

DIRECTOR'S OFFICE

OCCUPATIONAL HEALTH STANDARDS

FILE WITH THE SECRETARY OF STATE ON MARCH 8, 2016

These rules become effective immediately upon filing with the Secretary of State unless adopted under sections 33, 44, or 45a(6) of 1969 PA 306. Rules adopted under these sections become effective 7 days after filing with the Secretary of State.

(By authority conferred on the director of the department of **licensing and regulatory affairs by sections 14 and 24 of 1974 PA 154, MCL 408.1014 and 408.1024, and Executive Reorganization Order Nos. 1996-2, 2003-1, 2008-4, and 2011-4, MCL 445.2001, 445.2011, 445.2025, and 445.2030**) ~~labor and economic growth by sections 14 and 24 of 1974 PA 154 and Executive Reorganization Order Nos. 1996-1, 1996-2, and 2003-18, MCL 408.1014, 408.1024, 330.3101, 445.2001, and 445.2011)~~

R 325.52601 and R 325.52602 of Michigan Administrative Code are amended, as follows:

PART 526. DIPPING AND COATING OPERATIONS

R 325.52601 Adoption of federal ~~O.S.H.A.~~ standards.

Rule 1. (1) The **following** federal occupational safety and health administration's **administration (OSHA)** regulations **from the Code of Federal Regulations are adopted by reference in these rules:** ~~on dipping and coating operations that have been promulgated by the United States department of labor and codified at 29 C.F.R. §1910.122 to §1910.126, Dipping and Coating Operations, March 23, 1999 and appearing in the Federal Register, Volume 64, Number 55 on pp. 13897 to 13912, are adopted by reference in these rules as of the effective date of these rules.~~

- (a) **29 C.F.R. §1910.122 "Hazardous Materials – Table of contents," effective March 23, 1999.**
- (b) **29 C.F.R. §1910.123 "Dipping and coating operations: Coverage and definitions," effective March 26, 2012.**
- (c) **29 C.F.R. §1910.124 "General requirements for dipping and coating operations," effective March 26, 2012.**
- (d) **29 C.F.R. §1910.125 "Additional requirements for dipping and coating operations that use flammable liquids or liquids with flashpoints greater than 199.4 °F (93 °C)," effective March 26, 2012.**
- (e) **29 C.F.R. §1910.126 "Additional requirements for special dipping and coating operations," effective March 26, 2012.**

(2) As of the effective date of these rules, §1910.1200, referenced in 29 C.F.R. §1910.123(d) means **Occupational Health Standard Part 430 "Hazard Communication," as referenced in R 325.52602.** ~~occupational health standard Part 430. Hazard Communication, R 325.77001 to R 325.77003.~~

(3) As of the effective date of these rules, Subpart Z, referenced in 29 C.F.R. §1910.124(b)(2) means **Occupational Health Standard Part 301 "Air Contaminants for General Industry," as referenced in R 325.52602.** ~~occupational health standard Part 301. Air Contaminants, R 325.51101 to R 325.51108.~~

(4) As of the effective date of these rules, §1910.146, referenced in 29 C.F.R. §1910.124(e), means **Occupational Health Standard OH Part 490 "Permit-Required Confined Spaces," as referenced in R 325.52602.** ~~occupational health safety standard Part 490. Permit-Required Confined Spaces, R 325.63001 to R 325.63049.~~

(5) As of the effective date of these rules, §1910.141(d), referenced in 29 C.F.R. §1910.124(g)(3), mean **Occupational Health Standard Part 474 "Sanitation," as referenced in R 325.52602.** ~~occupational health standard Part 474. Sanitation, R 4201(4).~~

(6) As of the effective date of these rules, §1910.134, referenced in 29 C.F.R. §1910.124(j)(4) means **Occupational Health Standard Part 451 "Respiratory Protection," as referenced in R 325.52602.** ~~occupational health standard Part 451. Respiratory Protection, R 325.60051 to R 325.60052.~~

(7) As of the effective date of these rules, Subpart S, referenced in 29 C.F.R. §1910.125(e)(1)(i) means **both of the following:**

