

DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS

DIRECTOR'S OFFICE

CONSTRUCTION SAFETY STANDARDS

(By authority conferred on the director of the department of licensing and regulatory affairs by sections 19 and 21 of 1974 PA 154, MCL 408.1019 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)

PART 16. POWER TRANSMISSION AND DISTRIBUTION

R 408.41601 Application.

Rule 1601. (1) The occupational safety and health standards contained in this part apply to the construction of electric transmission and distribution lines and equipment.

(2) As used in this part, the term "construction" includes the erection of new electric transmission and distribution lines and equipment and the alteration, conversion, and improvement of existing electric transmission and distribution lines and equipment.

(3) Existing electric transmission and distribution lines and electrical equipment need not be modified to conform to the requirements of applicable standards in this part until such work as described in subrule (2) of this rule is to be performed on such lines or equipment.

(4) The standards set forth in this part provide minimum requirements for safety and health. Employers may require adherence to additional standards which are not in conflict with the standards contained in this part.

(5) This standard does not apply to communication lines defined as the conductors and their supporting or containing structures that are used for public or private signal or communication service, that operate at potentials not exceeding 400 volts to ground or 750 volts between any 2 points of the circuit, and the transmitted power of which does not exceed 150 watts. When operating at less than 150 volts, no limit is placed on the capacity of the system. Telephone, telegraph, railroad signal, data, clock, fire, police-alarm, community television antenna, and other systems conforming with this subrule are examples of communication lines. Lines used for signaling purposes, but not included in this definition, are considered as supply lines of the same voltage and are to be so run.

History: 1979 AC; 1982 AACs; 2015 MR 10, Eff. May 28, 2015.

R 408.41605 Adoption of OSHA rules.

Rule 1605. (1) The following provisions of the occupational safety and health administration, (OSHA) regulations, except as amended in these rules, are adopted by reference in these rules:

(a) 29 C.F.R. §1926.950 "General."

(b) 29 C.F.R. §1926.951 "Medical services and first aid."

- (c) 29 C.F.R. §1926.952 “Job briefing.”
- (d) 29 C.F.R. §1926.953 “Enclosed spaces.”
- (e) 29 C.F.R. §1926.954 “Personal protective equipment.”
- (f) 29 C.F.R. §1926.955 “Portable ladders and platforms.”
- (g) 29 C.F.R. §1926.956 “Hand and portable power equipment.”
- (h) 29 C.F.R. §1926.957 “Live-line tools.”
- (i) 29 C.F.R. §1926.958 “Materials handling and storage.”
- (j) 29 C.F.R. §1926.959 “Mechanical equipment.”
- (k) 29 C.F.R. §1926.960 “Working on or near exposed energized parts.”
- (l) 29 C.F.R. §1926.961 “Deenergizing lines and equipment for employee protection.”
- (m) 29 C.F.R. §1926.962 “Grounding for the protection of employees.”
- (n) 29 C.F.R. §1926.963 “Testing and test facilities.”
- (o) 29 C.F.R. §1926.964 “Overhead lines and live-line barehand work.”
- (p) 29 C.F.R. §1926.965 “Underground electrical installations.”
- (q) 29 C.F.R. §1926.966 “Substations.”
- (r) 29 C.F.R. §1926.967 “Special conditions.”
- (s) 29 C.F.R. §1926.968 “Definitions.”
- (t) Appendix A to Subpart V of Part 1926 “Reserved.”
- (u) Appendix B to Subpart V of Part 1926 “Working on Exposed Energized Parts.”
- (v) Appendix C to Subpart V of Part 1926 “Protection from Hazardous Differences in Electric Potential.”
- (w) Appendix D to Subpart V of Part 1926 “Methods of Inspecting and Testing Wood Poles.”
- (x) Appendix E to Subpart V of Part 1926 “Protection from Flames and Electric Arcs.”
- (y) Appendix F to Subpart V of Part 1926 “Work-Positioning Equipment Inspection Guidelines.”
- (z) Appendix G to Subpart V of Part 1926 “Reference Documents.”
- (2) All of the following provisions apply with respect to the regulations adopted in subrule (1) of this rule and are referenced in R 408.41610:
 - (a) A reference to 29 C.F.R. §1926.50 “Medical services and first aid,” means Construction Safety Standard (CS) Part 1 “General Rules.”
 - (b) A reference to 29 C.F.R. §1926.54. “Nonionizing radiation,” means Occupational Health Standard (OH) Part 681 “Radiation of Construction: Ionizing and Nonionizing.”
 - (c) A reference to 29 C.F.R. §1926.56 “Illumination,” means CS Part 1 “General Rules.”
 - (d) A reference to 29 C.F.R. §1926.59 “Hazard Communication,” means CS Part 42 “Hazard Communication.”
 - (e) A reference to 29 C.F.R. §1926.95 “Criteria for personal protective equipment,” means CS Part 6 “Personal Protective Equipment.”
 - (f) A reference to 29 C.F.R. §1926.100 “Head protection,” means CS Part 6 “Personal Protective Equipment.”
 - (g) A reference to 29 C.F.R. §1926.106 “Working over or near water,” means CS Part 6 “Personal Protective Equipment.”

