COURSE DESCRIPTION

CHH622 – Gearless Mill Drive
Ring Motor Maintenance

Course goal
The goal of this course is to make the participants familiar with the aspects of maintenance on a ring motor within a Gearless Mill Drive (GMD) system. This training will help to enhance the preparation, flawless execution and understand the maintenance philosophy.

Main learning objectives
The participants will be able to:
— Understand the different periodical maintenance inspections and their purpose
— Understand the structure of the operation and maintenance manual (OMM)
— Store and handle spare parts and tools with the necessary periodical tests

Participant profile
This training is targeted to maintenance personnel as well as maintenance management who are familiar with their specific ring motor GMD installation.

Prerequisites
Participants should have basic knowledge of mechanical engineering. It is highly recommended to have successfully completed the Gearless Mill Drive – Theoretical System Overview course (CHH621).

Topics
— Ring motor overview
— Operation and maintenance manuals (OMM) of the ring motor.
— 6/12/36 months maintenance tasks and inspections according to mechanical maintenance plan
— Spare parts/tools and their storage, periodical tests

Course type and methods
This is an instructor-led course with interactive discussions and group work.

Duration
The duration is 2 days.

Remarks
Note: This course does not certify, approve, authorize, accredit or validate any technician/engineer to perform any maintenance work without ABB’s written approval.
This course can be delivered at:
— Customer site / any training facility organized by customer
— ABB training center in Switzerland
## Course map

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**Topics**

**Time**

DAY 1: 9:00 am – 5:00 pm  
DAY 2: 9:00 am – 5:00 pm

Typical course layout (time or sequence may change)