ISO 45001 LEAD IMPLEMENTER



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Introduction

ISO 45001 Lead Implementer Training Course prepares health and safety professionals to build, run, and certify an occupational health and safety management system. Participants work through the ISO 45001 structure and Annex SL, context and leadership requirements, hazard identification and risk assessment, legal and other requirements, operational controls and emergency preparedness, performance evaluation, and management review and certification as one connected implementation. The programme links the harm a workplace can cause with the system, controls, and evidence that prevent it. As a result, learners gain a practical, exam-ready implementation method. Furthermore, the course strengthens hazard judgement, control design, and certification readiness.

ISO 45001 Lead Implementer Course Objectives

- Explain the ISO 45001 framework, Annex SL structure, and PDCA cycle.
- Apply context analysis, interested parties, and scope determination.
- Establish OH&S policy, leadership commitment, and worker participation.
- Apply hazard identification and OH&S risk and opportunity assessment.
- Apply legal and other requirements and compliance obligations review.
- Design operational controls, hierarchy of controls, and change management.
- Apply emergency preparedness, response, and business continuity planning.
- Apply monitoring, measurement, and performance evaluation requirements.
- Apply incident investigation, nonconformity, and corrective action.
- Apply management review, documentation, and certification readiness.

Course Methodology

- Interactive sessions built on ISO 45001 implementation case studies.
- Workshops on hazard identification, risk assessment, and control design.

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- Group exercises on legal registers, incident investigation, and audits.
- Hands-on practice with hazard registers, risk assessments, and system documents.
- Simulation of a management review and a certification readiness review.
- Facilitator coaching and structured exam preparation guidance.

Who Should Take This Course

- HSE managers, officers, and safety practitioners.
- Quality, environment, and integrated management system coordinators.
- Operations and facility managers with safety responsibilities.
- HR and worker welfare professionals supporting OH&S.
- Internal auditors covering health and safety management systems.
- Consultants advising on ISO 45001 implementation and certification.

ISO 45001 Lead Implementer Course Outlines

Day 1: The ISO 45001 Framework and Context

- Purpose, scope, and benefits of ISO 45001.
- Annex SL high-level structure and PDCA cycle.
- Context of the organisation and interested parties.
- Scope determination and management system boundaries.
- Leadership, policy, and organisational roles.
- Worker consultation and participation requirements.
- Case discussion: an incident that exposed a system gap.

Day 2: Hazard Identification and Risk Assessment

- Hazard identification methods and sources of information.
- OH&S risk and opportunity assessment methodology.
- Hierarchy of controls and risk treatment planning.
- Legal and other requirements register.
- Objectives, targets, and OH&S performance indicators.
- Documented information and system documentation.
- Workshop: building a hazard register and risk assessment.

Day 3: Operational Control and Emergency Preparedness

- Operational planning and control requirements.
- Hierarchy of controls in practice: elimination to PPE.
- Procurement, contractors, and outsourcing controls.
- Management of change and its OH&S implications.
- Emergency preparedness and response planning.
- Business continuity and crisis management interfaces.
- Exercise: designing operational controls for a high hazard.

Day 4: Performance Evaluation and Improvement

- Monitoring, measurement, and equipment calibration.
- Evaluation of compliance obligations.
- Incident, injury, and ill-health investigation.
- Nonconformity, corrective action, and root cause analysis.
- Internal audit programme for ISO 45001.
- Management review inputs, outputs, and decisions.

- Simulation: investigating an incident and reviewing the system.

Day 5: Implementation Leadership and Certification

- Implementation roadmap, phasing, and resource planning.
- Gap analysis against ISO 45001 requirements.
- Building documentation and evidence for conformity.
- Certification audit preparation and audit conduct.
- Handling findings, observations, and corrective actions.
- Sustaining the system and integrating with ISO 9001 and 14001.
- Capstone: presenting an ISO 45001 implementation plan.

Conclusion

By successfully completing ISO 45001 Lead Implementer, participants will gain a practical command of the ISO 45001 framework, context and leadership requirements, hazard identification and risk assessment, legal compliance and operational controls, emergency preparedness, performance evaluation, and certification readiness. They will acquire skills in hazard analysis, control design, incident investigation, and system documentation that embed occupational health and safety into how work is done. Gentex Training Center designs the programme to help professionals implement ISO 45001 with confidence.

FAQs

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Q1 What is the "ISO 45001 Lead Implementer" course about?

It prepares health and safety professionals to build, run, and certify an occupational health and safety management system. The course spans the ISO 45001 framework and context, hazard identification and risk assessment, operational control and emergency preparedness, performance evaluation and improvement, and implementation leadership and certification.

Q2 What are the key benefits of the "ISO 45001 Lead Implementer" course?

You gain a practical, exam-ready implementation method that links the harm a workplace can cause with the system, controls, and evidence that prevent it. The course improves hazard identification and risk assessment, strengthens operational control and emergency planning, sharpens incident investigation and corrective action, and gives you implementation and certification readiness that holds up to audit.

Q3 What skills will I gain from the "ISO 45001 Lead Implementer" course?

You will develop four core skills: ISO 45001 framework and clause interpretation, hazard identification and OH&S risk assessment, operational control design with emergency preparedness planning, and performance evaluation with incident investigation and certification readiness.

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Q4 What tools, methods, or standards are covered in the "ISO 45001 Lead Implementer" course?

The course covers the purpose, scope and benefits of ISO 45001, the Annex SL high-level structure and PDCA cycle, context of the organisation and interested parties, scope determination and system boundaries, leadership, policy and organisational roles, worker consultation and participation, hazard identification methods and information sources, OH&S risk and opportunity assessment methodology, the hierarchy of controls and risk treatment planning, the legal and other requirements register, objectives, targets and OH&S performance indicators, documented information and system documentation, operational planning and control, the hierarchy of controls from elimination to PPE, procurement, contractor and outsourcing controls, management of change, emergency preparedness and response planning, business continuity and crisis management interfaces, monitoring, measurement and equipment calibration, evaluation of compliance obligations, incident, injury and ill-health investigation, nonconformity, corrective action and root cause analysis, the internal audit programme for ISO 45001, management review inputs, outputs and decisions, implementation roadmaps, phasing and resource planning, gap analysis against ISO 45001, documentation and evidence for conformity, certification audit preparation and conduct, handling findings, observations and corrective actions, and integration with ISO 9001 and ISO 14001.

Q5 How is the "ISO 45001 Lead Implementer" course applied in real-world practice?

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Participants apply it to real work such as building a hazard register and OH&S risk assessment, compiling a legal and other requirements register, designing operational controls for a high hazard with the hierarchy of controls, planning an emergency response, investigating an incident to root cause, and preparing documentation and evidence for a certification audit. The same methods support management review and integration with other ISO standards.