

CompEx NEC 505 Ex01–04 training course



This course provides competence-based training and assessment for electrical and instrumentation personnel working in hazardous areas. Practical “hands-on” training and assessment takes place in a realistic simulated environment, giving attendees a comprehensive learning experience that will transfer to their work setting and enhance the real-world experience.

Ex01

- Demonstrate ability to select appropriate cable glands for Ex d, Ex e, Ex n applications
- Complete a partial-installation of Ex d, Ex e and Ex n equipment

Ex02

- Identify installation errors in Ex d, Ex e and Ex n equipment

Ex03

- Complete a partial installation of Ex i equipment
- Understand Ex i methodology and installation requirements

Ex04

- Identify installation errors in Ex i installations

Course objectives

Upon completion of the CompEx NEC 505 Ex01–04 course, the student will be able to:

- Demonstrate installation and inspections skills in hazardous areas
- Understand basics of Ex protection methods and where each may be used
- Demonstrate understanding of Ex markings
- Understand which activities are allowed and are not allowed with regards to maintenance and repairs

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.
- **Lab exercises**
Practical demonstrations of skill will be completed by the student in a realistic lab environment.
- **Assessment**
The final exam will be administered via an online service. Lab assessments will also be administered.
- **Documentation**
The attendee will receive an attendance certificate from ATEC. Upon successfully passing the JTL exam, the attendee will receive a certificate that is valid for 5 years.

Course details

Course number

AH / AS / AD-CMP-202

Target audience

Electrical Installation and inspection personnel using the zone concept in the USA (NFPA 70, Para 505).

Location

Eaton Experience Center

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

Duration

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

Prerequisites

Proof of electrical qualification by employer letter.

Certification issued

Certification of Competence issued by JTL. Valid for 5 years.

To register, visit
Eaton.com/EECTraining