(a) **General Industry Safety Standard Part 39 "Design Safety Standards for Electrical Systems," as referenced in R 325.52602.**

(b) **General Industry Safety Standard Part 40 "Electrical Safety-Related Work Practices," as referenced in R 325.52602.** ~~general industry safety standard Part 39. Design Safety Standards for Electrical Systems, R 408.13901 to R 408.13902 and Part 40. Electrical Safety-Related Work Practices, R 408.14001 to R 408.14009.~~

(8) As of the effective date of these rules, §1910.157, referenced in 29 C.F.R. §1910.125(f)(2)(i) means **General Industry Safety Standard Part 8 "Portable Fire Extinguishers," as referenced in R 325.52602.** ~~general industry safety standard Part 8. Portable Fire Extinguishers, R 408.10801 to R 408.10839.~~

(9) As of the effective date of these rules, Subpart L, referenced in 29 C.F.R. §1910.126(g)(7)(ii) means **all of the following:**

(a) General Industry Safety Standard Part 8 “Portable Fire Extinguishers,” as referenced in R 325.52602.

(b) General Industry Safety Standard Part 9 “Fixed Fire Equipment,” as referenced in R 325.52602.

(c) General Industry Safety Standard Part 73 “Fire Brigades,” as referenced in R 325.52602. ~~general industry safety standard Part 73. Fire Brigades, R 408.17301 to R 408.17320, Part 8. Portable Fire Extinguishers, R 408.10801 to R 408.10839, Part 9. Fixed Fire Equipment, R 408.10901 to R 408.10999, and Part 6. Fire Exits, Employee Emergency Plans, R 408.10623.~~

(10) As of the effective date of these rules, National Fire Protection Association NFPA 86A “Standard for Ovens and Furnaces,” 1969 edition, as referenced in R 325.52602, is adopted by reference in 29 C.F.R. §1910.125. ~~These rules replace occupational health rule 3220.~~

(11) As of the effective date of these rules, the following consensus standards are adopted by reference in 29 C.F.R. §1910.124:

(a) American National Standard Institute ANSI Z9.2 “Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems,” 1979 edition, as referenced in R 325.52602.

(b) National Fire Protection Association NFPA 34 “Standard for Dip Tanks Containing Flammable or Combustible Liquids,” 1995 edition, as referenced in R 325.52602.

(c) American Conference of Governmental Industrial Hygienist ACGIH “Industrial Ventilation: A Manual of Recommended Practice,” 22nd edition, 1995 edition, as referenced in R 325.52602.

(d) ANSI Z9.1 “Open-Surface Tanks--Ventilation and Operation,” 1971 edition, as referenced in R 325.52602.

R 325.52602 Availability of adopted and referenced rules. ~~documents.~~

Rule 2. (1) The following standards are adopted by reference and 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:

(a) 29 C.F.R. §1910.122 “Hazardous Materials – Table of contents,” effective March 23, 1999.

(b) 29 C.F.R. §1910.123 “Dipping and coating operations: Coverage and definitions,” effective March 26, 2012.

(c) 29 C.F.R. §1910.124 “General requirements for dipping and coating operations,” effective March 26, 2012.

(d) 29 C.F.R. §1910.125 “Additional requirements for dipping and coating operations that use flammable liquids or liquids with flashpoints greater than 199.4 °F (93 °C),” effective March 26, 2012.

(e) 29 C.F.R. §1910.126 “Additional requirements for special dipping and coating operations,” effective March 26, 2012. ~~The federal regulations adopted by reference in these rules are available without cost as of the time of adoption of these rules from the United States Department of Labor, OSHA, 315 West Allegan, Room 315, Lansing, Michigan 48933, or via the internet at website: www.osha.gov, or from the Michigan Department of Labor and Economic Growth, MIOSHA Standards Section, P.O. Box 30643, Lansing, Michigan 48909.~~

(2) The following standards are adopted by reference and are available from IHS Standards Store, 15 Inverness Way East, Englewood, Colorado, 80112, USA, telephone number: 1-800-447-2273 or via the internet at website: www.global.ihs.com; at a cost as of the time of adoption of these rules, as stated in this subrule:

(a) ANSI Z9.1 “Open-Surface Tanks--Ventilation and Operation,” 1971 edition. Cost \$25.00.

