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COURSE BROCHURE

Environmental Audit and Site Inspection Training Course

5 – 9 July 2027
Singapore

Environmental Audit and Site Inspection Training Course

Ref: 549_20319 **Date:** 5 – 9 July 2027 **Location:** Singapore **Fees:** 9300 GBP

Environmental Audit and Site Inspection is a 1-week training course for environmental officers, HSE coordinators and internal auditors who check how sites handle emissions, effluent, waste and chemicals, and who leave with a Site Environmental Audit Report Pack. Lenders, customers and permit holders now expect evidence of control rather than assurances. Jupiter Prime Training runs this course for staff who plan and carry out environmental audits on site.

Why Environmental Audit and Site Inspection Matters Now

Three groups shape environmental audit and site inspection today: permitting authorities that expect operators to show records behind every discharge, customers and lenders who ask suppliers for audit evidence, and site managers who need early warning of spills, leaks and poor waste storage. A site with honest, evidence-based audits finds weaknesses before an incident does; one that relies on paper checks meets them through complaints and clean-up costs. The course rests on the audit principles and process of ISO 19011, guidelines for auditing management systems, and on the environmental management system model of ISO 14001.

Who Gains Most from Environmental Audit and Site Inspection

- Officers who inspect effluent, emissions and waste areas against permits
- Coordinators who keep environmental records, registers and monitoring logs
- Internal auditors who add environmental checks to site audit schedules
- Supervisors who host auditors and close actions in their areas
- Contractor leads answering for waste and chemicals on shared sites

A site sending an officer, an internal auditor and an area supervisor together gains most, sharing one method for evidence and findings.

Environmental Audit and Site Inspection Capabilities

Participants move from generic checklists to audits with a defined scope, sampled evidence and accepted findings.

- Distinguish compliance, system and due diligence audits — choosing the audit for each request
- Design an audit plan with scope, criteria and sampling — lead auditors and site hosts
- Apply site inspection routes for drains, bunds, stacks and waste stores — area supervisors
- Test monitoring and sampling records against permit limits — environmental coordinators
- Write graded findings and corrective action plans — managers who own the actions

Key Environmental Audit and Site Inspection Terms

- Audit criteria — the permit conditions, legal requirements and procedures that audit evidence is compared against.
- Audit evidence — records, statements and observations that can be verified and relate to the audit criteria.
- Nonconformity — the failure to meet a stated requirement, recorded with its evidence and the requirement breached.
- Secondary containment — a bund or tray that holds leaks from tanks, drums or pipework away from soil and drains.
- Chain of custody — the signed record showing who collected, held and delivered a sample to the laboratory.
- Corrective action — a step that removes the cause of a finding so the same problem does not recur.

Environmental Audit and Site Inspection Day by Day

Day 1: Audit Types and Their Purpose

- Compliance, System and Due Diligence Audits — Matching the Audit to Its Purpose
- ISO 19011 Audit Principles — Keeping Audits Fair, Independent and Evidence-Based
- Permit Conditions and Legal Registers — Setting the Audit Criteria
- Environmental Aspects of Site Activities — Finding Where Risk Sits
- Auditor Roles and Competence — Assigning the Audit Team

Day 2: Planning and Scoping the Audit

- Audit Scope and Boundaries — Deciding Which Areas and Processes to Cover
- Risk-Based Audit Sampling — Choosing Records and Areas to Test
- Audit Plan and Timetable — Agreeing Logistics With Site Hosts
- Desk Review of Documents — Spotting Gaps Before the Site Visit
- Audit Checklists and Protocols — Building Questions From the Criteria

Day 3: Site Inspection in Practice

- Opening Meeting — Confirming Scope, Contacts and Safety Rules
- Drainage and Effluent Walk-Through — Tracing Discharge Points and Interceptors
- Bunds, Tanks and Chemical Stores — Checking Containment and Labelling
- Waste Storage and Transfer Notes — Verifying Segregation and Collection Records
- Air Emission Sources and Stacks — Checking Abatement Units and Monitoring Ports

Day 4: Records, Interviews and Evidence

- Monitoring and Sampling Records Review — Comparing Results With Permit Limits
- Laboratory Reports and Chain of Custody — Judging Data Reliability
- Interviewing Operators and Contractors — Asking Open, Neutral Questions
- Photographs and Field Notes — Recording Objective Audit Evidence
- Grading Findings by Significance — Separating Nonconformities From Observations

Day 5: Practising the Site Environmental Audit Report Pack

- Applying the Audit Plan to a Case Site — Setting Scope and Sampling
- Applying Inspection Routes — Recording Evidence Area by Area
- Closing Meeting Rehearsal — Presenting Findings to Site Owners
- Corrective Action Plans — Agreeing Root Causes, Owners and Follow-Up Checks
- Site Environmental Audit Report Pack — Finalising Findings, Evidence Log and Actions

Applying Environmental Audit and Site Inspection After the Course

- Lead a scoped environmental audit of one site area with a written plan, an inspection route and sampled monitoring records.
- Review open environmental findings with their owners and turn each into a corrective action with a root cause.

Environmental Audit and Site Inspection Questions FAQ

What is environmental audit and site inspection and why does it matter now?

Environmental audit and site inspection is the planned, evidence-based check of how a site controls effluent, emissions, waste and chemicals. It matters now because regulators, lenders and customers increasingly ask for verified records rather than assurances.

Which roles gain most from environmental audit and site inspection training?

Environmental officers, HSE coordinators and internal auditors gain most from environmental audit and site inspection training.

How does environmental audit and site inspection differ from an ISO 14001 lead auditor course?

Environmental audit and site inspection focuses on site conditions, records and permit compliance at a core level. An ISO 14001 lead auditor course centres on certification audits of the whole management system against each clause.

What do you bring back from environmental audit and site inspection training?

You bring back a Site Environmental Audit Report Pack. It holds an audit plan, inspection routes, an evidence log and corrective action plans.

Environmental Audit and Site Inspection: The Way Forward

The Site Environmental Audit Report Pack first informs which areas and records the next audit samples. Officers, internal auditors and supervisors use it to share one standard of evidence. After the first audit, revisit the sampling and grading against what the site actually closed, at a utility works or a manufacturing plant alike.