Garnet
Garnet Global Training Center

GGT-PG-130

Power Generation & Utilities

Underground Cable Fault Location

تحديد أعطال الكابلات الأرضية

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

Overview

Participants in Underground Cable Fault Location practise the methods, tools and standards they need to perform reliably and solve problems on the job. Operation and maintenance of power plants, grids and utility services. 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 Underground Cable Fault Location 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

Power plant engineers, operators, utility planners and grid specialists. Practitioners with one to five years of experience benefit most.

Key topics

- Thermodynamics and plant performance
- Boilers, turbines and generators
- Grid operation and dispatch
- Reliability and outage planning
- Emissions and environmental compliance
- Plant case studies

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 Underground Cable Fault Location: principles and standards

- Thermodynamics and plant performance
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Boilers, turbines and generators
- Grid operation and dispatch

Day 3 Diagnosis and problem solving

- Reliability and outage planning
- Regional and international case studies

Day 4 Quality, safety and documentation

- Emissions and environmental compliance
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Plant case studies
- Group discussion and peer review

10-day outline

Day 1 Underground Cable Fault Location: principles and standards

- Thermodynamics and plant performance
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Boilers, turbines and generators
- Grid operation and dispatch

Day 3 Diagnosis and problem solving

- Reliability and outage planning
- Regional and international case studies

Day 4 Quality, safety and documentation

- Emissions and environmental compliance
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Plant case studies
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Measurement and reporting

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
- Hands-on workshop on a workplace challenge

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)
11–15 Jan 2027	5-day classroom	Amsterdam	English	4,750
12–23 Apr 2027	10-day classroom	Singapore	English	8,950
7–11 Jun 2027	5-day online	Live online	Arabic	2,950
2–6 Aug 2027	5-day classroom	Dubai	Arabic	4,750
2–6 Jul 2028	5-day classroom	Jeddah	English	4,750
4–8 Sep 2028	5-day classroom	Casablanca	Arabic	4,750
12–23 Nov 2028	10-day classroom	Manama	Arabic	8,950
11–22 Dec 2028	10-day online	Live online	Arabic	5,450
5–9 Feb 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
18–22 Mar 2029	5-day classroom	Riyadh	Arabic	4,750
7–18 May 2029	10-day classroom	Singapore	English	8,950
2–6 Sep 2029	5-day classroom	Jeddah	Arabic	4,750
11–22 Feb 2030	10-day online	Live online	English	5,450
15–19 Apr 2030	5-day classroom	London	English	4,750
9–13 Sep 2030	5-day classroom	Dubai	Arabic	4,750
8–19 Dec 2030	10-day classroom	Doha	English	8,950

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