ISO 45001 Internal Auditor Training for Construction

Service Objectives

Delivered by NPM, this construction-focused programme builds practical internal auditing capability that reflects the realities of UAE construction projects.

- Translate ISO 45001 clauses into field-ready audit checklists for PTW, lifting plans, method statements, LOTO, scaffold tagging, hot work, energy isolation, and excavations.
- Plan and scope risk-based audits aligned to high-risk construction activities and project phases.
- Conduct effective worker/supervisor interviews and site observations across multilingual crews to verify control effectiveness.
- Collect objective evidence, map findings to clauses and project procedures, and grade by severity and likelihood.
- Apply root-cause analysis (5-Whys, fishbone, task analysis) to drive corrective and preventive actions that sustain improvement.
- Produce clear, action-oriented reports and follow-up to demonstrate continual improvement and certification readiness.

> Aligned with OSHAD Abu Dhabi, Dubai Municipality, MOHRE, and Civil Defence expectations; tailored to dynamic workfronts such as scaffolding, lifting operations, hot work, work at height, confined spaces, temporary electrical, and contractor interfaces.

Who This Service Is For

- HSE managers, site EHS officers, site engineers, package managers, QA/QC inspectors, and project controls leads.
- EPC contractors, main contractors, and specialised trades (scaffolding, MEP, steel erection, tunnelling, piling, cranes and lifting, temporary works, painting and blasting).
- Developer/asset-owner representative teams and PMC/consultant staff overseeing multiple contractors seeking standardised oversight.
- Corporate OHSMS coordinators managing multi-project certification with multilingual crews, rotating shifts, and access constraints.
- Organisations preparing for certification or surveillance audits that need early surfacing of systemic issues and prioritised CAPA.

Duration & Process Overview

- Standard duration: 2 days (16 hours). Optional 3-day format for complex, multi-contractor projects or deeper simulations.

- Delivery: on-site (with controlled field-walks where feasible), virtual instructor-led, or hybrid to suit shifts and access rules.
- Optimal class size: 8–16 participants; includes interview role-plays, evidence evaluation, and simulated site observations.
- Pre-training scoping with your permits, method statements, and risk assessments; materials include checklist packs, evidence templates, and a model findings register.

Methodology

Phase	Objective / What It Covers	Deliverable
ISO 45001 in Construction Context	Clause intent, risk-based thinking, leadership and worker participation tailored to construction.	Clause-to-control mapping for key site risks.
Audit Planning & Risk Prioritisation	Scope, sampling, legal registers, and interface risks (e.g., lifting near traffic, excavation near utilities).	Risk-based audit plan and tailored checklist set.
Conducting Site Audits	Interviews across languages, PTW verification, observation techniques, safe site-walk practice.	Simulated site-walk outputs and evidence pack.
Nonconformities, RCA & Reporting	Grading by severity/likelihood, 5-Whys and fishbone, CAPA quality, tracking and follow-up.	Drafted nonconformities with root causes and CAPA.
Contractor & Subcontractor Oversight	Prequalification, mobilisation, induction, supervision, and monitoring for multi-tier models.	Supplier audit/evaluation scenario and tools.
Assessment & Certification	Knowledge check, interview/evidence exercises, observation assessment with feedback.	Certificate of Completion (course title, outcomes, hours, delegate name).

ISO 45001 in Construction Context

- Focus on clause intent and how it translates to real site controls.

Audit Planning & Risk Prioritisation

- Prioritise high-risk tasks and interfaces; create sampling and checklist sets.

Conducting Site Audits

- Interview, observe, and verify PTW controls effectively and safely.

Nonconformities, RCA & Reporting

- Write graded findings with clear root causes and actionable CAPA.

Contractor & Subcontractor Oversight

- Evaluate subcontractor OHSMS alignment from prequalification to monitoring.

Assessment & Certification

- Practical assessments and feedback leading to a Certificate of Completion.