



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

# 2023 National Electrical Safety Code (NESC) Major Changes

(An online 90-minute Live Web Seminar)



- ◆ Learn the major changes in the 2023 National Electrical Safety Code (NESC)
- ◆ Designed for:
  - ◆ Engineers
  - ◆ Staking Technicians
  - ◆ Power Lineworkers
  - ◆ Communications Lineworkers
  - ◆ Safety Personnel
  - ◆ Inspectors
- ◆ Rich in graphics and practical applications

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## About the Seminar

2023 NESC Major Changes is a 90-minute live web seminar discussing the major changes in the 2023 National Electrical Safety Code (NESC). This webinar is essential for all levels of utility engineering and operations personnel to ensure their knowledge of the latest safety code requirements. The 2023 NESC Major Changes live web seminar is a condensed version of Marne and Associates, Inc. 1-day seminar, Major Changes and General Overview of the 2023 NESC. During this webinar you will learn:

- ◆ Scope and Purpose of the Code
- ◆ Major Changes: Grounding Requirements
- ◆ Major Changes: Supply Station Rules
- ◆ Major Changes: Clearances of Overhead Lines
- ◆ Major Changes: Loading and Strength of Overhead Lines
- ◆ Major Changes: Underground Line Rules
- ◆ Major Changes: Work Rules

## Who Should Attend?

- ◆ Engineers
- ◆ Staking Technicians
- ◆ Power Lineworkers
- ◆ Communications Lineworkers
- ◆ Safety Personnel
- ◆ Inspectors

Prior working knowledge of the NESC is helpful as only the major changes will be discussed.

## Course Objectives

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

1. Understand the organization, scope, purpose, and general application of the National Electrical Safety Code.
2. Learn the major changes in the 2023 NESC.
3. Recognize how the Code is integrated into design and construction standards and operating practices.

## Class Format/ Learning Methods

- ◆ Presented as an online Live Web Seminar
- ◆ Lecture format
- ◆ Real time Q & A
- ◆ Presentation slides rich in graphics and practical applications

## Benefits of a Marne and Associates Live Web Seminar

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

## 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®) 2023 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 and OSHA training for power and communication workers. 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

- ◆ Welcome
- ◆ Scope and Purpose of the Code
- ◆ Major Changes: Grounding Requirements
- ◆ Major Changes: Supply Station Rules
- ◆ Major Changes: Clearances of Overhead Lines
- ◆ Major Changes: Loading and Strength of Overhead Lines
- ◆ Major Changes: Underground Line Rules
- ◆ Major Changes: Work Rules
- ◆ Q & A
- ◆ Adjourn

## Continuing Education Units

This course provides 0.15 Continuing Education Units (CEUs) or 1.5 Professional Development Hours (PDHs). Please note that this class has not been registered with any state licensing or education board.

## 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.

## Scheduling

This class is presented as a custom scheduled live web seminar. Please contact us to arrange a 90-minute time slot that works for both your company and us.

## Pricing

The fee for this 90-minute custom-scheduled live web seminar is as follows:

\$995.00 : The price is the fee for up to five attendees.

\$50.00: If you would like to invite more than five learners to attend, there is a \$50.00 fee for each additional attendee after the initial five.

## Login Information

Login instructions and class handouts will be emailed to your group leader approximately one week before the scheduled class date.

Marne and Associates utilizes WebEx as our online training platform. We can also present on your company's online training platform if desired.

Individual or group logins are acceptable.

Please email us your sign-in sheet for processing group login training certificates and for billing purposes.

## Cancellation Policy

Class cancellations can be made by contacting Marne and Associates at any time prior to the presentation date. No payment is due until after the presentation. (Exceptions may apply.)

## Comments by Past Participants...

"Dave is a very good presenter and knows the NESC!"

"Excellent seminar! Learned a ton of new information."

"This class is great for those who want to gain an understanding of the major Code changes."

## Class Materials

- ◆ Attendees will receive a pdf copy of the class presentation slides. The presentation materials are copyrighted by Marne and Associates, Inc. with permissions from the McGraw-Hill companies, 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 2023 NESC Codebook and McGraw-Hill's NESC 2023 Handbook by David J. Marne. These books are available for purchase on [www.marneassociates.com](http://www.marneassociates.com).