(h) A reference to 29 C.F.R. §1926.200 “Accident prevention signs and tags,” means CS Part 22 “Signals, Signs, Tags, and Barricades.”

(i) A reference to 29 C.F.R. §1926.302 “Power-operated hand tools,” means CS Part 19 “Tools.”

(j) A reference to 29 C.F.R. §1926.453 “Aerial lifts,” means CS Part 32 “Aerial Work Platforms.”

(k) A reference to 29 C.F.R. §1926.502 “Fall protection systems criteria and practices,” means CS Part 45 “Fall Protection.”

(l) A reference to 29 C.F.R. §1926.1053 “Ladders,” means CS Part 11 “Fixed and Portable Ladders.”

(m) A reference to 29 C.F.R. §1910.97 “Nonionizing radiation,” means OH Part 382 “Nonionizing Radiation.”

(n) A reference to 29 C.F.R. §1910.135 “Head protection,” means General Industry Safety Standard (GI) Part 33 “Personal Protective Equipment.”

(o) A reference to 29 C.F.R. §1910.146 “Permit-required confined spaces,” means GI Part 90 “Permit-Required Confined Spaces,” and OH Part 490 “Permit-Required Confined Spaces.”

(p) A reference to 29 C.F.R. §1910.268 “Telecommunications,” means CS Part 30 “Telecommunications,” and GI Part 50 “Telecommunications.”

(q) A reference to 29 C.F.R. §1910.269 “Electric Power Generation, Transmission, and Distribution,” means GI Part 86 “Electric Power Generation, Transmission, and Distribution.”

(r) A reference to 29 C.F.R. §1910.1200 “Hazard Communication,” means GI Part 92 “Hazard Communication,” and OH Part 430 “Hazard Communication.”

(3) The provisions of the OSHA regulations adopted in these rules have the same force and effect as rules promulgated under Michigan occupational safety and health act, 1974 PA 154, MCL 408.1001 to 408.1094.

History: 2015 MR 10, Eff. May 28, 2015.

R 408.41610 Adopted and referenced standards.

Rule 1610. (1) The following federal occupational safety and health administration (OSHA) regulations, filed April 1, 2014, are adopted by reference in these rules:

(a) 29 C.F.R. §1926.950 “General.”

(b) 29 C.F.R. §1926.951 “Medical services and first aid.”

(c) 29 C.F.R. §1926.952 “Job briefing.”

(d) 29 C.F.R. §1926.953 “Enclosed spaces.”

(e) 29 C.F.R. §1926.954 “Personal protective equipment.”

(f) 29 C.F.R. §1926.955 “Portable ladders and platforms.”

(g) 29 C.F.R. §1926.956 “Hand and portable power equipment.”

(h) 29 C.F.R. §1926.957 “Live-line tools.”

(i) 29 C.F.R. §1926.958 “Materials handling and storage.”

(j) 29 C.F.R. §1926.959 “Mechanical equipment.”

(k) 29 C.F.R. §1926.960 “Working on or near exposed energized parts.”

(l) 29 C.F.R. §1926.961 “Deenergizing lines and equipment for employee protection.”

