

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 408.12002 and R 408.12016 of the Michigan Administrative Code are amended as follows:

PART 20. UNDERHUNG CRANES AND MONORAIL SYSTEMS

R 408.12002 Adoption of standards by reference.

Rule 2002. (1) The American Society of Mechanical Engineers (ASME) Standard ASME B30.11 "Monorail Systems and Underhung Cranes," 1993 edition, is adopted by reference in these rules and is available from IHS Global, 15 Inverness Way East, Englewood, Colorado, 80112, USA, telephone number: 1-800-854-7179 or via the internet at **the following** website: <http://global.ihs.com>, ~~at~~ at a cost as of the time of adoption of these rules of \$60.00.

(2) The standard adopted in **these rules** ~~is subrule (1) of this rule~~ is also available for inspection at the Department of Licensing and Regulatory Affairs, MIOSHA **Regulatory Services Section, 530 West Allegan Street, Standards Section, 7150 Harris Drive**, P.O. Box 30643, Lansing, Michigan, 48909-8143.

(3) Copies of the standard adopted in **these rules** ~~subrule (1) of this rule~~ may be obtained from the publisher or may also be obtained from the Department of Licensing and Regulatory Affairs, MIOSHA **Regulatory Services Section, 530 West Allegan Street, Standards Section, 7150 Harris Drive**, P.O. Box 30643, Lansing, Michigan, 48909-8143, at the cost charged in this rule, plus \$20.00 for shipping and handling.

(4) The following Michigan **Occupational Safety and Health Administration (MIOSHA)** ~~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 **Regulatory Services Section, 530 West Allegan Street, standards section, 7150 Harris Drive**, P.O. Box 30643, Lansing, MI, 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 1. "General Provisions," R 408.10001 to R 408.10098.

(b) 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.

(c) General Industry Safety **and Health** Standard Part 33. "Personal Protective Equipment," R 408.13301 to R 408.13398.

R 408.12016 Access, clearances, and barriers.

Rule 2016. (1) Safe access ~~must shall~~ be provided to a cab operated crane by a fixed ladder, stairway, or walkway.

(2) Conductors of the open type ~~that which~~ are mounted on the crane runway, bridge, or monorail beams or overhead ~~must shall~~ be located or guarded so that an operator at the normal operator's position or persons entering or leaving the cab or crane footwalk could not, under normal conditions, come into contact with them.

(3) A catwalk on a crane ~~must shall~~ have a **guardrail system** ~~standard barrier as prescribed~~ 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 408.12002. A floor opening in a crane platform, if equipped with a hinged cover, need not be equipped with a standard barrier. The cover ~~must shall~~ be kept closed, except when an employee is entering or leaving the opening.

(4) Safe clearance ~~must shall~~ be provided between fixed objects and the monorail system where there is employee exposure.