuming operation of the equipment.~~
- (d)** ~~(g)~~ Not use any device emitting air or other material in a manner which may inject a foreign material into a human body part.
- (e)** ~~(h)~~ Use tools and equipment within their rated capacity.

R 408.17213. Personal protective equipment.

Rule 7213. (1) An employer shall provide and an employee shall wear eye protection in accordance with and as prescribed in the general industry safety standards commission standard, Part 33. Personal Protective Equipment, being R 408.13301 to R 408.13398 of the Michigan Administrative Code.

(2) Other personal protective equipment **including** such as, but not limited to, rubber gloves, aprons, boots, welding helmets and respirators shall be provided by the employer and worn by the employee to protect against the hazards of wet operations, welding and cutting, radiator cleaning, battery charging, and spray painting.

~~(3) When respiratory and hearing protection is required by a division of occupational health rule, the protection shall be provided by the employer and used by the employee.~~

~~(3)~~ (4) Where corrosive liquids or other liquid materials that would be harmful to an employee are normally used and where an employee is exposed to splash of the materials, a readily accessible means of flushing with water shall be provided.

~~(4)~~ (5) Cloth shoes, open sandals, and exposed rings and necklaces shall not be worn in the work area. A ring may be worn if covered by gloves or tape.

R 408.17222. Machinery and equipment installation.

Rule 7222. (1) Electrically powered machinery or equipment, other than double insulated equipment, shall be grounded.

(2) Nonportable machinery or equipment shall be secured to the floor, platform, table, or bench to prevent displacement or tipping.

(3) Machinery or equipment shall be equipped with a disconnect switch which shall be locked in the off position, unless the machinery or equipment is equipped with a plug-in cord which shall be disconnected and tagged, when the machinery or equipment is repaired or serviced if unexpected motion would cause injury.

~~(4) When electrical equipment is used within a spray booth and flammable materials are applied, the equipment shall be suitable for Class I, Division I hazards.~~

~~(4)~~ (5) Machinery and equipment equipped with a foot control shall be provided with a cover or guard to prevent unintentional operation of the machinery or equipment where such operation would cause injury. The cover or guard shall be capable of withstanding a static load of 200 pounds without permanent deformation. The edges of the cover of the guard shall be rolled, broad, or covered to prevent injury or discomfort due to contact by the operator's foot or leg.

R 408.17225. Flammables, painting and coating

Rule 7225. (1) A Class I flammable solvent stored inside a building shall be in an approved safety can with an automatic closing cap and flame arrestor or original unopened container having a capacity of not more than 5 gallons. Quantities in excess of 5 gallons shall be stored as prescribed by flammable liquid regulations of the fire marshal promulgated under **1941 PA 207 Act 207 of the Public Acts of 1941, as amended.**

(2) When pouring a flammable solvent from 1 container to another, continuous contact between the containers shall be maintained or a bonding or grounding strap shall connect the containers.

(3) A Class I flammable solvent shall not be used for cleaning tools, parts, floors, or booths.

~~(4) Application by spraying of paint or coatings with a flammable ingredient to an area of more than 9 square feet shall be made within a booth or room constructed of noncombustible materials. The booth or room shall be ventilated as prescribed by a division of occupational health rule. Sparks, flame and spark producing equipment and smoking shall be prohibited in the booth or room and the area shall be posted "No Smoking."~~

~~(4)~~ (5) When a flammable liquid is removed from a vehicle tank, an approved pumping device equipped with a ground strap shall be used.

R 408.17227. ~~Air conditioning and refrigeration servicing.~~ **Rescinded.**

~~Rule 7227. A check valve shall be used to prevent refrigerant system pressures from flowing back to the refrigerant charging container unless such containers are equipped with a pressure relief valve.~~

R 408.17236. Multi-piece rim wheels.

