

ISO 45001 - Certified Lead Implementer



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ISO 45001 - Certified Lead Implementer - Certification Overview

The ISO 45001: Certified Lead Implementer certification is designed to provide professionals with in-depth knowledge and practical skills required to establish, implement, maintain, and continually improve an Occupational Health and Safety Management System (OHSMS) in accordance with ISO 45001 standards. This certification focuses on helping organizations proactively manage occupational health and safety risks, reduce workplace incidents, and create safer working environments for employees and stakeholders.

This program covers the core principles of ISO 45001, including hazard identification, risk assessment, legal and regulatory compliance, leadership involvement, and worker participation. Participants gain a thorough understanding of how to integrate ISO 45001 requirements into existing management systems and align them with organizational objectives. The certification also emphasizes the Plan-Do-Check-Act (PDCA) cycle and risk-based thinking to ensure continual improvement in occupational health and safety performance.

The ISO 45001 Certified Lead Implementer certification equips professionals with the capability to lead implementation projects, manage documentation, conduct internal evaluations, and support organizations during certification audits. By completing this certification, professionals demonstrate their competence in driving a strong safety culture, improving operational resilience, and ensuring compliance with international occupational health and safety standards.

Target Audience

The ISO 45001: Certified Lead Implementer certification is ideal for:

- Health and Safety Managers and Officers
- Compliance and Risk Management Professionals
- Quality, Environmental, and Integrated Management System Professionals
- Consultants involved in Occupational Health and Safety Management Systems
- Operations, Plant, and Facility Managers
- Internal Auditors and Management Representatives
- Professionals responsible for implementing or maintaining ISO 45001 or similar OH&S frameworks

This certification is also suitable for individuals seeking to advance their careers in occupational health and safety management or support organizations in achieving ISO 45001 certification.

What Modules are covered?

Module 1 - Introduction to ISO 45001 and Occupational Health & Safety

- Overview of Occupational Health and Safety Management Systems (OHSMS)
- Evolution from OHSAS 18001 to ISO 45001
- Benefits of ISO 45001 for organizations
- Structure and clauses of ISO 45001 (High-Level Structure – Annex SL)
- Roles and responsibilities in OH&S management

Module 2 - Context of the Organization and Leadership

- Understanding organizational context and interested parties
- Scope of the OH&S Management System
- Leadership, commitment, and worker participation
- OH&S policy development
- Roles, responsibilities, and authorities

Module 3 - Planning – Risk Assessment and Legal Compliance

- Hazard identification techniques
- OH&S risk and opportunity assessment
- Determination of legal and regulatory requirements
- OH&S objectives and planning to achieve them
- Emergency preparedness and response planning

Module 4 - Support and Operational Control

- Resource management and competence requirements
- Awareness, communication, and documentation control
- Operational planning and control
- Contractor and outsourced process management
- Procurement and supply chain OH&S controls

Module 5 - Performance Evaluation and Monitoring

- Monitoring, measurement, analysis, and evaluation
- Incident investigation and root cause analysis
- Internal audit planning and execution
- Management review process
- Key performance indicators (KPIs) for OH&S

Module 6 - Continual Improvement and Certification Process

- Nonconformity management and corrective actions
- Continual improvement techniques
- Integration with other ISO management systems (ISO 9001, ISO 14001)
- Certification process and audit readiness
- Role of the Lead Implementer during external audits