



Microbiologically Influenced Corrosion (MIC)

Corrosion & Coatings

QGT-COR-109 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Microbiologically Influenced Corrosion (MIC) is an introduction that builds a solid working knowledge in Microbiologically Influenced Corrosion (MIC). It covers the principles, the requirements of AMPP (NACE/SSPC), ISO 15589, ISO 8501 and ISO 12944, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Microbiologically Influenced Corrosion (MIC)
- Apply the relevant requirements of AMPP (NACE/SSPC), ISO 15589, ISO 8501 and ISO 12944
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for corrosion engineers, coating inspectors, CP technicians and integrity teams, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Microbiologically Influenced Corrosion (MIC) fits into daily operations

Day 2: Codes, standards and requirements

What AMPP (NACE/SSPC), ISO 15589, ISO 8501 and ISO 12944 require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
8–12 Mar 2027	Tunis	Classroom	5 days	\$5,500
17–28 May 2027	Frankfurt	Classroom	10 days	\$9,900
24–28 May 2027	Lagos	Classroom	5 days	\$5,500
27 Sep – 8 Oct 2027	Copenhagen	Classroom	10 days	\$9,900
11–15 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Jan 2028	Singapore	Classroom	5 days	\$5,500
3–14 Apr 2028	Casablanca	Classroom	10 days	\$9,900
31 Jul – 4 Aug 2028	Manchester	Classroom	5 days	\$5,500
7–18 Aug 2028	Bangkok	Classroom	10 days	\$9,900
4–8 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
26 Feb – 2 Mar 2029	Abu Dhabi	Classroom	5 days	\$5,500
21 May – 1 Jun 2029	Edinburgh	Classroom	10 days	\$9,900
3–7 Sep 2029	Amsterdam	Classroom	5 days	\$5,500
10–21 Sep 2029	Tbilisi	Classroom	10 days	\$9,900
22–26 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
6–10 May 2030	Budapest	Classroom	5 days	\$5,500
8–19 Jul 2030	London	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2030	Athens	Classroom	5 days	\$5,500
19–30 Aug 2030	Houston	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/microbiologically-influenced-corrosion-mic/>

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