



Process Safety Management (PSM): Advanced Level

HSE & Process Safety

QGT-HSE-127 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Process Safety Management (PSM): Advanced Level is an advanced programme for experienced practitioners in Process Safety Management (PSM). It covers the principles, the requirements of OSHA, ISO 45001, CCPS, IEC 61882 and NFPA, 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 Process Safety Management (PSM)
- Apply the relevant requirements of OSHA, ISO 45001, CCPS, IEC 61882 and NFPA
- Apply advanced analysis methods to real operating data
- 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 HSE professionals, supervisors, engineers and managers with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in OSHA, ISO 45001, CCPS, IEC 61882 and NFPA

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
5–16 Apr 2027	Singapore	Classroom	10 days	\$9,900
11–15 Jul 2027	Doha	Classroom	5 days	\$5,500
19–30 Sep 2027	Algiers	Classroom	10 days	\$9,900
4–8 Oct 2027	Berlin	Classroom	5 days	\$5,500
1–12 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
14–25 Feb 2028	Dublin	Classroom	10 days	\$9,900
26–30 Jun 2028	Johannesburg	Classroom	5 days	\$5,500
14–25 Aug 2028	Abu Dhabi	Classroom	10 days	\$9,900
11–15 Sep 2028	Frankfurt	Classroom	5 days	\$5,500
6–17 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
4–15 Jun 2029	Beirut	Classroom	10 days	\$9,900
10–14 Sep 2029	Budapest	Classroom	5 days	\$5,500
15–26 Oct 2029	Lagos	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2029	Amman	Classroom	5 days	\$5,500
12–23 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
8–19 Apr 2030	Rome	Classroom	10 days	\$9,900
13–17 May 2030	Tunis	Classroom	5 days	\$5,500
3–14 Jun 2030	Houston	Classroom	10 days	\$9,900
21–25 Oct 2030	Prague	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/process-safety-management-psm-advanced-level/>

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