Garnet
Garnet Global Training Center

GGT-OT-101

Operators, Technicians & Supervisors

Plant Operator Fundamentals

أساسيات تشغيل المصانع

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

Overview

This course builds a solid base in Plant Operator Fundamentals, starting from first principles and moving quickly to the everyday tasks participants meet at work. Hands-on programs that build safe, competent people at the front line of operations. 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

- Explain the key concepts, terms and standards of Plant Operator Fundamentals.
- Read and use the documents, forms and data common in this field.
- Know when to escalate and who to involve.
- Communicate confidently with specialists and colleagues.
- Plan the next steps in your own learning.

Who should attend

Operators, technicians, foremen, new graduates and first-line supervisors. No prior experience is required; it also suits new hires, graduates and staff moving into this field.

Key topics

- Plant and equipment basics
- Safe work practices
- Reading drawings and procedures
- Tools and measurement
- Shift communication
- Practical assessment

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 Introduction to Plant Operator Fundamentals
- Safe work practices
- Measurement and reporting

Day 2 Core concepts and terminology
- Reading drawings and procedures
- Tools and measurement

Day 3 Basic methods and tools
- Shift communication
- Hands-on workshop on a workplace challenge

Day 4 Working safely and correctly
- Practical assessment
- Common mistakes and how to avoid them

Day 5 Practical exercises and review
- Plant and equipment basics
- Regional and international case studies

10-day outline

Day 1 Introduction to Plant Operator Fundamentals
- Safe work practices
- Measurement and reporting

Day 2 Core concepts and terminology
- Reading drawings and procedures
- Tools and measurement

Day 3 Basic methods and tools
- Shift communication
- Hands-on workshop on a workplace challenge

Day 4 Working safely and correctly
- Practical assessment
- Common mistakes and how to avoid them

Day 5 Practical exercises and review
- Plant and equipment basics
- 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)
1–5 Mar 2027	5-day online	Live online	English	2,950
13–17 Sep 2027	5-day classroom	Dubai	Arabic	4,750
11–22 Oct 2027	10-day classroom	London	English	8,950
8–12 Nov 2027	5-day classroom	Kuala Lumpur	English	4,750
3–14 Jan 2028	10-day classroom	Geneva	English	8,950
15–19 May 2028	5-day classroom	Vienna	English	4,750
13–17 Nov 2028	5-day classroom	Dubai	English	4,750
4–15 Dec 2028	10-day online	Live online	Arabic	5,450
8–12 Jan 2029	5-day classroom	Amsterdam	English	4,750
9–20 Apr 2029	10-day classroom	London	English	8,950

Dates	Format	City	Language	Fee (USD)
11–15 Jun 2029	5-day online	Live online	Arabic	2,950
4–8 Nov 2029	5-day classroom	Amman	Arabic	4,750
6–10 Jan 2030	5-day classroom	Riyadh	English	4,750
3–14 Mar 2030	10-day classroom	Muscat	Arabic	8,950
1–5 Jul 2030	5-day classroom	Dubai	Arabic	4,750
9–20 Dec 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/