



April 1-4, 2019 Roanoke Higher Education Center – 108 N. Jefferson Street Roanoke, VA 24016

June 24-27, 2019 Chesapeake Region Safety Council – 2555 Lord Baltimore Drive, Suites N-R Baltimore, MD 21244

September 16-19, 2019 Chesapeake Region Safety Council – 2555 Lord Baltimore Drive, Suites N-R Baltimore, MD 21244

December 9-12, 2019 Chesapeake Region Safety Council – 2555 Lord Baltimore Drive, Suites N-R Baltimore, MD 21244

This course covers OSHA Electrical Standards and the hazards associated with electrical installations and equipment. Course topics include single- and three-phase systems, cord- and plug-connected and fixed equipment, grounding, ground fault circuit interrupters, and safety-related work practices. Emphasis is placed on electrical hazard recognition and OSHA Standards, policies, and procedures and applicable portions of the National Electrical Code (NEC). Students will participate in workshops on the safe and correct use of electrical testing equipment. Upon course completion students will have the ability to understand the severity of electrical current on the human body, recognize and evaluate actual and potential electrical hazards and reference the applicable OSHA Standard to determine hazard abatement measures, and understand the proper use of electrical testing equipment.

Topics covered:

- * Electrical fundamentals
- * Grounding requirements
- * Over-current protection
- * Single- and three-phase systems
- * Electrical requirements for portable equipment
- * Electrical requirements for fixed equipment
- * Ground fault circuit interrupters
- * Hazardous locations
- * Electrical safety-related work practices
- * Dielectric personal protective equipment
- * Temporary wiring
- * Portable generators
- * Branch circuits

Learn To:

- * Detect electrical hazards, determine which OSHA standards apply, and achieve the appropriate abatement
- * Properly use safety electrical test equipment
- * Understand the effects of electrical current on the human body with respect to voltage, current path, and the duration of exposure
- * Identify and value OSHA electrical standards
- * Understand how the National Electrical Code ties into OSHA's electrical standard
- * **Understand the 2018 edition of NFPA 70E and learn the latest information about the effects of arc flash, arc blast, and direct current (dc) hazards, and recent developments in electrical design and Personal Protective Equipment (PPE).**



Class Price:
\$795

Registration Form- Please FILL OUT the Course Info Below:

Class Name: OSHA 3095 **Class Date:** (month/day/yr) ____ / ____ / ____ **Location:** (city, state) _____, _____

Student Name(s): _____

Company: _____ **Email:** _____

Address: _____ **City, State, Zip:** _____

Phone #: _____ **Fax #:** _____ #4401

Indicate Payment Method: (please check)

Check Enclosed _____ **Please Invoice** _____ **Visa** _____ **Mastercard** _____ **American Express** _____ **Discover** _____

Card # _____ **CID #:** _____ **Exp. Date:** _____ **Name on Card:** _____

You can mail this form to:

MAOTIEC/Chesapeake Region Safety Council - 2555 Lord Baltimore Drive, Suites N-R, Baltimore, MD 21244
Call to register: 800-875-4770 **Fax:** 410-281-1350 **Register online** at www.oshamidatlantic.org
Make checks payable to: Chesapeake Region Safety Council