



**Marne and Associates, Inc.**  
Experts in Electrical Code

## OSHA 1910.268 Communication Line Workers

(Presented In-House at your Utility/Association or Presented as a Live Web Seminar)



- ◆ 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**

# OSHA 1910.268

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### About the Seminar

Our *OSHA 1910.268 Communication Line Workers* class consists of 15 modules and quizzes. Each module is followed by a quiz consisting of multiple choice questions regarding materials covered in the module. During this class you will learn about:

- ◆ Training requirements in the OSHA 1910.268 Standards
- ◆ Safety rules
- ◆ Personal protective equipment
- ◆ Minimum Approach Distances
- ◆ 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 0.6 Continuing Education Units (CEUs) or 6 Professional Development Hours (PDHs). This class has not been registered with any State Licensing or Education Board.

### 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

- ◆ Presented in person or live via the web.
- ◆ Lecture format
- ◆ Real time Q and A
- ◆ Presentation slides rich in graphics and practical applications
- ◆ Ample time for questions and class discussion

### 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, 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, 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 35 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 Schedule

**8:00 a.m. Registration Begins**

**8:30 a.m. Welcome**

**8:45 a.m. OSHA 1910.268**

**Overview and Paragraphs a-c**

- ◆ Introduction
- ◆ Paragraph a - Application
- ◆ Paragraph b - General
- ◆ Paragraph c - Training
- ◆ Recognizing Live Parts

**10:15 a.m. Break**

**10:30 a.m. Paragraphs d-h**

- ◆ 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

**12:00 p.m. Lunch**

**1:00 p.m. Paragraphs i-m**

- ◆ 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

**2:30 p.m. Break**

**2:45 p.m. Paragraphs n-r**

- ◆ 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

**4:15 p.m. Adjourn**

**OPTION:** This class can be presented as four 90-minute live web seminars.

### Enrollment/Pricing/Cancellation

- ◆ Please contact us for a quote to have this class presented as a live webinar or presented in person at your utility or association.
- ◆ Our live **Webinar** is typically economical on a per person basis when there are approximately 10 or more individuals to train.
- ◆ Our **In-House** presentation is typically economical on a per person basis when there are 15 or more individuals to train. For in-house training, the utility or association provides the conference room and any desired meals and beverages for the attendees.
- ◆ Class cancellations can be made by contacting Marne and Associates, Inc. at any time prior to the presentation date. No payment is due until the class is completed.

### Benefits of In-House Training

- ◆ Save on travel time and out-of-office expenses.
- ◆ Entire departments can be trained together.
- ◆ Presentation can be designed to meet the needs of your organization.
- ◆ Training schedule can be modified to meet your needs.

### Trademarks

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### Comments by Past Participants...

I enjoyed learning about Minimum Approach Distances.

Very helpful and informative. Very appreciated.

Excellent presentation. Keep up the good work.

### Class Materials

- ◆ Attendees will receive a hard copy or pdf copy of the class presentation slides. The presentation materials are copyrighted by Marne and Associates, Inc. Class materials are reserved for class attendees only and may not be duplicated.
- ◆ Attendees are encouraged (but not required) to have a copy of the OSHA 1910.268 Standard. The Standard can be downloaded at [www.osha.gov](http://www.osha.gov).

