



Hazardous Area Electrical Training (HALT) Competency Course

Course Number ATEC108-5

Course Overview

This provides competence-based training & assessment for electrical and instrumentation personnel working in hazardous areas. Practical “hands-on” training & assessment takes place in a realistic simulated environment, giving attendees a comprehensive learning experience which is directly related to real-world environment. Discussion is held on the relationship & differences between NEC, IEC, and ATEX.

Course Content

Explosion principles, gas properties and hazards

- Standards, Certification, and marking
- Protection Concepts and Installation Techniques for Ex d, e, n, i, o, m, q, and p equipment
- Combined (Hybrid) types of protection
- Wiring Systems, enclosure entries, and cable gland selection & installation
- Inspection & Maintenance of equipment to IEC 60079-17 standards
- Sources of Ignition
- Hands-on installation & inspection (Assessed)
- Final Exam

Course Details

Location: ATEC Training & Certification, Houston, Texas

Min / Max Students: 5 / 12

Special Requirements: Proof of electrical qualification or employer letter

Certification: Certificate of competence issued by ATEC. Valid for 5 years

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HALT