



Marne and Associates, Inc.
Experts in Electrical Code

OSHA 1910.269

Power Line Workers

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



- ◆ Covers all 18 paragraphs in the OSHA Standard 1910.269
- ◆ Designed for power workers who want to be “qualified” to work on and around distribution and transmission power lines and equipment
- ◆ Rich in graphics and practical applications

Conforms to the current edition of OSHA 1910.269

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About the Seminar

OSHA 1910.269 Power Line Workers is a class consisting of 18 modules and quizzes. Each module is followed by a quiz consisting of 4 multiple choice questions regarding materials covered in the module. During this class you will learn about:

- ◆ Training requirements in the OSHA 1910.269 Standards
- ◆ Safety rules
- ◆ Personal protective equipment
- ◆ Minimum Approach Distances
- ◆ Overhead power lines
- ◆ Underground power lines
- ◆ Different types of equipment

Who Should Attend

Power line employees who want to be “qualified” to work on and around distribution and transmission power lines and equipment.

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 boards.

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 1910.269 Standards.
2. Understand and apply the minimum approach distance requirements.
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 or near power lines and equipment.
6. Apply the proper 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® (NEC®) 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 (NEC) 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-e

- ◆ Introduction
- ◆ Paragraph a - General
- ◆ Paragraph b - Medical Services/First Aid
- ◆ Paragraph c - Job Briefing
- ◆ Paragraph d- Hazardous energy control (lockout/tagout) procedures
- ◆ Paragraph e- Enclosed spaces

10:15 a.m. Break

10:30 a.m. Paragraphs f-k

- ◆ Paragraph f - Excavations
- ◆ Paragraph g - Personal protective equipment
- ◆ Paragraph h - Ladders, platforms, step bolts, and manhole steps
- ◆ Paragraph i - Hand/portable power tools
- ◆ Paragraph j - Live line tools
- ◆ Paragraph k - Materials handling and storage

12:00 p.m. Lunch

1:00 p.m. Paragraphs l-q

- ◆ Paragraph l (Parts 1 & 2) - Working on or near exposed energized parts
- ◆ Paragraph m - De-energizing lines and equipment for employee protection
- ◆ Paragraph n - Grounding for protection of employees
- ◆ Paragraph o - Testing and test facilities
- ◆ Paragraph p - Mechanical equipment
- ◆ Paragraph q (Parts 1 & 2) -Overhead lines

2:30 p.m. Break

2:45 p.m. Paragraphs r-w

- ◆ Paragraph r - Line clearance tree trimming operations
- ◆ Paragraph s - Communications facilities
- ◆ Paragraph t - Underground electrical installations
- ◆ Paragraph u - Substations
- ◆ Paragraph v - Power generation
- ◆ Paragraph w - Special conditions

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 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.

Good 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 1910.269 Standard. The Standard can be downloaded at www.osha.gov.

