

G964e Advanced ATEX Training

Course description



Course Duration

The duration of the course depends on the participant. This course is equivalent to two days classroom training. The course has been scheduled to be studied within five weeks. Participants who return the course exam by the given date and successfully pass the exam will receive a certificate.

Course Type

This is a web-based training course. The motor experts will assist the participants via the Internet. The language of the course is English.

Course Goal

The course will introduce the basic principles of the ATEX directives, references to corresponding standards and give several practical advises.

Student Profile

This training is targeted at ABB personnel as well as the customers in co-operation with ABB that are involved in Ex-business.

Prerequisites and Recommendations

- G949e Introduction to the Motor and Generator Business and G951e Technical Introduction to Motors and Generators or G950e Introduction to Motor and Generator sales –web course or equivalent knowledge
- G962e Motors and Generators for Hazardous Areas –web course or equivalent knowledge

Course Objectives

Upon completion of this course the participants will be able to

- describe the basic principles of the ATEX directives
- define references to corresponding standards
- select the equipment according the advise of manufacturer, especially for VSD applications
- describe the connection with the non-electrical equipment
- explain the new rules that define relationships with third parties

Main Topics

- Worker Protection Directive (ATEX 137)
- Third parties new responsibilities
- Installation, maintenance and repair under ATEX Directives
- Products Directive (ATEX 95)
- Motors with converters for variable speed drives
- Mechanical (non-electrical) equipment

Minimum System Requirements

- 32 MB of RAM (64MB is recommended)
- 28.8 modem or LAN connection to the course server
- Internet connection
- Printer (optional)