

## Course description

# G964e

## Advanced ATEX training

### Course goal

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

### Learning objectives

Upon completion of this course, students 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

### Participant 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

- 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

### 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

### Course type and methods

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

### 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.

**BU LV Motors and BU Machines Training**

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