

**DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS**

**DIRECTOR'S OFFICE**

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

(By authority conferred on the director of the department of licensing and regulatory affairs 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, and 2011-4, MCL 330.3101, 445.2001, 445.2011, 445.2025, and 445.2030)

**PART 306 FORMALDEHYDE**

**R 325.51451 Scope, application, adoption, and availability of standards.**

Rule 1. (1) The rules in this part apply to exposures to any of the following:

- (a) Formaldehyde from any source.
- (b) Formaldehyde gas.
- (c) Formaldehyde solutions.
- (d) Materials that release formaldehyde.

(2) The rules in this part apply to all employment situations, including general industry and construction industry employment.

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

(a) 29 CFR 1910.1048 "Formaldehyde," as amended February 8, 2013.

(b) 29 CFR 1910.1048, appendix A "Substance technical guidelines for formalin," as amended February 8, 2013.

(c) 29 CFR 1910.1048, appendix B "Sampling strategy and analytical methods for formaldehyde," as in effect as of the effective date of these rules.

(d) 29 CFR 1910.1048, appendix C "Medical surveillance – Formaldehyde," as in effect as of the effective date of these rules.

(e) 29 CFR 1910.1048, appendix D "Nonmandatory medical disease questionnaire," as in effect as of the effective date of these rules.

(4) A reference to 29 CFR 1910.132 and 1910.133 means all of the following:

- (a) General Industry Safety and Health Standard Part 33. "Personal Protective Equipment."
- (b) General Industry Safety and Health Standard Part 433. "Personal Protective Equipment."

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

(6) A reference to 29 CFR 1910.134 means Occupational Health Standard Part 451. "Respiratory Protection."

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

(8) A reference to 29 CFR 1910.141 means General Industry Safety and Health Standard Part 474. "Sanitation."

(9) 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.

(10) 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.

(11) The standards adopted in these rules are 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.

(12) The standards adopted in these rules may be obtained from the publisher or 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.

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

(b) General Industry Safety and Health Standard Part 433. "Personal Protective Equipment," R 325.60001 to R 325.60013.

(c) General Industry Safety and Health Standard Part 474. "Sanitation," R 325.47401 to R 325.47425.

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

(e) Occupational Health Standard Part 430. "Hazard Communication," R 325.77001 to R 325.77004.

(f) Occupational Health Standard Part 451. "Respiratory Protection," R 325.60051 to R 325.60052.

History: 1990 AACCS; 2014 AACCS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACCS; 2018 AACCS.

**R 325.51451a Rescinded.**

History: 2014 AACCS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACCS; 2018 AACCS.

**R 325.51452 Rescinded.**

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**R 325.51455 Rescinded.**

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**R 325.51456 Rescinded.**

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**R 325.51457 Rescinded.**

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**R 325.51458 Rescinded.**

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**R 325.51459 Rescinded.**

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**R 325.51460 Rescinded.**

History: 1990 AACS; 1993 AACS; 1999 AACS; 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

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History: 1990 AACS; 1993 AACS; 1999 AACS; 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51461a Rescinded.**

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**R 325.51463 Rescinded.**

History: 1990 AACS; 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51463a Rescinded.**

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**R 325.51464 Rescinded.**

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**R 325.51468 Rescinded.**

History: 1990 AACS; 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51469 Rescinded.**

History: 1990 AACS; 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51470 Rescinded.**

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**R 325.51471 Rescinded.**

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**R 325.51472a Rescinded.**

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**R 325.51472b Rescinded.**

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**R 325.51472c Rescinded.**

History: 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51472d Rescinded.**

History: 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51473 Rescinded.**

History: 1990 AACS; 1993 AACS; 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

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**R 325.51474a Rescinded.**

History: 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51474b Rescinded.**

History: 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51474c Rescinded.**

History: 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51474d Rescinded.**

History: 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51474e Rescinded.**

History: 2014 AACS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACS; 2018 AACS.

**R 325.51475 Rescinded.**

History: 1990 AACCS; 1993 AACCS; 2014 AACCS; Republished in 2015 MR 8, May 15, 2015 can be referenced to 2014 AACCS.

**R 325.51476 Rescinded.**

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