



Oil Analysis & Condition Monitoring

Maintenance & Reliability

QGT-MRE-105 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Oil Analysis & Condition Monitoring is an introduction that builds a solid working knowledge in Oil Analysis & Condition Monitoring. It covers the principles, the requirements of ISO 55001, ISO 14224, SAE JA1011 and SMRP best practice, 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 Oil Analysis & Condition Monitoring
- Apply the relevant requirements of ISO 55001, ISO 14224, SAE JA1011 and SMRP best practice
- 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 maintenance engineers, planners, reliability engineers and supervisors, 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 Oil Analysis & Condition Monitoring fits into daily operations

Day 2: Codes, standards and requirements

What ISO 55001, ISO 14224, SAE JA1011 and SMRP best practice 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 Feb 2027	Marrakech	Classroom	5 days	\$5,500
15–26 Mar 2027	Frankfurt	Classroom	10 days	\$9,900
12–16 Apr 2027	Abu Dhabi	Classroom	5 days	\$5,500
31 May – 11 Jun 2027	Edinburgh	Classroom	10 days	\$9,900
12–16 Jul 2027	Online (live)	Online (live)	5 days	\$3,000
21–25 May 2028	Manama	Classroom	5 days	\$5,500
29 May – 9 Jun 2028	Dublin	Classroom	10 days	\$9,900
26–30 Jun 2028	Luanda	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Nairobi	Classroom	10 days	\$9,900
27 Nov – 1 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Feb 2029	Luanda	Classroom	5 days	\$5,500
2–13 Jul 2029	Frankfurt	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Lisbon	Classroom	5 days	\$5,500
6–17 Aug 2029	Berlin	Classroom	10 days	\$9,900
3–7 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2030	Edinburgh	Classroom	5 days	\$5,500
18–29 Mar 2030	Munich	Classroom	10 days	\$9,900
20–24 May 2030	Lisbon	Classroom	5 days	\$5,500
3–14 Jun 2030	Stockholm	Classroom	10 days	\$9,900
26–30 Aug 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/oil-analysis-and-condition-monitoring/>

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