

**DEPARTMENT OF LABOR AND ECONOMIC OPPORTUNITY**

**DIRECTOR'S OFFICE**

**GENERAL INDUSTRY AND CONSTRUCTION SAFETY AND HEALTH  
STANDARD**

(By authority conferred on the director of the department of labor and economic opportunity by sections 14, 16, 19, 21, and 24 of the Michigan occupational safety and health act, 1974 PA 154, MCL 408.1014, 408.1016, 408.1019, 408.1021, and 408.1024, and Executive Reorganization Order Nos. 1996-1, 1996-2, 2003-1, 2008-4, 2011-4, 2019-3, MCL 330.3101, 445.2001, 445.2011, 445.2025, 445.2030, and 125.1998)

**PART 432. HAZARDOUS WASTE OPERATIONS AND EMERGENCY  
RESPONSE**

**R 325.52101 Scope, application, adoption, and availability of standards.**

Rule 1. (1) These rules prescribe the requirements for safety and health programs, training, medical surveillance, control methods, sanitation, and personal protective equipment for employees who are involved in hazardous waste operations and response to chemical emergencies.

(2) The following federal Occupational Safety and Health Administration (OSHA) regulations are adopted by reference in these rules:

(a) 29 CFR 1910.120, "Hazardous waste operations and emergency response," as amended May 14, 2019.

(b) 29 CFR 1910.120, appendix A "Personal protective equipment test methods," as in effect as of the effective date of these rules.

(c) 29 CFR 1910.120, appendix B "General description and discussion of the levels of protection and protective gear," as amended May 14, 2019.

(d) 29 CFR 1910.120, appendix C "Compliance guidelines," as in effect as of the effective date of these rules.

(e) 29 CFR 1910.120, appendix D "References," as in effect as of the effective date of these rules.

(f) 29 CFR 1910.120, appendix E "Training Curriculum Guidelines," as amended February 8, 2013.

(3) A reference to the "Threshold Limit Values and Biological Exposure Indices for 1987-88," dated 1987, means "Threshold Limit Values and Biological Exposure Indices for 1990-1991," 1990 edition. The ACGIH publication is available from the American Conference of Governmental Industrial Hygienist, 1330 Kemper Meadow Drive, Cincinnati, Ohio 45240-4148, or via the internet at the following website: [www.acgih.org](http://www.acgih.org), at a cost, as of the time of adoption of these rules, of \$25.00.

(4) A reference to 29 CFR 1910.1200, means Occupational Health Standard Part 430. "Hazard Communication."

(5) A reference to 29 CFR part 1910, subpart G, means General Industry Safety and Health Standard Part 380. “Occupational Noise Exposure in General Industry.”

(6) A reference to 29 CFR part 1910, subpart Z, means General Industry Safety and Health Standard Part 301. “Air Contaminants for General Industry.”

(7) A reference to 29 CFR 1910.134, means General Industry and Construction Safety and Health Standard Part 451. “Respiratory Protection.”

(8) A reference to 29 CFR part 1910, subpart I, means all of the following:

(a) Construction Safety and Health Standard Part 6. “Personal Protective Equipment.”

(b) General Industry Safety and Health Standard Part 33. “Personal Protective Equipment.”

(c) General Industry Safety and Health Standard Part 433. “Personal Protective Equipment.”

(9) A reference to 29 CFR 1910. 38, 1910.156, 1910.165, and part 1910, subpart L, means all of the following:

(a) Construction Safety Standard Part 18. “Fire Protection and Prevention.”

(b) General Industry Safety and Health Standard Part 6. “Fire Exits.”

(c) General Industry Safety Standard Part 73. “Fire Brigades.”

(10) A reference to 29 CFR 1910.141, means General Industry Safety and Health Standard Part 474. “Sanitation.”

(11) A reference to 29 CFR 1910.1020, means General Industry and Construction Safety and Health Standard Part 470. “Employee Medical Records and Trade Secrets.”

(12) A reference to 29 CFR part 1926, subpart P, means Construction Safety Standard Part 9. “Excavation, Trenching, And Shoring.”

(13) 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.

(14) The OSHA regulations adopted in these rules are available from the United States Department of Labor, Occupational Safety and Health Administration website, [www.osha.gov](http://www.osha.gov), at no charge, as of the time of adoption of these rules.

(15) The regulations adopted in these rules are available for inspection at the Department of Labor and Economic Opportunity, MIOSHA Standards and FOIA Section, 530 West Allegan Street, P.O. Box 30643, Lansing, Michigan, 48909-8143.

(16) The regulations adopted in these rules may be obtained from the publisher or the Department of Labor and Economic Opportunity, MIOSHA Standards and FOIA 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.

(17) The following Michigan occupational safety and health administration (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 Labor and Economic Opportunity, MIOSHA Standards and FOIA Section, 530 West Allegan Street, P.O. Box 30643, Lansing, Michigan, 48909-8143 or via the internet at the following 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.

