DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS

DIRECTOR'S OFFICE

GENERAL INDUSTRY SAFETY AND HEALTH STANDARD

(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, 2003-18 2003-1, 2008-4, and 2011-4, MCL 408.1016, 408.1021, 445.2001, 445.2011, 445.2025, and 445.2030)

PART 86. ELECTRIC POWER GENERATION, TRANSMISSION, AND DISTRIBUTION

R 408.18601 Scope.

Rule 8601. This standard establishes the work practices to be used during the operation and maintenance of electrical power generation, transmission, and distribution facilities. These rules apply to all of the following:

(a) Enclosed spaces.

(b) Hazardous energy control.

(c) Working near energized parts.

(d) Grounding for employee protection.

(e) Underground and overhead installations.

(f) Line clearance tree trimming.

(g) Substations and generating plants.

(h) Other conditions and equipment unique to the generation, transmission, and distribution of electric energy.

History: 1995 AACS; 2018 AACS.

R 408.18602 Adoption of a federal standard.

Rule 8602. (1) The federal Occupational Safety and Health Administration (OSHA) regulation 29 C.F.R. §1910.269, “Electric Power Generation, Transmission, and Distribution” and appendices, as amended October 5, 2015, are adopted by reference in these rules.

(2) The adopted federal regulations have the same force and effect as a rule promulgated under the Michigan Occupational Safety and Health Act, 1974 PA 154, MCL 408.1001 to 408.1094.

(3) The availability information for the OSHA standard adopted in these rules is in R 408.18605 and MIOSHA standards referenced in these rules are in R 408.18610.

(4) The OSHA standards referenced in 1910.269 are listed in Table 1 with the equivalent MIOSHA standard. See Table 1.

TABLE 1	
OSHA REFERENCED STANDARDS	MEANS THE FOLLOWING MIOSHA STANDARDS
1910.5 Applicability of standards	MIOSHA 1974 PA 154, MCL 408.1001 to 408.1094
1910.12 Construction work	MIOSHA 1974 PA 154, MCL 408.1001 to 408.1094.
1910.25 Stairways	GISH 2 Walking-Working Surfaces
1910.26 Dockboards	GISH 2 Walking-Working Surfaces
1910.97 Nonionizing radiation	OH 382 Nonionizing Radiation,
1910.132 PPE, General requirements	GISH 33 Personal Protective Equipment
1910.135 Head protection	GISH 33 Personal Protective Equipment
1910.141 Sanitation	OH 474 Sanitation
1910.145 Specifications for accident prevention signs and tags	GI 37 Accident Prevention Signs and Tags
1910.146 Permit-required confined space	GI 90 Permit-Required Confined Spaces
1910.147 Control of hazardous energy - lockout	GI 85 The Control of Hazardous Energy Sources
1910.151 Medical services and first aid	OH 472 Medical Services and First Aid
1910.243 Guarding of portable powered tools	GI 38 Hand and Portable Powered Tools
1910.266 Logging operations	GI 51 Logging
1910.268 Telecommunications	GISH 50 Telecommunications for General Industry

TABLE 1	
OSHA REFERENCED STANDARDS	MEANS THE FOLLOWING MIOSHA STANDARDS
1910.302 Electric utilization systems	GI 39 Design Safety Standards for Electrical Systems
1910.303 Electrical, General	GI 39 Design Safety Standards for Electrical Systems
1910.304 Wiring design and protection	GI 39 Design Safety Standards for Electrical Systems
1910.305 Wiring methods, components, and equipment for general use	GI 39 Design Safety Standards for Electrical Systems
1910.306 Specific purpose equipment and installations	GI 39 Design Safety Standards for Electrical Systems
1910.307 Hazardous (classified) locations	GI 39 Design Safety Standards for Electrical Systems
1910.308 Special systems	GI 39 Design Safety Standards for Electrical Systems
1910.331 Electrical, Scope	GI 40 Electrical Safety-Related Work Practices
1910.332 Electrical, Training	GI 40 Electrical Safety-Related Work Practices
1910.333 Selection and use of work practices	GI 40 Electrical Safety-Related Work Practices
1910.334 Use of equipment	GI 40 Electrical Safety-Related Work Practices
1910.335 Safeguards for personnel protection	GI 40 Electrical Safety-Related Work Practices
1910.1200 Hazard Communication	GI 92 Hazard Communication
1910 Subpart D, Walking – Working Surfaces	GISH 2 Walking-Working Surfaces
1910 Subpart I, Personal Protective Equipment	GISH 33 Personal Protective Equipment

TABLE 1	
OSHA REFERENCED STANDARDS	MEANS THE FOLLOWING MIOSHA STANDARDS
1910 Subpart G, Occupational Health and Environmental Control	OH 380 Occupational Noise Exposure in General Industry OH 382 Nonionizing Radiation OH 520 Ventilation Control
1910 Subpart N, Materials Handling and Storage means	GISH 1 General Provisions GI 13 Derricks GISH 18 Overhead and Gantry Cranes GI 19 Crawler, Locomotive and Truck Cranes GI 20 Underhung Cranes and Monorail Systems GISH 21 Powered Industrial Trucks GI 49 Slings GI 59 Helicopters GI 72 Automotive Service Operation
1910 Subpart S, Electrical	GI 39 Design Safety Standards for Electrical Systems GI 40 Electrical Safety-Related Work Practices
1910 Subpart Z Toxic and Hazardous Substances	OH 301 Air Contaminants for General Industry
1926.54 Nonionizing radiation	OH 681 Radiation of Construction: Ionizing and Nonionizing
1926.100 Head protection	CS 6 Personal Protective Equipment
1926.200 Accident prevention signs and tags	CS 22 Signals, Signs, Tags, and Barricades
1926.950 Electric Power Transmission and distribution, General	CS 16 Power Transmission and Distribution
1926 Subpart P Excavations	CS 9 Excavation, Trenching, and Shoring
1926 Subpart W Rollover Protective Structures; Overhead Protection	CS 13 Mobile Equipment

