

DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES LICENSING AND REGULATORY AFFAIRS

BUREAU OF SAFETY AND REGULATION DIRECTOR'S OFFICE

GENERAL INDUSTRY SAFETY STANDARDS COMMISSION

**Filed with the Secretary of State on April 7, 2015**

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** by sections 16 and 21 of 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**)

~~general industry safety standards commission by sections 16 and 21 of Act No. 154 of the Public Acts of 1974, as amended, being SS408.1016 and 408.1021 of the Michigan Compiled Laws)~~

R 408.15915, R 408.15922, and R 408.15923 of the Michigan Administrative Code is amended, and R 408.15903 is added, and R 408.15911 is rescinded, as follows:

## PART 59. HELICOPTERS

R 408.15903 MIOSHA referenced standard.

Rule 5903. The Michigan occupational safety and health (MIOSHA) standard General Industry Safety Standard Part 33 "Personal Protective Equipment," R 408.13301 to R 408.13398, is referenced in these rules. Up to 5 copies of is standard may be obtained at no charge from the Michigan Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive, Lansing, Michigan, 48909-8143 or via the internet at website: [www.michigan.gov/mioshastandards](http://www.michigan.gov/mioshastandards). For quantities greater than 5, the cost, as of the time of adoption of these rules, is 4 cents per page.

R 408.15911 **Rescinded.** External lift operations; qualifications for operator and helicopter.

~~Rule 5911. (1) An operator of a helicopter or a rotorcraft conducting external lifting operations shall have an operator's certificate for rotorcraft operation covering the type of operation being conducted, issued by the federal aviation administration, which shall be displayed within the craft being operated.~~

~~(2) Where required by the federal aviation administration or another governmental agency, the appropriate authority shall be notified that an external lift operation has been planned.~~

~~(3) A helicopter shall comply with applicable regulations of the federal aviation administration code, 14 C.F.R. Part 27-1974 and Parts 60 to 199-1975, which are incorporated herein by reference and are available for inspection at the Lansing office of the department of labor. This code may be purchased at a cost of \$7.50 from the Government Printing Office, North Capital and H Streets, Washington, D.C. 20401, or from the Michigan Department of Labor, State Secondary Complex, 7150 Harris Drive, Lansing, Michigan 48909.~~

R 408.15915 Personal protective equipment; loose clothing.

Rule 5915. (1) Except during an emergency operation, eye protection, as prescribed in **General Industry Safety Standard Part 33 "Personal Protective Equipment," as referenced in R 408.15903**, general industry safety standard, ~~Part 33. Personal Protective Equipment, being R 408.13301 to R 408.13369 of the Michigan Administrative Code,~~ shall be provided and used by a ground crew employee while working on an operation covered by **these rules** ~~this part~~ when there is exposure to rotor wash.

(2) Except during an emergency operation, head protection shall be provided and used as prescribed in **General Industry Safety Standard Part 33 "Personal Protective Equipment," as referenced in R 408.15903**, general industry safety standard, ~~Part 33. Personal Protective Equipment, being R 408.13370 to R 408.13378 of the Michigan Administrative Code,~~ and shall be secured by a chin strap by a ground crew employee working on an operation covered by this part when lifting or landing a load.

(3) Loose fitting clothing likely to flap in rotor downwash, and thus be snagged on the hoist line, shall not be worn.

R 408.15922 Providing and training ground employees; ~~weight limitation~~; checking size, weight, and connection of load; tag line, pressed sleeve, hoist wire, or other gear; static charge; rated capacity of load line.

Rule 5922. (1) Ground employees shall be provided, and they shall be properly trained to ensure that helicopter loading and unloading operations can be performed safely.

~~(2) The weight of an external load shall not exceed the federal aviation administration rated capacity of the helicopter.~~

~~(2)(3)~~ The size and weight of loads, and the manner in which loads are connected to the helicopter, shall be checked by the pilot in command. A lift shall not be made if the helicopter pilot in command determines that the lift cannot be made safely.

~~(3)(4)~~ A load shall be properly slung. A tag line shall be of a length that does not permit it being drawn up into the rotors. A pressed sleeve, ~~swedged swaged~~ eye, or equivalent means shall be used for a freely suspended load to prevent a hand splice from spinning open or a cable clamp from loosening.

~~(4)(5)~~ A hoist wire or other gear, except for a pulling line or conductor that is allowed to "pay out" ~~"play out"~~ from a container or roll off a reel, shall not be attached to any fixed ground structure or allowed to foul on any fixed structure.

~~(5)(6)~~ The static charge on the suspended load shall be dissipated with a grounding device before ground personnel touch the suspended load, unless protective rubber gloves are being worn when touching the load

~~(6)(7)~~ A load line shall have a working load rating of not less than the rated capacity of the helicopter.

R 408.15923 Cargo hooks.

Rule 5923. (1) An electrically operated cargo hook shall have the electrical activating device so designed and installed as to prevent inadvertent operation.

(2) A cargo hook shall be equipped with an emergency mechanical control for releasing the load.

(3) **The employer shall ensure that a** A hook ~~is shall be~~ tested prior to operation each day by a competent person to determine that the electrical and mechanical releases function properly.