

DEPARTMENT OF ENERGY, LABOR, AND ECONOMIC GROWTH

DIRECTOR'S OFFICE

CONSTRUCTION SAFETY STANDARDS

Filed with the Secretary of State on

These rules take effect 14 days after filing with the Secretary of State

(By authority conferred on the director of the department of energy, labor, and economic growth by sections 19 and 21 of 1974 PA 154, and Executive Reorganization Order Nos. 1996-2, 2003-18, and 2008-4, MCL 408.1019, 408.1021, 445.2001, 445.2011, and 445.2025)

R 408.42602 and R 408.42614 of the Michigan Administrative Code are amended as follows:

PART 26. STEEL ERECTION

R 408.42602 Reference of standards.

Rule 2602. (1) The following occupational safety and health administrative standards are referenced in this standard. Up to 5 copies of these standards may be obtained at no charge from the Michigan Department of **Energy**, Labor, and Economic Growth, MIOSHA Standards Section 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan 48909-8143, or via the internet at: [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) Construction safety standard part 10 lifting and digging equipment, being R 408.41001a to R 408.41099a.

(b) Construction safety standard part 28 personnel hoisting in steel erection, being R 408.42801 to R 408.42809.

(c) Construction safety standard part 45. fall protection, being R 408.44501 to R 408.44502.

R 408.42614 Structural steel assembly.

Rule 2614. (1) Structural stability shall be maintained at all times during the erection process.

**Note to subrule (1): Federal Highway Administration (FHWA) regulations incorporate by reference a number of standards, policies, and standard specifications published by the American Association of State Highway and Transportation Officials (AASHTO) and other organizations. (See 23 CFR 625.4). Many of these incorporated provisions may be relevant to maintaining structural stability during the erection process. For instance, as of May 17, 2010, in many cases FHWA requires a Registered Engineer to prepare and seal working drawings for falsework used in highway bridge construction. (See AASHTO Specifications for Highway Bridges, Div. II, § 3.2.1, 15th edition, 1992, which FHWA incorporates by reference in 23 CFR 625.4). FHWA also encourages compliance with AASHTO Specifications that the FHWA regulations do not currently incorporate by reference. (See <http://www.fhwa.dot.gov/bridge/lrfd/index.htm>.)**

(2) All of the following additional requirements shall apply for multistory structures:

(a) The permanent floors shall be installed as the erection of structural members progresses, and there shall be not more than 8 stories between the erection floor and the uppermost permanent floor, except where the structural integrity is maintained as a result of the design.

(b) There shall not be more than 4 floors or 48 feet (14.6 m), whichever is less, of unfinished bolting or welding above the foundation or uppermost permanently secured floor, except where the structural integrity is maintained as a result of the design.

(c) A fully planked or decked floor or nets shall be maintained within 2 stories or 30 feet (9.1 m), whichever is less, directly under any erection work being performed.