



Precision Maintenance Practices

Maintenance & Reliability

QGT-MRE-121 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Precision Maintenance Practices is an introduction that builds a solid working knowledge in Precision Maintenance Practices. 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 Precision Maintenance Practices
- 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 Precision Maintenance Practices 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
15–19 Feb 2027	Madrid	Classroom	5 days	\$5,500
1–12 Mar 2027	Copenhagen	Classroom	10 days	\$9,900
11–15 Apr 2027	Kuwait City	Classroom	5 days	\$5,500
17–28 May 2027	Cape Town	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
27–31 Mar 2028	Amsterdam	Classroom	5 days	\$5,500
17–28 Apr 2028	Kigali	Classroom	10 days	\$9,900
3–7 Jul 2028	Baku	Classroom	5 days	\$5,500
25 Sep – 6 Oct 2028	Edinburgh	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2029	Muscat	Classroom	5 days	\$5,500
11–22 Mar 2029	Riyadh	Classroom	10 days	\$9,900
2–6 Jul 2029	Marrakech	Classroom	5 days	\$5,500
4–15 Nov 2029	Manama	Classroom	10 days	\$9,900
26–30 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Feb 2030	Prague	Classroom	5 days	\$5,500
5–16 Aug 2030	Luanda	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Budapest	Classroom	5 days	\$5,500
18–29 Nov 2030	Rome	Classroom	10 days	\$9,900
25–29 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/precision-maintenance-practices/>

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