

CompEx ExF NEC 500 Foundation training course



This course provides foundation training for electrical and instrumentation/electronic personnel working in hazardous areas, either with or without NEC 500 experience.

This training focuses on:

- NEC 500 code of practice
- API RP 500 for area classification
- API RP 14F recommended practice for Class and Division electrical equipment installation
- Class and Division
- Ex inspections
- Markings
- Types of protection
- NEMA® ratings

Course objectives

Upon completion of the NEC 500 Hazardous Area Electrical Training Foundation course, the student will be able to:

- Understand basics of explosive atmosphere protection methods used under the NEC 500 Standard practice and where each may be used
- Demonstrate understanding of equipment markings
- Understand which activities are and are not allowed with regards to maintenance and repairs required to be placed on equipment

Learning techniques

In order to provide the highest quality training experience, this course will consist of the following instructional elements:

- **Instructor-led presentation**
The core elements will be presented in a classroom environment.
- **Final exam**
The final exam will be a time-restricted multiple choice test chosen from a test bank, and will be administered locally via an online service.

Course details

Course number
AH - CMP 500F

Target audience

Entry level and electrical installation and inspection personnel using the Class and Division concept in the USA (NFPA 70, Articles 500–508).

Location

Eaton Experience Center

3413 N. Sam Houston Parkway West
Suite 212A
Houston, TX 77086

Duration

2 days, 8 a.m. to 4 p.m.

Prerequisites

None.

Certification issued

The attendee will receive a JTL Certificate of Core Competency for CompEx NEC500 certificate upon successful completion of the assessment and online examination. The certificate is valid for 5 years.

To register, visit Eaton.com/EECTraining



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