



Thermography for Condition Monitoring

Maintenance & Reliability

QGT-MRE-117 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Thermography for Condition Monitoring is an introduction that builds a solid working knowledge in Thermography for 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 Thermography for 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 Thermography for 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
22–26 Mar 2027	Accra	Classroom	5 days	\$5,500
31 May – 11 Jun 2027	Geneva	Classroom	10 days	\$9,900
2–6 Aug 2027	Rome	Classroom	5 days	\$5,500
16–27 Aug 2027	Casablanca	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Paris	Classroom	5 days	\$5,500
13–24 Mar 2028	Milan	Classroom	10 days	\$9,900
14–18 May 2028	Algiers	Classroom	5 days	\$5,500
3–14 Sep 2028	Riyadh	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Feb 2029	Baku	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	Zurich	Classroom	10 days	\$9,900
23–27 Jul 2029	Stockholm	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2029	Singapore	Classroom	10 days	\$9,900
3–7 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
20–24 Jan 2030	Cairo	Classroom	5 days	\$5,500
18–29 Mar 2030	Bangkok	Classroom	10 days	\$9,900
15–19 Jul 2030	Cape Town	Classroom	5 days	\$5,500
21 Jul – 1 Aug 2030	Alexandria	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/thermography-for-condition-monitoring/>

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