Rule 7236. (1) Wheel components shall not be interchanged except as permitted pursuant to the publication entitled "Multi-piece Rim/Wheel Matching Chart" or any other publication containing, at a minimum, the same instructions, safety precautions, and information as the charts identified in subrule (2) of this rule.

(2) The publications entitled "Multi-piece Rim/Wheel Matching Chart" and "Safety Precautions for Mounting and Demounting Tube/Type Truck Tires," as revised January 1978, which are hereby incorporated in these rules by reference, shall be accessible and available in the service area. These publications **are available from the United States Department of Labor, Occupational Safety and Health Administration, 315 West Allegan, room 315, Lansing, Michigan, 48917, or via the internet at website www.osha.gov, at no charge as of the time of adoption of these rules. These publications are also available for inspection at the Department of Licensing and Regulatory Affairs, MIOSHA Standards Section, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48909-8143.** ~~may be purchased from the Superintendent of Documents, Government Printing Office, Washington DC 20402, or from the Safety Standards Division, Michigan Department of Consumer and Industry Services, 7150 Harris Drive, Box 30643, Lansing, MI 48909, at a cost of \$2.00 and \$2.25 respectively.~~

(3) Mating surfaces of the rim gutter ring shall be free of any dirt, surface rust, scale, or rubber buildup before mounting and inflation.

(4) A tire shall be completely deflated by removal of the valve core before a wheel is removed from the axle in either of the following situations:

(a) When the tire has been driven underinflated at 80% or less of its recommended pressure.

(b) When there is obvious or suspected damage to the tire or wheel components.

(5) Tires shall be inflated only when constrained by a restraining device, except when the wheel assembly is on a vehicle. Tires may be inflated without being constrained by a restraining device if remote control inflation equipment is used and no employees remain in the trajectory path during inflation in either of the following situations:

- (a) Tires are underinflated, but have more than 80% of the recommended pressure.
- (b) Tires are known not to have been run underinflated.
- (6) When a tire is being partially inflated without a restraining device for the purpose of seating the lock ring or to round out the tube, such inflation shall not exceed 3 psig (0.21 Kg/cm).
- (7) After tire inflation, the tire rim and rings shall be inspected while still constrained in the restraining device to assure they are properly seated and locked.

R 408.17251. Automotive lift; adoption by reference; auxiliary support device; permanent tag; lifting more than rated capacity prohibited.

Rule 7251. (1) An automotive lift installed, or the modification made, after the effective date ~~of in~~ this subrule, shall be as prescribed in sections 2, 3, and 5, except paragraph 5.7, of the ANSI Standard, B153.1-1974, Safety Requirements for the Construction, Care and Use of Automotive Lifts, which is incorporated herein by reference and may be inspected at the Lansing office of the department of **licensing and regulatory affairs** ~~consumer and industry services~~. This standard may be purchased at a cost of ~~\$3.50~~ **\$20.00** from **IHS Global, 15 Inverness Way East, Englewood, Colorado, 80112, USA, telephone number: 1-800-854-7179 or via the internet at website: <http://global.ihs.com>** ~~the American National Standards Institute, 11 West 42nd Street, New York, New York 10036, or from the Michigan Department of Consumer and Industry Services, 7150 Harris Drive, Box 30643, Lansing, Michigan 48909.~~

- (2) When an employee is required to work underneath a vehicle supported by a hydraulic lift, installed before the effective date of this part, the lift shall be used only when an auxiliary support device is engaged and capable of supporting the rated capacity of the lift.
- (3) An automotive lift purchased after December 28, 1974, shall have affixed to it a permanent tag showing the name of the manufacturer, model number, serial number, and rated capacity.
- (4) An automotive lift purchased before December 28, 1974, shall be equipped with a permanent tag showing the name of the manufacturer and its rated capacity. Where this information is not available, an outside source knowledgeable in automotive lifts shall be used to determine the rated capacity. The capacity shall be permanently labeled on the lift.
- (5) An automotive lift shall not be used to lift more than its rated capacity.