Garnet
Garnet Global Training Center

GGT-MN-124

Mining, Metals & Cement

Mine Equipment Maintenance

صيانة معدات المناجم

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Participants in Mine Equipment Maintenance practise the methods, tools and standards they need to perform reliably and solve problems on the job. Process, maintenance and safety programs for mines, smelters and cement plants. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Mine Equipment Maintenance to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

Who should attend

Process and maintenance engineers, plant managers and safety leads in heavy industry. Practitioners with one to five years of experience benefit most.

Key topics

- Process flow and mass balance
- Kilns, mills and crushers
- Wear, refractories and reliability
- Energy and fuel efficiency
- Dust, emissions and safety
- Quality control

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Mine Equipment Maintenance: principles and standards

- Energy and fuel efficiency
- Group discussion and peer review

Day 2 Methods and tools in practice

- Dust, emissions and safety
- Quality control

Day 3 Diagnosis and problem solving

- Process flow and mass balance
- Measurement and reporting

Day 4 Quality, safety and documentation

- Kilns, mills and crushers
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Wear, refractories and reliability
- Common mistakes and how to avoid them

10-day outline

Day 1 Mine Equipment Maintenance: principles and standards

- Energy and fuel efficiency
- Group discussion and peer review

Day 2 Methods and tools in practice

- Dust, emissions and safety
- Quality control

Day 3 Diagnosis and problem solving

- Process flow and mass balance
- Measurement and reporting

Day 4 Quality, safety and documentation

- Kilns, mills and crushers
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Wear, refractories and reliability
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Checklists and templates to take away

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
8–12 Feb 2027	5-day classroom	Istanbul	English	4,750
19–30 Apr 2027	10-day classroom	Dubai	English	8,950
14–18 Jun 2027	5-day online	Live online	Arabic	2,950
6–10 Dec 2027	5-day classroom	Singapore	English	4,750
3–7 Apr 2028	5-day classroom	London	English	4,750
8–12 May 2028	5-day classroom	Geneva	English	4,750
3–14 Jul 2028	10-day online	Live online	Arabic	5,450
11–22 Sep 2028	10-day classroom	Dubai	Arabic	8,950
8–12 Apr 2029	5-day classroom	Cairo	English	4,750

Dates	Format	City	Language	Fee (USD)
11–15 Jun 2029	5-day online	Live online	Arabic	2,950
5–9 Aug 2029	5-day classroom	Kuwait City	English	4,750
7–18 Oct 2029	10-day classroom	Amman	English	8,950
18–29 Mar 2030	10-day classroom	Abu Dhabi	English	8,950
3–7 Jun 2030	5-day classroom	Amsterdam	English	4,750
8–12 Jul 2030	5-day classroom	Singapore	English	4,750
12–23 Aug 2030	10-day online	Live online	Arabic	5,450

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/