

PROJECT MANAGEMENT | COURSE BROCHURE

Quality Management on Capital Projects

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

Quality failures on capital projects lead to rework, delays, safety incidents and long-term operating problems. This course covers project quality planning, quality requirements in contracts, inspection and test plans, supplier and fabrication surveillance, non-conformance management, quality audits and handover documentation.

Fixing defects after construction costs many times more than preventing them. You will learn how to build quality into capital projects from the start.

Professional Problems This Course Is Designed to Solve

• Difficulty translating subject knowledge into practical workplace decisions.
• Inconsistent approaches to the activities covered in the course outline.
• Lack of a structured plan for applying and reviewing new skills.

Course methodology

Case studies from construction and process industries, ITP development workshops, audit simulations and document review exercises.

Course objectives

By the end of this course, participants will be able to:
• Develop project quality plans
• Translate requirements into quality criteria
• Prepare and use inspection and test plans
• Oversee supplier and fabrication quality
• Manage non-conformances and corrective actions
• Prepare complete quality records for handover

Target audience

This course is suitable for:
• Project quality managers and engineers
• Project managers
• Construction and EPC engineers
• Supplier quality inspectors
• Owner's representatives



Course content

Target competencies

Participants will develop competencies in:

- Quality planning
- Inspection management
- Supplier surveillance
- Non-conformance control
- Documentation

Course outline

Day 1: Project Quality Fundamentals

09:00–10:08	Quality on capital projects
10:08–11:00	Cost of poor quality
11:00–11:30	**Coffee break**
11:30–11:45	Cost of poor quality (continued)
11:45–12:53	Roles and responsibilities
12:53–14:00	Case study

Day 2: Quality Planning

09:00–10:08	Project quality plans
10:08–11:00	Contract quality requirements
11:00–11:30	**Coffee break**
11:30–11:45	Contract quality requirements (continued)
11:45–12:53	Codes and standards
12:53–14:00	Workshop

Day 3: Inspection and Testing

09:00–10:08	Inspection and test plans
10:08–11:00	Hold and witness points
11:00–11:30	**Coffee break**



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11:30–11:45	Hold and witness points (continued)
11:45–12:53	Factory acceptance tests
12:53–14:00	Exercise: ITP

Day 4: Supplier Quality and NCRs

09:00–10:08	Vendor surveillance
10:08–11:00	Non-conformance reports
11:00–11:30	**Coffee break**
11:30–11:45	Non-conformance reports (continued)
11:45–12:53	Corrective actions
12:53–14:00	Simulation

Day 5: Audits and Handover

09:00–10:08	Quality audits
10:08–11:00	Turnover documentation
11:00–11:30	**Coffee break**
11:30–11:45	Turnover documentation (continued)
11:45–12:53	Lessons learned
12:53–14:00	Action plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.



Course content

Dates, venues and fees

Current published course plans. Fees are per participant in GBP, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (GBP)
London Confirmed dates	16 Nov 2026	20 Nov 2026	**£2,450.–**
Online Confirmed dates	16 Nov 2026	20 Nov 2026	**£1,250.–**
Rome Confirmed dates	7 Dec 2026	11 Dec 2026	**£2,450.–**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**£1,250.–**
Dubai Confirmed dates	11 Jan 2027	15 Jan 2027	**£3,150.–**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**£1,250.–**
Cape Town Confirmed dates	1 Feb 2027	5 Feb 2027	**£1,890.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**£1,250.–**
Frankfurt Confirmed dates	22 Feb 2027	26 Feb 2027	**£2,650.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	22 Feb 2027	26 Feb 2027	**£1,250.–**
Rome Confirmed dates	8 Mar 2027	12 Mar 2027	**£2,450.–**
Online Confirmed dates	8 Mar 2027	12 Mar 2027	**£1,250.–**
Cape Town Confirmed dates	29 Mar 2027	2 Apr 2027	**£1,890.–**
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**£1,250.–**
London Confirmed dates	19 Apr 2027	23 Apr 2027	**£2,450.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**£1,250.–**
Vienna Confirmed dates	10 May 2027	14 May 2027	**£2,940.–**
Online Confirmed dates	10 May 2027	14 May 2027	**£1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Istanbul Confirmed dates	31 May 2027	4 Jun 2027	**£2,650.-**
Online Confirmed dates	31 May 2027	4 Jun 2027	**£1,250.-**
Kuala Lumpur Confirmed dates	14 Jun 2027	18 Jun 2027	**£1,450.-**
Online Confirmed dates	14 Jun 2027	18 Jun 2027	**£1,250.-**
Dubai Confirmed dates	5 Jul 2027	9 Jul 2027	**£3,150.-**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**£1,250.-**
Paris Confirmed dates	26 Jul 2027	30 Jul 2027	**£2,860.-**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**£1,250.-**
Vienna Confirmed dates	16 Aug 2027	20 Aug 2027	**£2,940.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**£1,250.-**
Amsterdam Confirmed dates	6 Sept 2027	10 Sept 2027	**£2,540.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**£1,250.-**
Barcelona Confirmed dates	20 Sept 2027	24 Sept 2027	**£2,840.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**£1,250.-**
Cape Town Confirmed dates	11 Oct 2027	15 Oct 2027	**£1,890.-**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**£1,250.-**
Rome Confirmed dates	1 Nov 2027	5 Nov 2027	**£2,450.-**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**£1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Dubai Confirmed dates	22 Nov 2027	26 Nov 2027	**£3,150.-**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**£1,250.-**
Barcelona Confirmed dates	13 Dec 2027	17 Dec 2027	**£2,840.-**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**£1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon UK certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

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View the latest course details online