



Green Hydrogen Technologies: Advanced Level

Energy, Power & Renewables

QGT-ENR-128 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Green Hydrogen Technologies: Advanced Level is an advanced programme for experienced practitioners in Green Hydrogen Technologies. It covers the principles, the requirements of IEC, ISO 50001, GHG Protocol and IEA guidance, 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 Green Hydrogen Technologies
- Apply the relevant requirements of IEC, ISO 50001, GHG Protocol and IEA guidance
- 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 power plant staff, energy managers, sustainability teams and engineers with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in IEC, ISO 50001, GHG Protocol and IEA guidance

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
12–23 Apr 2027	Luanda	Classroom	10 days	\$9,900
17–21 May 2027	London	Classroom	5 days	\$5,500
23 Aug – 3 Sep 2027	Bangkok	Classroom	10 days	\$9,900
8–12 Nov 2027	Milan	Classroom	5 days	\$5,500
6–17 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
23 Apr – 4 May 2028	Cairo	Classroom	10 days	\$9,900
21–25 Aug 2028	Tbilisi	Classroom	5 days	\$5,500
2–13 Oct 2028	Dubai	Classroom	10 days	\$9,900
6–10 Nov 2028	Brussels	Classroom	5 days	\$5,500
27 Nov – 8 Dec 2028	Online (live)	Online (live)	10 days	\$5,500
12–23 Mar 2029	Berlin	Classroom	10 days	\$9,900
23–27 Apr 2029	Frankfurt	Classroom	5 days	\$5,500
4–15 Jun 2029	Accra	Classroom	10 days	\$9,900
24–28 Sep 2029	Geneva	Classroom	5 days	\$5,500
5–16 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
7–18 Jan 2030	Baku	Classroom	10 days	\$9,900
1–5 Apr 2030	Toronto	Classroom	5 days	\$5,500
10–21 Jun 2030	Cape Town	Classroom	10 days	\$9,900
4–8 Aug 2030	Erbil	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/green-hydrogen-technologies-advanced-level/>

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