



Marne and Associates, Inc.  
Experts in Electrical Code

## eLearning Solutions: OSHA 1910.268 Communication Workers

15 Online eLearning Modules (10-15 minutes each)



- ◆ Covers all 15 paragraphs in the OSHA Standard 1910.268
- ◆ Designed for communication workers who want to be “qualified” to work:
  - On or around telecommunication lines and equipment
  - In joint use construction with electrical power facilities
- ◆ Photos and drawings to aid the understanding of OSHA’s requirements

**Conforms to the current edition of OSHA 1910.268**

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## About the eLearning Course

OSHA 1910.268 Communication Workers is a self-guided class consisting of 15 modules and quizzes. Each module is 10-15 minutes long and is followed by a quiz consisting of 4 multiple choice questions regarding materials covered in the module. A printable certificate of completion will be available upon completion of the class. During this class you will learn about:

- ◆ Training requirements in the OSHA 1910.268 Standards
- ◆ Safety rules
- ◆ Personal protective equipment
- ◆ Overhead communication/power lines
- ◆ Underground communication/power lines
- ◆ Different types of equipment

## Who Should Attend

Communication employees who want to be “qualified” to work on or around telecommunication lines and equipment alone or in joint use construction with electrical power facilities

## Continuing Education Units

This course provides 0.375 Continuing Education Units (CEUs) or 3.75 Professional Development Hours (PDHs). Please note that the CEU/PDH for this class have been approved by New York State.

## Course Objectives

Upon successful completion of this course the learner will be able to:

1. Understand the application, general requirements, and training requirements in the OSHA 1910.268 Standards.
2. Understand and apply the minimum approach distance requirements to power lines that are built joint-use with communication lines.
3. Understand the safety rules related to employee protection and proper tool use.
4. Recognize the importance of selecting the proper personal protective equipment.
5. Apply the proper safety rules when working on communication lines and equipment.
6. Apply the safety rules related to working on grounding, overhead lines, tree trimming, and buried facilities.

## Class Format/ Learning Methods

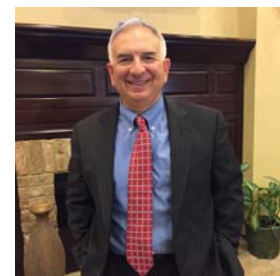
- ◆ On-line, self-paced study
- ◆ Recorded narrated presentation slides rich in graphics and practical applications
- ◆ Moodle (learning management system) keeps track of progress throughout the training
- ◆ Ability to email questions to the instructor

## About the Instructor

**David J. Marne, P.E.**, is a registered professional electrical engineer. Mr. Marne is the author of *McGraw-Hill's National Electrical Safety Code® (NESC®) 2017 Handbook* and is a nationally recognized speaker on the NESC.

He serves on NESC Subcommittee 4 Overhead Lines Clearances, Subcommittee 7 Underground Lines, Subcommittee 3 Electric Supply Stations, and the Interpretations Subcommittee. He is company president and senior electrical engineer for Marne and Associates, Inc. in Missoula, MT where he specializes in National Electrical Safety Code (NESC) training, OSHA training for power and communication workers, engineering design training, and expert witness services related to the NESC, the OSHA Standards for Power and Communication workers, and California's General Orders GO95, GO128, and GO165.

Mr. Marne has over 30 years of experience in the utility industry engineering and managing transmission and distribution line projects, substation projects, electrical system planning studies, joint use (power and communication) projects, and providing training and expert witness services.



**David J. Marne, P.E.**

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## Class Topics

- ◆ Introduction
- ◆ Paragraph a - Application
- ◆ Paragraph b - General
- ◆ Paragraph c - Training
- ◆ Recognizing Parts
- ◆ Paragraph d - Employee protection in public work areas
- ◆ Paragraph e - Tools and personal protective equipment
- ◆ Paragraph f - Rubber insulating equipment
- ◆ Paragraph g - Personal climbing equipment
- ◆ Paragraph h - Ladders
- ◆ Paragraph i - Other tools and personal protective equipment
- ◆ Paragraph j - Vehicle mounted material handling devices and other mechanical equipment
- ◆ Paragraph k - Materials handling and storage
- ◆ Paragraph l - Cable fault locating and testing
- ◆ Paragraph m - Grounding for employee protection pole lines
- ◆ Paragraph n (Parts 1 & 2) - Overhead lines
- ◆ Paragraph o - Underground lines
- ◆ Paragraph p - Microwave transmission
- ◆ Paragraph q - Tree trimming electrical hazards
- ◆ Paragraph r - Buried facilities, communication/power lines

## Enrollment/Pricing/ Cancellation

- ◆ The OSHA 1910.268 Communication Workers eLearning class costs \$95.00 per eLearner for a 1 year subscription.
- ◆ eLearners register through Marne and Associates, Inc. website [www.marneassociates.com](http://www.marneassociates.com). Once registered, login instructions will be emailed to the enrollee to access the online class.
- ◆ Marne and Associates, Inc. does not offer a refund for eLearning classes at this time. It is the eLearner's responsibility to make sure he/she has reviewed the class contents and system requirements prior to purchasing the class.

## Benefits of eLearning

- ◆ Classes are designed around the learner
- ◆ On-demand access means learning can happen precisely when needed
- ◆ Travel time and associated costs are reduced or eliminated
- ◆ Professional quality presentations
- ◆ Classes created and taught by industry experts
- ◆ Training can be tracked to determine each employee's training status

## Trademarks

National Electrical Safety Code® and NESC® are registered trademarks of the Institute of Electrical and Electronics Engineers (IEEE). OSHA (Occupational Safety & Health Administration) is a branch of the U.S. Department of Labor.

## Comments by Past Participants...

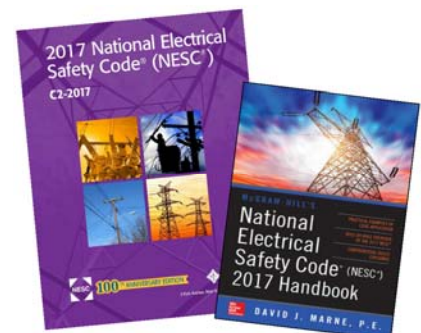
Enjoyed the course.  
Well done!

Very helpful and  
informative.  
Very appreciated.

Good presentation.  
Keep up the good  
work.

## Class Materials

- ◆ There are not hard copy materials for the eLearning class. The presentation is viewable on line anytime during the 1 year subscription period.
- ◆ Attendees are encouraged (but not required) to have a copy of the OSHA 1910.268 Standard, NESC Codebook, and McGraw-Hill's NESC Handbook. These books are available for purchase on [www.codehandbook.com](http://www.codehandbook.com).



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619 S.W. Higgins Ave, Suite C Missoula, MT 59803 · (406) 544-8997 · [www.marneassociates.com](http://www.marneassociates.com)