Garnet
Garnet Global Training Center

GGT-MN-101

Mining, Metals & Cement

Cement Manufacturing Process

عمليات تصنيع الأسمنت

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

Overview

Cement Manufacturing Process focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Process, maintenance and safety programs for mines, smelters and cement plants. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Cement Manufacturing Process 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 Cement Manufacturing Process: principles and standards

- Quality control
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Process flow and mass balance
- Kilns, mills and crushers

Day 3 Diagnosis and problem solving

- Wear, refractories and reliability
- Regional and international case studies

Day 4 Quality, safety and documentation

- Energy and fuel efficiency
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Dust, emissions and safety
- Group discussion and peer review

10-day outline

Day 1 Cement Manufacturing Process: principles and standards

- Quality control
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Process flow and mass balance
- Kilns, mills and crushers

Day 3 Diagnosis and problem solving

- Wear, refractories and reliability
- Regional and international case studies

Day 4 Quality, safety and documentation

- Energy and fuel efficiency
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Dust, emissions and safety
- 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)
12–23 Apr 2027	10-day classroom	Kuala Lumpur	English	8,950
14–18 Jun 2027	5-day online	Live online	Arabic	2,950
16–20 Aug 2027	5-day classroom	Amsterdam	English	4,750
11–15 Oct 2027	5-day classroom	Dubai	English	4,750
12–23 Mar 2028	10-day classroom	Cairo	English	8,950
3–7 Apr 2028	5-day classroom	Dubai	Arabic	4,750
15–26 May 2028	10-day online	Live online	English	5,450
11–15 Jun 2028	5-day classroom	Amman	Arabic	4,750
19–23 Feb 2029	5-day classroom	Kuala Lumpur	English	4,750

Dates	Format	City	Language	Fee (USD)
6–17 May 2029	10-day classroom	Manama	Arabic	8,950
13–17 Aug 2029	5-day online	Live online	English	2,950
3–7 Dec 2029	5-day classroom	Abu Dhabi	English	4,750
18–29 Mar 2030	10-day online	Live online	English	5,450
11–15 Aug 2030	5-day classroom	Cairo	Arabic	4,750
21–25 Oct 2030	5-day classroom	Kuala Lumpur	English	4,750
15–26 Dec 2030	10-day classroom	Jeddah	Arabic	8,950

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