

Course description

G021e

ATEX directives, ABB low voltage AC drives and motors, Internet course

Course Type

Internet course

Course Duration

The course duration is approximately 45 min.

Course Goal

The course provides detailed information on how to obtain the safe speed and torque control of motor-driven applications within potentially explosive atmosphere areas.

Student Profile

This course is intended for electricians, technicians, and engineers who need knowledge of ATEX directives in motor driven applications.

Prerequisites

- Experience in using a computer and Internet browser. The recommended browser is Microsoft Internet Explorer version 5.0 or later.
- An Internet connection

Description

The course includes self-study material as a voice-recorded lecture.

Course Objectives

Upon completion of this course, students will gain knowledge about

- The role of ATEX and its importance to motors and drives
- The responsibilities of the end user, the contractor and the manufacturer
- Worker Protection Directive 1999/92/EC (ATEX 137) and Product Directive 94/9/EC (ATEX 95)
- Identifying potentially explosive atmospheres
- Recognizing different Zones
- the Zonal system and other global systems
- Risks associated with using AC drives and motors in explosive atmospheres
- The route to EC Declaration of Conformity and ABB's certification procedure

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