

Course description

K703

Rotating electrical machines theory, operation and maintenance for minerals and mining industry

Course goal

In addition to course **K700 Rotating electrical machines theory, operation and maintenance**, this course provides detailed training on important factors relating to the operation of motors and generators in the minerals and mining industry. Subject areas include motor and generator construction, standards and specifications, operation, maintenance, energy efficiency, diagnostics, typical minerals and mining industry applications and issues, etc.

Participant profile

Participants typically have beginner or intermediate level experience with motors and generators and their operation. Participants could be engineers, technicians, service personnel, electrical and mechanical maintenance personnel, etc.

Topics

The course agenda is the same as for K700, with an additional day covering the following topics (additional to K700 agenda):

- Introduction
- Mining specific applications
- Typical issues and their causes in mining industry
- Protection types for mining industry
- Service and maintenance requirements for mining industry
- 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 4 days.

BU Motors and Generators Training

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