Garnet
Garnet Global Training Center

GGT-CR-122

Corrosion, Coatings & Materials

GRP/GRE Piping Systems

أنظمة أنابيب الألياف الزجاجية GRP/GRE

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

Overview

GRP/GRE Piping Systems focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Understand why materials fail and how to protect assets with the right materials, coatings and cathodic protection. 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 GRP/GRE Piping Systems 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

Corrosion, materials, integrity and coating engineers, inspectors and maintenance staff. Practitioners with one to five years of experience benefit most.

Key topics

- Corrosion mechanisms
- Materials selection
- Coatings and linings
- Cathodic protection
- Monitoring and inspection
- Failure analysis cases

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 GRP/GRE Piping Systems: principles and standards
- Corrosion mechanisms
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Materials selection
- Coatings and linings

Day 3 Diagnosis and problem solving
- Cathodic protection
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Monitoring and inspection
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Failure analysis cases
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 GRP/GRE Piping Systems: principles and standards
- Corrosion mechanisms
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Materials selection
- Coatings and linings

Day 3 Diagnosis and problem solving
- Cathodic protection
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Monitoring and inspection
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Failure analysis cases
- 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)
15–19 Feb 2027	5-day classroom	Kuala Lumpur	English	4,750
19–30 Jul 2027	10-day classroom	Dubai	English	8,950
5–9 Sep 2027	5-day classroom	Riyadh	English	4,750
4–8 Oct 2027	5-day online	Live online	Arabic	2,950
17–28 Jan 2028	10-day online	Live online	English	5,450
7–18 Aug 2028	10-day classroom	Barcelona	English	8,950
18–22 Sep 2028	5-day classroom	London	English	4,750
2–6 Oct 2028	5-day classroom	Abu Dhabi	Arabic	4,750
4–8 Feb 2029	5-day classroom	Riyadh	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
4–8 Jun 2029	5-day classroom	Istanbul	English	4,750
5–16 Aug 2029	10-day classroom	Kuwait City	Arabic	8,950
17–21 Sep 2029	5-day online	Live online	Arabic	2,950
18–22 Feb 2030	5-day classroom	Vienna	English	4,750
4–15 Mar 2030	10-day classroom	Kuala Lumpur	English	8,950
10–21 Jun 2030	10-day online	Live online	English	5,450
16–20 Sep 2030	5-day classroom	Abu Dhabi	Arabic	4,750

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