

# G930 Machines Service Workshop Training

## Course description

### Course Duration

The duration of the course is three days.

### Course Type

This is an instructor led course.

### Course Goal

After the course the service personnel has a general understanding of the customers' after sales needs and is able to give the required support for installing, operating, maintaining and repairing machines.

### Student Profile

This training is targeted to ABB employees in service centres and ABB service agreement partners and ABB employees in project implementation.

### Prerequisites and Recommendations

General knowledge of different kinds of rotating electrical machines design and operation principles and experience of general maintenance and service work methods and tooling.

### Course Objectives

After the course the participants will be able to

- implement installation and commissioning in cooperation with factories
- carry out maintenance procedures in cooperation with factories
- work within the ABB after sales network and understand the roles of different factories.
- conduct troubleshooting and report completed actions.

### Main Topics

- General Information
- Design and theory of AC machines
- Inspection and storage
- Installation and commissioning
- Maintenance and repair
- Condition monitoring, diagnostics and testing
- Corrective actions and trouble shooting
- Spare parts and after sales services
- Warranty handling
- Reporting