



Cooling Water Systems: Practical Workshop

Process & Chemical Engineering

QGT-PRC-157 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Cooling Water Systems: Practical Workshop is a hands-on workshop built around exercises and real site problems in Cooling Water Systems. It covers the principles, the requirements of API, AIChE/CCPS guidelines and licensor 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 Cooling Water Systems
- Apply the relevant requirements of API, AIChE/CCPS guidelines and licensor 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 process engineers, chemical engineers, operators and laboratory staff 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 Cooling Water Systems 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
28 Feb – 4 Mar 2027	Alexandria	Classroom	5 days	\$5,500
31 May – 11 Jun 2027	Prague	Classroom	10 days	\$9,900
7–11 Jun 2027	Manchester	Classroom	5 days	\$5,500
20 Jun – 1 Jul 2027	Algiers	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
22–26 May 2028	Singapore	Classroom	5 days	\$5,500
18–29 Jun 2028	Amman	Classroom	10 days	\$9,900
10–14 Sep 2028	Cairo	Classroom	5 days	\$5,500
23 Oct – 3 Nov 2028	Tunis	Classroom	10 days	\$9,900
27 Nov – 1 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Houston	Classroom	5 days	\$5,500
14–25 May 2029	Luanda	Classroom	10 days	\$9,900
27–31 May 2029	Doha	Classroom	5 days	\$5,500
19–30 Aug 2029	Dammam	Classroom	10 days	\$9,900
3–7 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	Abu Dhabi	Classroom	5 days	\$5,500
29 Apr – 10 May 2030	Johannesburg	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2030	Casablanca	Classroom	5 days	\$5,500
11–22 Aug 2030	Al Khobar	Classroom	10 days	\$9,900
16–20 Sep 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/cooling-water-systems-practical-workshop/>

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