



Vibration Analysis: Practical Workshop

Maintenance & Reliability

QGT-MRE-148 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Vibration Analysis: Practical Workshop is a hands-on workshop built around exercises and real site problems in Vibration Analysis. 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 Vibration Analysis
- 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 who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Vibration Analysis scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
1–5 Feb 2027	Beirut	Classroom	5 days	\$5,500
23 May – 3 Jun 2027	Amman	Classroom	10 days	\$9,900
18–22 Jul 2027	Alexandria	Classroom	5 days	\$5,500
23 Aug – 3 Sep 2027	Tunis	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
9–13 Jan 2028	Dammam	Classroom	5 days	\$5,500
14–25 Feb 2028	London	Classroom	10 days	\$9,900
29 May – 2 Jun 2028	Houston	Classroom	5 days	\$5,500
9–20 Oct 2028	Prague	Classroom	10 days	\$9,900
30 Oct – 3 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
9–13 Apr 2029	Abu Dhabi	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2029	Cape Town	Classroom	10 days	\$9,900
6–10 Aug 2029	Manchester	Classroom	5 days	\$5,500
24 Sep – 5 Oct 2029	Barcelona	Classroom	10 days	\$9,900
22–26 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
25 Feb – 1 Mar 2030	Zurich	Classroom	5 days	\$5,500
27 May – 7 Jun 2030	Milan	Classroom	10 days	\$9,900
23–27 Jun 2030	Cairo	Classroom	5 days	\$5,500
22 Jul – 2 Aug 2030	Rome	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/vibration-analysis-practical-workshop/>

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