(a) Construction Safety Standard Part 9. “Excavation, Trenching, And Shoring,” R 408.40901 to R 408.40953.

(b) Construction Safety Standard Part 18. “Fire Protection and Prevention,” R 408.41801 to R 408.41884.

(c) Construction Safety and Health Standard Part 6. “Personal Protective Equipment,” R 408.40601 to R 408.40660.

(d) General Industry Safety Standard Part 73. “Fire Brigades,” R 408.17301 to R 408.17322.

(e) General Industry Safety and Health Standard Part 6. “Fire Exits,” R 408.10601 to R 408.10697.

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

(g) General Industry Safety and Health Standard Part 301. “Air Contaminants for General Industry,” R 325.51101 to R 325.51108.

(h) General Industry Safety and Health Standard Part 380. “Occupational Noise Exposure in General Industry,” R 325.60101 to R 325.60128.

(i) General Industry Safety and Health Standard Part 433. “Personal Protective Equipment,” R 325.60001 to R 325.60013.

(j) General Industry Safety and Health Standard Part 474. “Sanitation,” R 325.47401 to R 325.47425.

(k) General Industry and Construction Safety and Health Standard Part 470. “Employee Medical Records and Trade Secrets,” R 325.3451 to R 325.3476.

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

(m) General Industry and Construction Safety and Health Standard Part 451. “Respiratory Protection,” R 325.60051 to R 325.60052.

History: 1991 AACS; 2018 AACS; 2021 MR 11, Eff. June 11, 2021.

### **R 325.52102 Rescinded.**

History: 1991 AACS; 1998-2000 AACS; 2014 AACS; 2018 AACS.

### **R 325.52102a Rescinded.**

History: 2014 AACS; 2018 AACS.

### **R 325.52103 Rescinded.**

History: 1991 AACS; 1998-2000 AACS; 2014 AACS; 2018 AACS.

### **R 325.52104 Rescinded.**

History: 1991 AACS; 2014 AACS; 2018 AACS.

R 325.52105 Rescinded.

History: 1991 AACCS; 2018 AACCS.

**R 325.52106 Rescinded.**

History: 1991 AACCS; 2018 AACCS.

**R 325.52107 Rescinded.**

History: 1991 AACCS; 2018 AACCS.

**R 325.52108 Rescinded.**

History: 1991 AACCS; 2018 AACCS.

**R 325.52109 Rescinded.**

History: 1991 AACCS; 2014 AACCS; 2018 AACCS.

**R 325.52110 Rescinded.**

History: 1991 AACCS; 2018 AACCS.

**R 325.52111 Rescinded.**

History: 1991 AACCS; 2018 AACCS.

**R 325.52112 Rescinded.**

History: 1991 AACCS; 2018 AACCS.

**R 325.52113 Rescinded.**

History: 1991 AACCS; 1998-2000 AACCS; 2014 AACCS; 2018 AACCS.

**R 325.52114 Rescinded.**

History: 1991 AACCS; 1998-2000 AACCS; 2014 AACCS; 2018 AACCS.

**R 325.52115 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52116 Rescinded.**

History: 1991 AACS; 2014 AACS; 2018 AACS.

**R 325.52117 Rescinded.**

History: 1991 AACS; 2014 AACS; 2018 AACS.

**R 325.52118 Rescinded.**

History: 1991 AACS; 1998-2000 AACS; 2014 AACS; 2018 AACS.

**R 325.52119 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52120 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52121 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52122 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52123 Rescinded.**

History: 1991 AACS; 2014 AACS; 2018 AACS.

**R 325.52124 Rescinded.**

History: 1991 AACS; 2014 AACS; 2018 AACS.

**R 325.52125 Rescinded.**

History: 1991 AACS; 1998-2000 AACS; 2014 AACS; 2018 AACS.

**R 325.52126 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52127 Rescinded.**

History: 1991 AACS; 2014 AACS; 2018 AACS.

**R 325.52128 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52129 Rescinded.**

History: 1991 AACS; 1998-2000 AACS; 2014 AACS; 2018 AACS.

**R 325.52130 Rescinded.**

History: 1991 AACS; 1998-2000 AACS; 2014 AACS; 2018 AACS.

**R 325.52131 Rescinded.**

History: 1991 AACS; 1998-2000 AACS; 2014 AACS; 2018 AACS.

**R 325.52132 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52133 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52134 Rescinded.**

History: 1991 AACS; 2018 AACS.

**R 325.52135 Rescinded.**

History: 1991 AACCS; 1998-2000 AACCS; 2014 AACCS; 2018 AACCS.

**R 325.52136 Rescinded.**

History: 1991 AACCS; 2014 AACCS.

**R 325.52137 Rescinded.**

History: 1991 AACCS; 1998-2000 AACCS; 2014 AACCS.