

QUALITY & OPERATIONAL EXCELLENCE | COURSE BROCHURE

Inspection and Test Plans for Construction

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

Inspection and test plans define how construction quality will be verified at each stage. This course covers developing ITPs: identifying activities and quality requirements, codes and specifications, hold, witness and review points, acceptance criteria, records, coordination with contractors and supervising inspections on site.

Without clear ITPs, defects are found too late to fix economically. You will learn to plan inspections that build quality in.

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

ITP drafting exercises for typical construction activities, case studies and site inspection scenarios.

Course objectives

By the end of this course, participants will be able to:
• Explain the role of ITPs in construction quality
• Identify inspection activities from specifications
• Define hold, witness and review points
• Set acceptance criteria and records
• Coordinate ITPs with contractors and consultants
• Supervise inspections and manage nonconformities

Target audience

This course is suitable for:
• Construction quality engineers
• Site engineers and supervisors
• Consultants and resident engineers
• Contractors' QA/QC staff
• Project managers



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Target competencies

Participants will develop competencies in:
- ITP development
- Specification interpretation
- Inspection planning
- Coordination
- Nonconformance handling

Course outline

Day 1: Construction Quality

09:00–10:08	Quality planning
10:08–11:00	Roles
11:00–11:30	**Coffee break**
11:30–11:45	Roles (continued)
11:45–12:53	Costs of defects
12:53–14:00	Exercise

Day 2: Developing ITPs

09:00–10:08	Activity breakdown
10:08–11:00	Specifications and codes
11:00–11:30	**Coffee break**
11:30–11:45	Specifications and codes (continued)
11:45–12:53	ITP format
12:53–14:00	Workshop

Day 3: Inspection Points

09:00–10:08	Hold and witness points
10:08–11:00	Acceptance criteria
11:00–11:30	**Coffee break**



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11:30–11:45	Acceptance criteria (continued)
11:45–12:53	Records
12:53–14:00	Exercise

Day 4: Coordination

09:00–10:08	Contractor ITPs
10:08–11:00	Approvals
11:00–11:30	**Coffee break**
11:30–11:45	Approvals (continued)
11:45–12:53	Inspection requests
12:53–14:00	Case study

Day 5: On Site

09:00–10:08	Supervising inspections
10:08–11:00	Nonconformities
11:00–11:30	**Coffee break**
11:30–11:45	Nonconformities (continued)
11:45–12:53	Handover records
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)
Istanbul Confirmed dates	16 Nov 2026	20 Nov 2026	**€2,650.-**
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.-**
Vienna Confirmed dates	4 Jan 2027	8 Jan 2027	**€2,940.-**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**€1,250.-**
Kuala Lumpur Confirmed dates	25 Jan 2027	29 Jan 2027	**€1,450.-**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**€1,250.-**
Amsterdam Confirmed dates	15 Feb 2027	19 Feb 2027	**€2,540.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**€1,250.–**
Barcelona Confirmed dates	8 Mar 2027	12 Mar 2027	**€2,840.–**
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.–**
Dubai Confirmed dates	12 Apr 2027	16 Apr 2027	**€3,150.–**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**€1,250.–**
Rome Confirmed dates	3 May 2027	7 May 2027	**€2,450.–**
Online Confirmed dates	3 May 2027	7 May 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Cape Town Confirmed dates	24 May 2027	28 May 2027	**€1,890.–**
Online Confirmed dates	24 May 2027	28 May 2027	**€1,250.–**
Dubai Confirmed dates	14 Jun 2027	18 Jun 2027	**€3,150.–**
Online Confirmed dates	14 Jun 2027	18 Jun 2027	**€1,250.–**
London Confirmed dates	5 Jul 2027	9 Jul 2027	**€2,450.–**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,250.–**
Barcelona Confirmed dates	19 Jul 2027	23 Jul 2027	**€2,840.–**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**€1,250.–**
Dubai Confirmed dates	9 Aug 2027	13 Aug 2027	**€3,150.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**€1,250.-**
Paris Confirmed dates	30 Aug 2027	3 Sept 2027	**€2,860.-**
Online Confirmed dates	30 Aug 2027	3 Sept 2027	**€1,250.-**
Cape Town Confirmed dates	20 Sept 2027	24 Sept 2027	**€1,890.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**€1,250.-**
Vienna Confirmed dates	11 Oct 2027	15 Oct 2027	**€2,940.-**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**€1,250.-**
Frankfurt Confirmed dates	25 Oct 2027	29 Oct 2027	**€2,650.-**
Online Confirmed dates	25 Oct 2027	29 Oct 2027	**€1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
London Confirmed dates	15 Nov 2027	19 Nov 2027	**€2,450.-**
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**€1,250.-**
Rome Confirmed dates	6 Dec 2027	10 Dec 2027	**€2,450.-**
Online Confirmed dates	6 Dec 2027	10 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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