



Shaft Alignment & Balancing

Mechanical & Rotating Equipment

QGT-MEC-108 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Shaft Alignment & Balancing is an introduction that builds a solid working knowledge in Shaft Alignment & Balancing. It covers the principles, the requirements of API 610/617/618, ASME and ISO standards, 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 Shaft Alignment & Balancing
- Apply the relevant requirements of API 610/617/618, ASME and ISO standards
- 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 mechanical engineers, technicians, supervisors and maintenance staff, 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 Shaft Alignment & Balancing fits into daily operations

Day 2: Codes, standards and requirements

What API 610/617/618, ASME and ISO standards 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
31 May – 4 Jun 2027	Casablanca	Classroom	5 days	\$5,500
21 Jun – 2 Jul 2027	Milan	Classroom	10 days	\$9,900
28 Jun – 2 Jul 2027	Brussels	Classroom	5 days	\$5,500
4–15 Jul 2027	Sharm El Sheikh	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
1–5 May 2028	Nairobi	Classroom	5 days	\$5,500
31 Jul – 11 Aug 2028	Lagos	Classroom	10 days	\$9,900
23–27 Oct 2028	Paris	Classroom	5 days	\$5,500
6–17 Nov 2028	London	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
11–15 Feb 2029	Doha	Classroom	5 days	\$5,500
15–26 Apr 2029	Sharm El Sheikh	Classroom	10 days	\$9,900
28 May – 1 Jun 2029	Stockholm	Classroom	5 days	\$5,500
6–17 Aug 2029	Tbilisi	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
18–22 Feb 2030	Milan	Classroom	5 days	\$5,500
6–17 May 2030	Istanbul	Classroom	10 days	\$9,900
15–19 Jul 2030	Accra	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Beirut	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/shaft-alignment-and-balancing/>

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