Course description

**G163e**

**ACS800 liquid-cooled drives, fundamentals**

*Internet course*

**Course type**
Internet course

**Course Duration**
The course duration is approximately one day depending on personal background knowledge and study pace. For those who are familiar with ACS600 water cooled product it is typically one day.

**Course Goal**
The goal of this course is to teach students the basics of installation, start-up, adjustment, operation, maintenance, troubleshooting and repair of ACS800 liquid-cooled drives.

**Student Profile**
This course is intended for electricians, technicians, and engineers, who install, operate and service ACS800 liquid-cooled drives.

**Prerequisites**
- Basic knowledge of electronics
- An Internet connection. The recommended browser is Microsoft Internet Explorer version 5.0 or later.

**Description**
This course includes self-study material and self-assessment questions.

**Course Objectives**
Upon completion of this course, students will be able to:
- Describe the functions of the ACS800 liquid-cooled drives
- Describe the hardware structure of the product
- Activate and use the ACS800 liquid-cooling unit software
- Describe the basics of installation, commissioning, maintenance and service operations of ACS800 liquid-cooled drives
- Describe the basic principles of fault-tracing

**Main Topics**
- Overview of the ACS800 liquid-cooled drives features
- Hardware construction
- Component and board functions
- Optional equipment overview
- Fieldbus communication
- Fault tracing principles
- Installation principles
- Liquid-cooling unit start-up
- Basic service operations
- Supply units operations

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