

Course No. 1965

HSE Auditing, Inspection & Performance Improvement Training Course

HEALTH, SAFETY & ENVIRONMENT MANAGEMENT
HEALTH, SAFETY, ENVIRONMENT & SUSTAINABILITY

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The HSE Auditing, Inspection & Performance Improvement Training Course provides a comprehensive and practical framework for evaluating, monitoring, and improving organizational Health, Safety and Environmental performance. The course focuses on how effective auditing and inspection programs can identify weaknesses, verify compliance, strengthen operational controls, and support a proactive HSE culture.

Participants will explore the principles of HSE auditing and inspection, including audit planning, scope definition, criteria, evidence collection, interviewing techniques, workplace inspections, risk-based approaches, findings classification, reporting, and follow-up. The program emphasizes the difference between auditing and inspection and demonstrates how both activities can be integrated into a broader HSE assurance framework.

The course also addresses performance measurement and improvement through leading and lagging indicators, HSE performance trends, root cause analysis, corrective and preventive actions, management review, and continuous improvement. Participants will learn how to move beyond identifying nonconformities toward understanding systemic causes and improving the effectiveness of HSE controls.

Through practical exercises, workplace scenarios, audit simulations, inspection case studies, and performance analysis, participants will develop the capability to conduct structured HSE audits and inspections, communicate findings effectively, evaluate corrective actions, and contribute to measurable improvements in organizational HSE performance.

Objectives

- By the end of the course, participants will be able to:
- Explain the principles, purposes, and objectives of HSE auditing and inspection.
- Distinguish between HSE audits, inspections, reviews, and assurance activities.
- Develop risk-based HSE audit and inspection programs.
- Define audit scope, objectives, criteria, responsibilities, and evidence requirements.
- Apply systematic techniques for collecting and evaluating objective evidence.

- Conduct effective interviews and workplace observations during HSE audits.
- Identify unsafe conditions, unsafe acts, system weaknesses, and compliance gaps.
- Evaluate the effectiveness of HSE policies, procedures, controls, and operational practices.
- Classify and communicate audit and inspection findings according to their significance.
- Analyze HSE performance using leading and lagging indicators.
- Apply root cause analysis to significant findings, incidents, and recurring deficiencies.
- Evaluate the quality and effectiveness of corrective and preventive actions.
- Develop practical HSE performance improvement initiatives.
- Strengthen management reporting and communication of HSE performance.
- Establish effective follow-up mechanisms for audit findings and improvement actions.
- Integrate auditing, inspection, performance measurement, and continual improvement into an effective HSE assurance framework.

Who Should Attend

This course is designed for HSE managers, health and safety professionals, environmental specialists, HSE auditors, inspectors, compliance officers, risk professionals, and personnel responsible for monitoring and improving occupational health, safety, and environmental performance.

It is also suitable for operations managers, department heads, project managers, maintenance and engineering professionals, supervisors, facility managers, quality professionals, internal auditors, contractors' management teams, and professionals involved in operational assurance, regulatory compliance, risk management, and continuous improvement.

The program is particularly relevant to organizations operating in oil and gas, petrochemicals, energy, utilities, construction, manufacturing, engineering, transportation, logistics, mining, infrastructure, government, and other high-risk operational environments.

Learning Outcomes

- Upon completion of the course, participants will be able to:
- Prepare structured HSE audit and inspection plans based on organizational risks and priorities.
- Establish appropriate audit criteria and inspection requirements for different operational environments.
- Conduct systematic audits using interviews, observations, document reviews, and sampling techniques.
- Perform effective workplace inspections and identify critical HSE deficiencies.
- Gather reliable evidence and distinguish facts from assumptions during audit activities.
- Evaluate the effectiveness of operational HSE controls and management systems.
- Recognize recurring weaknesses and patterns across audit and inspection findings.
- Prepare clear, evidence-based HSE audit and inspection reports.
- Prioritize findings according to risk, significance, and potential organizational impact.
- Analyze HSE performance trends using appropriate indicators and performance data.
- Investigate underlying and systemic causes of recurring HSE deficiencies.
- Assess corrective action plans and verify their effectiveness after implementation.
- Identify opportunities for proactive HSE performance improvement.
- Present HSE findings and performance information effectively to management.
- Establish follow-up processes that ensure accountability and closure of improvement actions.
- Support the development of a proactive, measurable, and continuously improving HSE culture.

