Garnet
Garnet Global Training Center

GGT-MN-107

Mining, Metals & Cement

Steel Making & Rolling

صناعة الصلب والدرفلة

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

Overview

Steel Making & Rolling 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. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Steel Making & Rolling to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

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 Steel Making & Rolling: principles and standards
- Energy and fuel efficiency
- Measurement and reporting

Day 2 Methods and tools in practice
- Dust, emissions and safety
- Quality control

Day 3 Diagnosis and problem solving
- Process flow and mass balance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Kilns, mills and crushers
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Wear, refractories and reliability
- Regional and international case studies

10-day outline

Day 1 Steel Making & Rolling: principles and standards
- Energy and fuel efficiency
- Measurement and reporting

Day 2 Methods and tools in practice
- Dust, emissions and safety
- Quality control

Day 3 Diagnosis and problem solving
- Process flow and mass balance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Kilns, mills and crushers
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Wear, refractories and reliability
- Regional and international case studies

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
18–22 Jan 2027	5-day classroom	Singapore	English	4,750
4–8 Apr 2027	5-day classroom	Amman	English	4,750
1–12 Aug 2027	10-day classroom	Kuwait City	Arabic	8,950
1–5 Nov 2027	5-day online	Live online	English	2,950
19–30 Jun 2028	10-day online	Live online	English	5,450
16–20 Oct 2028	5-day classroom	Kuala Lumpur	English	4,750
12–23 Nov 2028	10-day classroom	Riyadh	English	8,950
11–15 Dec 2028	5-day classroom	Paris	English	4,750
15–19 Jan 2029	5-day online	Live online	Arabic	2,950
19 Feb – 2 Mar 2029	10-day classroom	Dubai	English	8,950

Dates	Format	City	Language	Fee (USD)
20–24 May 2029	5-day classroom	Riyadh	Arabic	4,750
9–13 Sep 2029	5-day classroom	Manama	English	4,750
11–22 Feb 2030	10-day online	Live online	Arabic	5,450
15–19 Apr 2030	5-day classroom	London	English	4,750
4–8 Nov 2030	5-day classroom	Dubai	English	4,750
2–13 Dec 2030	10-day classroom	Amsterdam	English	8,950

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