

CompEx ExF NEC 505 Foundation training course



This course provides foundation training for electrical and instrumentation/electronic personnel working in hazardous areas, either with or without NEC 505 experience.

This training focuses on:

- NEC 505 code of practice
- API RP 505 for area classification
- API RP 14F recommended practice for Class and Division electrical equipment installation
- Class and zones
- AEx inspections
- Markings
- Types of protection
- NEMA ratings

Course objectives

Upon completion of the NEC 505 Hazardous Area Electrical Training Foundation course, the student will be able to:

- Understand basics of explosive atmosphere protection methods used under the NEC 505 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 - NEC 505F

Target audience

Entry level and electrical installation and inspection personnel using the class and zones concept in the USA.

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 NEC505 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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Publication No. SA083092EN / Z18718
September 2016

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