

Metso

Metso Academy

Horizontal grinding mill maintenance

Academy

Practical knowledge of safe and efficient maintenance practices for horizontal grinding mills.



Our horizontal grinding mill maintenance course equips participants with the knowledge and skills required for safe and efficient maintenance of Metso grinding mills. Training is delivered by our experienced team of in-house certified experts and covers basic knowledge of grinding mill components as well as training on optimal preventive maintenance practices and procedures.

Training objective

This targeted two-day course:

- Provides practical knowledge of horizontal grinding mill components and preventive maintenance practices.
- Is suitable for maintenance supervisors and technicians (both beginners and those requiring refresher training).
- Allows participants to focus on understanding and implementing proven inspection and maintenance routines
- Can be delivered at Metso facility or on-site.

Through carefully designed course modules, this training covers the following elements:

1. Safety – guidelines for performing preventive maintenance on grinding mills safely and correctly.
2. Technical overview – recognizing mill types and their components, including lubrication systems.
3. Operational overview – maintenance workflow and use of an inching drive for inspection and maintenance.
4. Maintenance and after-sales support – extending the life of grinding mills through preventive maintenance.



Training benefits:

- Increased productivity
- Improved safety
- Higher equipment availability
- Optimized maintenance processes
- Decreased repair costs

Read more at www.metso.com/academy

Training course details

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Grinding mill types	<ul style="list-style-type: none"> • Overview of AG, SAG, rod and ball mills and their capabilities
Grinding mill components	<ul style="list-style-type: none"> • Detailed exploration of typical horizontal mill components with a focus on main bearings, main bearing lubrication systems and mill drives • Includes review of site-specific piping and instrumentation diagrams for Metso main bearing lubrication systems when available
Operational stressors	<ul style="list-style-type: none"> • Discussion of physical stresses that affect horizontal grinding mills during operation and how to recognize and mitigate them
Maintenance workflow	<ul style="list-style-type: none"> • Outline of typical planning, preparation and procedures involved in performing maintenance safely and efficiently • Instruction on safely positioning horizontal grinding mills for
	<ul style="list-style-type: none"> •