

PROJECT MANAGEMENT | COURSE BROCHURE

# Quality Management on Capital Projects

5 days | Classroom training | English

**SMART HORIZON**

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The Netherlands

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https://smart-horizon.eu



# 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** |



# Course content

| | |
|---|---|
| **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 EUR, excluding unconfirmed taxes.

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



# Course content

## Dates, venues and fees (continued)

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



# Course content

## Dates, venues and fees (continued)

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



# Course content

## Dates, venues and fees (continued)

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



# Course content

## Dates, venues and fees (continued)

| Venue | Start date | End date | Fee (EUR) |
|---|---|---|---|
| Dubai<br>Confirmed dates | 22 Nov 2027 | 26 Nov 2027 | **€3,150.-** |
| Online<br>Confirmed dates | 22 Nov 2027 | 26 Nov 2027 | **€1,250.-** |
| Barcelona<br>Confirmed dates | 13 Dec 2027 | 17 Dec 2027 | **€2,840.-** |
| Online<br>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 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