Course Outline

DAY 01

HSE Auditing and Inspection Fundamentals

- Principles and objectives of HSE auditing.
- Purpose and value of workplace inspections.
- Differences between auditing, inspection, assurance, and compliance reviews.
- HSE management system auditing concepts.
- Risk-based auditing and inspection principles.

DAY 01 — CONTINUED

- Audit types and inspection methodologies.
- Defining audit objectives, scope, criteria, and boundaries.
- Auditor responsibilities, independence, impartiality, and professional conduct.
- Audit evidence and evidence-based evaluation.
- Common challenges and weaknesses in HSE audit programs.

PRACTICAL APPLICATION

Develop an HSE audit and inspection framework for a selected operational facility.

DAY 02

HSE Audit Planning and Field Execution

- Developing annual and project-specific HSE audit programs.
- Preparing audit plans, checklists, and working documents.
- Reviewing HSE policies, procedures, risk assessments, and operational records.
- Conducting opening meetings and establishing communication protocols.
- Interviewing employees, supervisors, contractors, and management.
- Workplace observation and field verification techniques.
- Sampling and evidence collection.
- Identifying unsafe conditions and unsafe behaviors.
- Evaluating operational controls and compliance practices.
- Managing difficult situations and maintaining auditor objectivity.

PRACTICAL APPLICATION

Conduct a simulated HSE audit using documentation review, interviews, observations, and evidence collection.

DAY 03

Findings, Root Cause Analysis and Corrective Actions

- Identifying and documenting HSE nonconformities and deficiencies.
- Classification and prioritization of audit findings.
- Differentiating immediate causes, underlying causes, and systemic causes.
- Root cause analysis methodologies.
- Investigating recurring HSE deficiencies.
- Developing effective corrective and preventive actions.
- Establishing action ownership and completion requirements.
- Evaluating corrective action quality.
- Verification and closure of audit findings.
- Managing overdue and ineffective corrective actions.
- Linking findings to organizational risk and operational performance.

PRACTICAL APPLICATION

Analyze a series of HSE audit findings, identify root causes, and develop risk-based corrective action plans.

DAY 04

HSE Performance Measurement and Improvement

- Principles of HSE performance measurement.
- Leading and lagging HSE indicators.
- Selecting meaningful HSE performance indicators.
- Incident, near-miss, inspection, audit, and corrective action data.
- Trend analysis and performance benchmarking.
- HSE dashboards and management reporting.
- Identifying deteriorating performance and early warning signals.
- Linking HSE indicators to operational and business performance.
- Management review of HSE performance.
- Continuous improvement methodologies for HSE.

DAY 04 — CONTINUED

- Developing targeted HSE improvement initiatives.

PRACTICAL APPLICATION

Analyze an HSE performance dataset, identify performance trends, and develop an improvement action plan.

DAY 05

HSE Assurance, Governance and Sustainable Performance Improvement

- Integrating audits and inspections into HSE assurance systems.
- Building effective HSE assurance programs.
- Risk-based prioritization of audit and inspection activities.
- Contractor HSE auditing and performance monitoring.
- Management accountability and HSE governance.
- Communicating critical HSE issues to senior management.
- Monitoring corrective action effectiveness.
- Using audit and inspection results for strategic improvement.
- Developing HSE performance improvement roadmaps.
- Strengthening proactive safety culture and employee engagement.
- Integrating HSE performance into organizational decision-making.
- Sustaining continual improvement through monitoring, review, and learning.

FINAL WORKSHOP

Develop an integrated HSE auditing, inspection, performance measurement, and improvement framework for a high-risk organization, including audit priorities, inspection activities, performance indicators, reporting mechanisms, corrective actions, and a continual improvement roadmap.



Register or Request More Information

Course page: <https://quest-training.com/courses/hse-auditing-inspection-performance-improvement-training-course>

Website: <https://quest-training.com>

Email: info@quest-training.com

Phone: +905016771440