- (m) 29 C.F.R. §1926.962 “Grounding for the protection of employees.”
- (n) 29 C.F.R. §1926.963 “Testing and test facilities.”
- (o) 29 C.F.R. §1926.964 “Overhead lines and live-line barehand work.”
- (p) 29 C.F.R. §1926.965 “Underground electrical installations.”
- (q) 29 C.F.R. §1926.966 “Substations.”
- (r) 29 C.F.R. §1926.967 “Special conditions.”
- (s) 29 C.F.R. §1926.968 “Definitions.”
- (t) Appendix A to Subpart V of Part 1926 “Reserved.”
- (u) Appendix B to Subpart V of Part 1926 “Working on Exposed Energized Parts.”
- (v) Appendix C to Subpart V of Part 1926 “Protection from Hazardous Differences in Electric Potential.”
- (w) Appendix D to Subpart V of Part 1926 “Methods of Inspecting and Testing Wood Poles.”
- (x) Appendix E to Subpart V of Part 1926 “Protection from Flames and Electric Arcs.”
- (y) Appendix F to Subpart V of Part 1926 “Work-Positioning Equipment Inspection Guidelines.”
- (z) Appendix G to Subpart V of Part 1926 “Reference Documents.”
- (2) The standards adopted in these rules are available from the United States department of labor, occupational safety and health administration website: www.osha.gov, at no charge as of the time of adoption of these rules.
- (3) The standards adopted in these rules are available for inspection at the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive, Lansing, Michigan, 48909-8143.
- (4) The standards adopted in these rules may be obtained from the publisher or may be obtained from the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48909-8143, plus \$20.00 for shipping and handling.
- (5) The following Michigan occupational safety and health (MIOSHA) 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, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48909-8143 or via the internet at website: 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.
 - (a) Construction Safety Standard Part 1 “General Rules,” R 408.40101 to R 408.40134.
 - (b) Construction Safety Standard Part 6 “Personal Protective Equipment,” R 408.40601 to R 408.40641.
 - (c) Construction Safety Standard Part 11 “Fixed and Portable Ladders,” R 408.41101 to R 408.41140
 - (d) Construction Safety Standard Part 19 “Tools,” R 408.41901 to R 408.41980.
 - (e) Construction Safety Standard Part 22 “Signals, Signs, Tags, and Barricades,” R 408.42201 to R 408.42243.
 - (f) Construction Safety Standard Part 30 “Telecommunications,” R 408.43001 to R 408.43006.

(g) Construction Safety Standard Part 32 “Aerial Work Platforms,” R 408.43201 to R 408.43220.

(h) Construction Safety Standard Part 42 “Hazard Communication,” R 408.44201 to R 408.44204.

(i) Construction Safety Standard Part 45 “Fall Protection,” R 408.44501 to R 408.44502

(j) General Industry Safety Standard Part 33 “Personal Protective Equipment,” R 408.13301 to R 408.13398.

(k) General Industry Safety Standard Part 50 “Telecommunications,” R 408.15001 to R 408.15004.

(l) General Industry Safety Standard Part 86 “Electric Power Generation, Transmission, and Distribution,” R 408.18601 to R 408.18602.

(m) General Industry Safety Standard Part 90 “Permit-Required Confined Spaces,” R 408.19001 to R 408.19002.

(n) General Industry Safety Standard Part 92 “Hazard Communication,” R 408.19201 to R 408.19204.

(p) Occupational Health Standard Part 382 “Nonionizing Radiation,” R 325.60701 to R 325.60704.

(q) Occupational Health Standard Part 430 “Hazard Communication,” R 325.77001 to R 325.77004.

(r) Occupational Health Standard Part 490 “Permit-Required Confined Spaces,” R 325.63001 to R 325.63049.

(s) Occupational Health Standard Part 681 “Radiation of Construction: Ionizing and Nonionizing,” R 325.68101 to R 325.68102.

History: 2005 AACCS; 2013 AACCS; 2015 MR 10, Eff. May 28, 2015.

R 408.41625 Rescinded.

History: 1980 AACCS; 1982 AACCS; 2015 MR 10, Eff. May 28, 2015.

R 408.41626 Rescinded.

History: 1980 AACCS; 1982 AACCS; 2015 MR 10, Eff. May 28, 2015.

R 408.41627 Rescinded.

History: 1982 AACCS; 1985 AACCS; 2005 AACCS; 2013 AACCS ; 2015 MR 10, Eff. May 28, 2015.

R 408.41628 Rescinded.

History: 1982 AACCS; 2015 MR 10, Eff. May 28, 2015.

R 408.41629 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41630 Rescinded.

History: 1982 AACS; 1985 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41631 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41632 Rescinded.

History: 1982 AACS; 1985 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41633 Rescinded.

History: 1982 AACS; 1985 AACS; 2005 AACS; 2013 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41634 Rescinded.

History: 1982 AACS; 1985 AACS; 1996 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41635 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41636 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41637 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41638 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41639 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41640 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41641 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41642 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41643 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41644 Rescinded.

History: 1982 AACS; 1985 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41645 Rescinded.

History: 1982 AACS; 1985 AACS; 2005 AACS; 2010 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41646 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41647 Rescinded.

History: 1982 AACS; 1985 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41648 Rescinded.

History: 1982 AACS; 1985 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41649 Rescinded.

History: 1982 AACS; 1985 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41650 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41651 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41652 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41653 Rescinded.

History: 1982 AACS; 2005 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41654 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41655 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41656 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41657 Rescinded.

History: 1982 AACS; 2015 MR 10, Eff. May 28, 2015.

R 408.41658 Rescinded.

History: 1982 AACCS; 2013 AACCS; 2015 MR 10, Eff. May 28, 2015.