TABLE 1	
OSHA REFERENCED STANDARDS	MEANS THE FOLLOWING MIOSHA STANDARDS
GI – means General Industry Safety Standard GISH – means General Industry Safety and Health Standard CS – means Construction Safety Standard OH – means Occupational Health Standard	

History: 1995 AACS; 1997 AACS; 2015 AACS; 2018 AACS.

R 408.18605 Availability of OSHA adopted standard.

Rule 8605. (1) The standard adopted in these rules is 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.

(2) The standard adopted in these rules is available for inspection at the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 530 West Allegan Street, P.O. Box 30643, Lansing, Michigan, 48909-8143.

(3) The standard 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, 530 West Allegan Street, P.O. Box 30643, Lansing, Michigan, 48909-8143, at the cost charged in this rule, plus $20.00 for shipping and handling.

(4) The appendices to these rules are informational only and are not intended to create any additional obligations or requirements not otherwise imposed by these rules or to detract from any established obligations or requirements.

History: 2015 AACS; 2018 AACS.

R 408.18610 Availability of MIOSHA referenced standards.

Rule 8610. (1) The Michigan Occupational Safety and Health Administration (MIOSHA) standards referenced in these rules are available at up to 5 copies of these standards at no charge from the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 530 West Allegan Street, 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, at the time of adoption of these rules, is 4 cents per page.

(2) The following MIOSHA Construction Safety Standards (CS) are referenced in these rules:

(a) CS Part 6 “Personal Protective Equipment,” R 408.40601 to R 408.40641.

(b) CS Part 9 “Excavation, Trenching, and Shoring,” R 408.40901 to R 408.40953.

(c) CS Part 13 “Mobile Equipment,” R 408.41301.

(d) CS Part 16 “Power Transmission and Distribution,” R 408.41601 to R 408.41658.

(e) CS Part 22 “Signals, Signs, Tags, and Barricades,” R 408.42201 to R 408.42243.

(3) The following MIOSHA General Industry Safety Standards (GI) are referenced in these rules:

(a) GI Part 13 “Derricks,” R 408.11301.

(b) GI Part 19 “Crawler, Locomotive and Truck Cranes,” R 408.11901 to R 408.11972.

(c) GI Part 20 “Underhung Cranes and Monorail Systems,” R 408.12001 to R 408.12045.

(d) GI Part 37 “Accident Prevention Signs and Tags,” R 408.13701 to R 408.13736.

(e) GI Part 38 “Hand and Portable Powered Tools,” R 408.13801 to R 408.13882.

(f) GI Part 39 “Design Safety Standards for Electrical Systems,” R 408.13901 to R 408.13902.

(g) GI Part 40 “Electrical Safety-Related Work Practices,” R 408.14001 to R 408.14009.

(h) GI Part 49 “Slings,” R 408.14901 to R 408.14965.

(i) GI Part 51 “Logging,” R 408.15101 to R 408.15181.

(j) GI Part 59 “Helicopters,” R 408.15901 to R 408.15931.

(k) GI Part 72 “Automotive Service Operations,” R 408.17201 to R 408.17253.

(l) GI Part 85 “The Control of Hazardous Energy Sources,” R 408.18501 to R 408.18599.

(m) GI Part 90 “Permit-Required Confined Spaces,” R 408.19001 to R 408.19002.

(n) GI Part 92 “Hazard Communication,” R 408.19201 to R 408.19204.

(4) The following MIOSHA General Industry Safety and Health Standards (GISH) are referenced in these rules:

(a) GISH Part 1 “General Provisions,” R 408.10001 to R 408.10098.

(b) GISH Part 2 “Walking-Working Surfaces,” R 408.10201 to R 408.10241.

(c) GISH Part 18 “Overhead and Gantry Cranes,” R 408.11801 to R 408.11875.

(d) GISH Part 21 “Powered Industrial Trucks,” R 408.12101 to R 408.12193.

(e) GISH Part 33 “Personal Protective Equipment,” R 408.13301 to R 408.13398.

(f) GISH Part 50 “Telecommunications for General Industry,” R 408.15001 to R 408.15004.

(5) The following MIOSHA Occupational Health Standards (OH) are referenced in these rules:

(a) OH Part 301 “Air Contaminants for General Industry,” R 325.51101 to R 325.51108.

(b) OH Part 380 “Occupational Noise Exposure in General Industry,” R 325.60101 to R 325.60128.

(c) OH Part 382 “Nonionizing Radiation,” R 325.60701 to R 325.60704.

(d) OH Part 472 “Medical Services and First Aid,” R 325.47201.

(e) OH Part 474 “Sanitation,” R 325.47401 to R 325.47427.

(f) OH Part 520 “Ventilation Control,” R 325.52001 to R 325.52012.

(g) OH Part 681 “Radiation of Construction: Ionizing and Nonionizing,” R 325.68101 to R 325.68102.

History: 2018 AACS.