Garnet
Garnet Global Training Center

GGT-MN-111

Mining, Metals & Cement **New from 2028**

Alternative Fuels in Cement

الوقود البديل في صناعة الأسمنت

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

Overview

Alternative Fuels in Cement 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 Alternative Fuels in Cement to real tasks.
- Diagnose common problems and identify root causes.
- 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.

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 Alternative Fuels in Cement: principles and standards

- Wear, refractories and reliability
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Energy and fuel efficiency
- Dust, emissions and safety

Day 3 Diagnosis and problem solving

- Quality control
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Process flow and mass balance
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Kilns, mills and crushers
- Checklists and templates to take away

10-day outline

Day 1 Alternative Fuels in Cement: principles and standards

- Wear, refractories and reliability
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Energy and fuel efficiency
- Dust, emissions and safety

Day 3 Diagnosis and problem solving

- Quality control
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Process flow and mass balance
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Kilns, mills and crushers
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
9–13 Jan 2028	5-day classroom	Doha	English	4,750
1–5 May 2028	5-day classroom	Abu Dhabi	Arabic	4,750
18–29 Jun 2028	10-day classroom	Riyadh	Arabic	8,950
11–22 Dec 2028	10-day online	Live online	English	5,450
18–29 Mar 2029	10-day classroom	Doha	English	8,950
9–13 Apr 2029	5-day classroom	Abu Dhabi	English	4,750
9–13 Jul 2029	5-day online	Live online	English	2,950
21–25 Oct 2029	5-day classroom	Cairo	Arabic	4,750
17–28 Feb 2030	10-day classroom	Doha	English	8,950

Dates	Format	City	Language	Fee (USD)
15–26 Apr 2030	10-day online	Live online	English	5,450
19–23 Aug 2030	5-day classroom	Istanbul	English	4,750
15–19 Dec 2030	5-day classroom	Manama	Arabic	4,750

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