Garnet
Garnet Global Training Center

GGT-MN-114

Mining, Metals & Cement

Quarry Operations

عمليات المحاجر

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

Overview

Quarry Operations turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. 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 Quarry Operations to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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 Quarry Operations: principles and standards
- Dust, emissions and safety
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Quality control
- Process flow and mass balance

Day 3 Diagnosis and problem solving
- Kilns, mills and crushers
- Regional and international case studies

Day 4 Quality, safety and documentation
- Wear, refractories and reliability
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Energy and fuel efficiency
- Group discussion and peer review

10-day outline

Day 1 Quarry Operations: principles and standards
- Dust, emissions and safety
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Quality control
- Process flow and mass balance

Day 3 Diagnosis and problem solving
- Kilns, mills and crushers
- Regional and international case studies

Day 4 Quality, safety and documentation
- Wear, refractories and reliability
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Energy and fuel efficiency
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Measurement and reporting

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
- Hands-on workshop on a workplace challenge

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)
11–15 Jan 2027	5-day online	Live online	Arabic	2,950
15–19 Mar 2027	5-day classroom	Dubai	English	4,750
14–18 Jun 2027	5-day classroom	Kuala Lumpur	English	4,750
12–23 Sep 2027	10-day classroom	Cairo	Arabic	8,950
9–13 Jan 2028	5-day classroom	Amman	English	4,750
12–23 Jun 2028	10-day online	Live online	English	5,450
10–21 Sep 2028	10-day classroom	Kuwait City	Arabic	8,950
6–10 Nov 2028	5-day classroom	Amsterdam	English	4,750
15–19 Jan 2029	5-day classroom	Vienna	English	4,750
2–6 Apr 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
7–18 May 2029	10-day classroom	Amsterdam	English	8,950
20–24 Aug 2029	5-day classroom	Abu Dhabi	Arabic	4,750
15–19 Apr 2030	5-day classroom	Singapore	English	4,750
9–13 Jun 2030	5-day classroom	Jeddah	Arabic	4,750
15–26 Jul 2030	10-day classroom	Abu Dhabi	English	8,950
11–22 Nov 2030	10-day online	Live online	English	5,450

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