Garnet
Garnet Global Training Center

GGT-MT-110

Metrology, Calibration & Testing

Flow Meter Calibration

معايرة عدادات التدفق

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

Overview

Flow Meter Calibration turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Accurate measurement, calibration and laboratory competence for industry and regulators. 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 Flow Meter Calibration to real tasks.
- 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.
- Follow safe, compliant and documented work practices.

Who should attend

Calibration and test lab staff, quality engineers, instrument technicians and lab managers. Practitioners with one to five years of experience benefit most.

Key topics

- Measurement principles
- Traceability and standards
- Uncertainty
- Calibration procedures
- ISO/IEC 17025 requirements
- Proficiency testing

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

WhatsApp: +971 56 674 7382

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 Flow Meter Calibration: principles and standards
- Proficiency testing
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Measurement principles
- Traceability and standards

Day 3 Diagnosis and problem solving
- Uncertainty
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Calibration procedures
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- ISO/IEC 17025 requirements
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Flow Meter Calibration: principles and standards
- Proficiency testing
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Measurement principles
- Traceability and standards

Day 3 Diagnosis and problem solving
- Uncertainty
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Calibration procedures
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- ISO/IEC 17025 requirements
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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 May 2027	5-day classroom	Riyadh	English	4,750
5–9 Jul 2027	5-day online	Live online	English	2,950
19–30 Sep 2027	10-day classroom	Doha	Arabic	8,950
20–24 Dec 2027	5-day classroom	Dubai	Arabic	4,750
2–6 Apr 2028	5-day classroom	Riyadh	English	4,750
10–21 Jul 2028	10-day online	Live online	Arabic	5,450
14–25 Aug 2028	10-day classroom	Dubai	English	8,950
4–8 Dec 2028	5-day classroom	Abu Dhabi	English	4,750
10–14 Jun 2029	5-day classroom	Riyadh	Arabic	4,750
21–25 Oct 2029	5-day classroom	Manama	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
5–9 Nov 2029	5-day online	Live online	English	2,950
3–14 Dec 2029	10-day classroom	Dubai	Arabic	8,950
15–26 Jul 2030	10-day online	Live online	Arabic	5,450
16–27 Sep 2030	10-day classroom	Kuala Lumpur	English	8,950
14–18 Oct 2030	5-day classroom	Paris	English	4,750
1–5 Dec 2030	5-day classroom	Riyadh	English	4,750

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