Garnet
Garnet Global Training Center

GGT-EI-127

Electrical, Instrumentation & Control

Level, Pressure & Temperature Instruments

أجهزة قياس المستوى والضغط والحرارة

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

Overview

Level, Pressure & Temperature Instruments turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Power, protection and automation skills for plants, utilities and smart infrastructure. 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 Level, Pressure & Temperature Instruments 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

Electrical, instrumentation and control engineers, technicians and maintenance leads. Practitioners with one to five years of experience benefit most.

Key topics

- Power system fundamentals and studies
- Protection, earthing and safety
- Control system architecture
- Field devices and loop checking
- IEC and IEEE standards
- Troubleshooting with real fault records

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 Level, Pressure & Temperature Instruments: principles and standards

- Troubleshooting with real fault records
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Power system fundamentals and studies
- Protection, earthing and safety

Day 3 Diagnosis and problem solving

- Control system architecture
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Field devices and loop checking
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- IEC and IEEE standards
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Level, Pressure & Temperature Instruments: principles and standards

- Troubleshooting with real fault records
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Power system fundamentals and studies
- Protection, earthing and safety

Day 3 Diagnosis and problem solving

- Control system architecture
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Field devices and loop checking
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- IEC and IEEE standards
- 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)
18–22 Jan 2027	5-day classroom	London	English	4,750
20–24 Jun 2027	5-day classroom	Doha	Arabic	4,750
9–13 Aug 2027	5-day online	Live online	English	2,950
1–12 Nov 2027	10-day classroom	Casablanca	English	8,950
3–14 Jan 2028	10-day classroom	Dubai	Arabic	8,950
7–18 Feb 2028	10-day online	Live online	English	5,450
9–13 Apr 2028	5-day classroom	Doha	English	4,750
18–22 Sep 2028	5-day classroom	Abu Dhabi	Arabic	4,750
21–25 May 2029	5-day classroom	Dubai	English	4,750

Dates	Format	City	Language	Fee (USD)
1–12 Jul 2029	10-day classroom	Kuwait City	Arabic	8,950
15–19 Oct 2029	5-day online	Live online	Arabic	2,950
17–21 Dec 2029	5-day classroom	Barcelona	English	4,750
14–25 Jan 2030	10-day classroom	Dubai	English	8,950
1–12 Apr 2030	10-day online	Live online	English	5,450
2–6 Sep 2030	5-day classroom	Paris	English	4,750
2–6 Dec 2030	5-day classroom	Kuala Lumpur	English	4,750

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