Garnet
Garnet Global Training Center

GGT-CR-115

Corrosion, Coatings & Materials **Rare specialisation**

Sour Service Materials (NACE MR0175)

مواد الخدمة الحامضية (NACE MR0175)

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

Overview

Sour Service Materials (NACE MR0175) 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 Sour Service Materials (NACE MR0175) 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

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 Sour Service Materials (NACE MR0175): principles and standards

- Materials selection
- Regional and international case studies

Day 2 Methods and tools in practice

- Coatings and linings
- Cathodic protection

Day 3 Diagnosis and problem solving

- Monitoring and inspection
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Failure analysis cases
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- Corrosion mechanisms
- Measurement and reporting

10-day outline

Day 1 Sour Service Materials (NACE MR0175): principles and standards

- Materials selection
- Regional and international case studies

Day 2 Methods and tools in practice

- Coatings and linings
- Cathodic protection

Day 3 Diagnosis and problem solving

- Monitoring and inspection
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Failure analysis cases
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- Corrosion mechanisms
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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	Abu Dhabi	Arabic	4,750
15–26 Feb 2027	10-day classroom	Singapore	English	8,950
14–18 Jun 2027	5-day online	Live online	English	2,950
11–15 Jul 2027	5-day classroom	Riyadh	Arabic	4,750
3–14 Jan 2028	10-day online	Live online	Arabic	5,450
4–15 Jun 2028	10-day classroom	Jeddah	Arabic	8,950
7–11 Aug 2028	5-day classroom	London	English	4,750
10–14 Dec 2028	5-day classroom	Riyadh	English	4,750
1–5 Jan 2029	5-day classroom	Paris	English	4,750

Dates	Format	City	Language	Fee (USD)
7–11 May 2029	5-day online	Live online	English	2,950
20–24 Aug 2029	5-day classroom	Abu Dhabi	Arabic	4,750
3–14 Sep 2029	10-day classroom	Singapore	English	8,950
18–29 Mar 2030	10-day online	Live online	English	5,450
14–25 Apr 2030	10-day classroom	Riyadh	English	8,950
17–21 Jun 2030	5-day classroom	Abu Dhabi	English	4,750
2–6 Dec 2030	5-day classroom	Dubai	English	4,750

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