

Course description

K704

Diagnosis and condition monitoring of rotating electrical machines

Course goal

Course participants will learn about maintenance practices related to diagnosis and fault prediction. Subject areas include vibration and temperature monitoring, bearings, stator and rotor diagnostics and electrical measurements.

Participant profile

Participants need intermediate level knowledge of motors and generators and their operation. Participants could be engineers, technicians, service personnel, electrical and mechanical maintenance personnel, testing engineers etc.

Topics

- Introduction
- Diagnosis and condition monitoring
- Online and offline tests
- Bearing diagnostics and monitoring
- Stator diagnostics and monitoring
- Rotor diagnostics and monitoring
- Vibration monitoring
- Temperature monitoring
- Current and voltage signal monitoring
- Summary

Course type and methods

This is an instructor led seminar with practical exercises. Participants min. 10 to max. 30. Dates and venue are subject to agreement. There is an end-of course assessment and course participants receive a certificate.

Course duration

The duration of the course is 1 day.

BU Motors and Generators Training

www.abb.com

www.abb.com/abbuniversity

Power and productivity
for a better world™