(b) ANSI Z9.2 “Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems,” 1979 edition. Cost: \$73.00.

(c) NFPA 34 “Standard for Dip Tanks Containing Flammable or Combustible Liquids,” 1995 edition. Cost: \$28.00.

(d) NFPA 86A “Standard for Ovens and Furnaces,” 1969 edition. Cost: \$25.00.

(e) ACGIH “Industrial Ventilation: A Manual of Recommended Practice,” 22nd edition, 1995 edition. Cost: \$118.00.

(3) The standards adopted by reference in these rules are also available for inspection at the Department of Licensing and Regulatory Affairs, MIOSHA Standards Section, 530 West Allegan Street, P.O. Box 30643, Lansing, Michigan, 48909-8143.

(4) The standards adopted by reference in these rules may be obtained from the publisher or may also be obtained from the Department of Licensing and Regulatory Affairs, MIOSHA Standards 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.

(5)(2) The following Michigan occupational safety and health **administrative** 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, Labor and Economic Growth**, MIOSHA Standards Section, ~~7150 Harris Drive~~ **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, as of the time of adoption of these rules, is 4 cents per page.

(a) General Industry Safety Standard Part **6** “**Fire Exits**,” ~~6. Fire Exits,~~ R 408.10601 to R 408.10697.

(b) General Industry Safety Standard Part **8** “**Portable Fire Extinguishers**,” ~~8. Portable Fire Extinguishers,~~ R 408.10801 to R 408.10839.

(c) General Industry Safety Standard Part **9** “**Fixed Fire Equipment**,” ~~9. Fixed Fire Equipment,~~ R 408.10901 to R 408.10999.

(d) General Industry Safety Standard Part **39** "~~Design~~ **Design Safety Standards for Electrical Systems,**" ~~Systems,~~ R 408.13901 to R 408.13902.

(e) General Industry Safety Standard Part **40** "~~Electrical~~ **Electrical Safety-Related Work Practices,**" ~~Practices,~~ R 408.14001 to R 408.14009.

(f) General Industry Safety Standard Part **73** "~~Fire Brigades,~~ **Fire Brigades,**" R 408.17301 to R 408.17320.

(g) Occupational Health Standard Part **301** "~~Air Contaminants for General Industry,~~ **Air Contaminants for General Industry,**" R 325.51101 to R 325.51108.

(h) Occupational Health Standard Part **430** "~~Hazard Communication,~~ **Hazard Communication,**" R 325.77001 to R 325.77003.

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

(j) Occupational Health Standard Part **474** "~~Sanitation,~~ **Sanitation,**" R 325.47401 to R 325.47425. ~~474. Sanitation, R 4201.~~

(k) Occupational Health Standard Part **490** "~~Permit-Required Confined Spaces,~~ **Permit-Required Confined Spaces,**" R 325.63001 to R 325.63049.

~~(3) The following standards are available from IHS/Global, 15 Inverness Way East, Englewood, Colorado, 80112, USA, telephone number: 1-800-854-7179 or via the internet at website: <http://global.ihs.com>; at a cost as of the time of adoption of these rules, as stated in this subrule:~~

~~(a) American National Standard Institute Z9.1-1971 Open-Surface Tanks--Ventilation and Operation, 1971 edition. Cost \$20.00~~

~~(b) American National Standard Institute Z9.2-1979 Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems, 1979 edition. Cost: \$73.00.~~

~~(c) National Fire Protection Association NFPA 34-1966 Standard for Dip Tanks Containing Flammable or Combustible Liquids, 1966 edition. Cost:\$20.00.~~

~~(d) National Fire Protection Association NFPA 34-1995 Standard for Dip Tanks Containing Flammable or Combustible Liquids, 1995 edition. Cost:\$39.00.~~

~~(e) National Fire Protection Association NFPA 86A-1969 Standard for Ovens and Furnaces, 1969 edition. Cost: \$66.00.~~

~~(f) ACGIH Industrial Ventilation: A Manual of Recommended Practice, 22nd edition, 1995. Cost: \$118.00.~~

~~Rule 3220 Rescinded.~~