Integrated ISO 9001, 14001 & 45001 Management Systems Training Course

26 - 30 Oct 2026

Cairo

3700 € (Per Person)

Ref: #ISO3287_278539

Course Introduction / Overview:

This course provides a comprehensive and practical framework for understanding, implementing, and integrating ISO 9001:2015 (Quality), ISO 14001:2015 (Environmental), and ISO 45001:2018 (Occupational Health & Safety) management systems. In today's competitive landscape, organizations are moving away from siloed management systems towards a unified approach that enhances efficiency, reduces redundancy, and promotes a holistic culture of excellence. This program, offered by BIG BEN Training Center, is designed to demystify the integration process by focusing on the common high-level structure (Annex SL). We will explore the principles championed by pioneers like W. Edwards Deming, who emphasized that quality and continual improvement are organizational-wide responsibilities. Participants will learn to build a single, robust system that manages quality, environmental, and safety risks cohesively. The course delves into practical methodologies discussed in texts like "The Integrated Use of Management System Standards," enabling attendees to streamline documentation, conduct unified audits, and align system objectives with strategic business goals. This training moves beyond mere compliance, empowering professionals to leverage their Integrated Management System (IMS) as a powerful tool for sustainable growth, operational resilience, and enhanced stakeholder confidence.

Target Audience / This training course is suitable for:

- Quality Managers and Engineers.
- Environmental, Health, and Safety (EHS) Managers and Officers.
- Compliance Officers and Managers.
- Internal and External Auditors.
- Management System Consultants.
- Operations Managers and Supervisors.
- Project Managers.
- Senior Management and Leadership Teams.
- Anyone involved in the implementation or maintenance of ISO standards.

Target Sectors and Industries:

- Manufacturing and Engineering.
- Construction and Infrastructure Development.
- Oil, Gas, and Energy.
- Healthcare and Pharmaceuticals.
- Information Technology and Telecommunications.
- Logistics and Transportation.
- Food and Beverage Production.
- Governmental agencies and public sector organizations.
- Consulting and Professional Services.

Target Organizations Departments:

- Quality Assurance and Quality Control.
- Health, Safety, and Environment (HSE/EHS).
- Operations and Production.
- Compliance and Risk Management.
- Procurement and Supply Chain.
- Human Resources and Training.
- Facilities and Maintenance.
- Corporate Governance and Strategy.
- Internal Audit Departments.

Course Offerings:

By the end of this course, the participants will have able to:

- Interpret the requirements of ISO 9001, ISO 14001, and ISO 45001 standards.
- Understand the benefits and challenges of an Integrated Management System (IMS).
- Apply the principles of the Annex SL high-level structure for seamless integration.
- Develop a unified documentation system for policies, procedures, and records.
- Conduct integrated risk assessments covering quality, environmental, and safety aspects.
- Plan and execute integrated internal audits based on ISO 19011 guidelines.
- Establish cohesive objectives and performance indicators for the IMS.
- Lead the implementation or transition to an integrated system within their organization.
- Facilitate management reviews that effectively cover all three standards.
- Drive continual improvement across the integrated system.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive and participant-centered, ensuring a deep and practical understanding of Integrated Management Systems. We move beyond traditional lectures by incorporating a blend of expert-led presentations, real-world case studies, and collaborative group workshops. Participants will engage in hands-on exercises, such as developing integrated risk registers, mapping cross-functional processes, and simulating internal audit scenarios. This practical approach allows for the immediate application of learned concepts to tangible business situations. Interactive discussions and Q&A sessions are encouraged throughout the course to foster a dynamic learning environment where attendees can share experiences and solve common challenges. Our expert instructors provide continuous feedback and guidance, ensuring that each participant can confidently apply the principles of IMS integration within their own organizational context. The focus is on building practical skills and strategic insights, transforming theoretical knowledge into actionable competence for driving organizational excellence.

Course Agenda (Course Units):

Unit One: Foundations of Integrated Management Systems and Annex SL

- Introduction to Management Systems and International Standards.
- Detailed Overview of ISO 9001:2015 (Quality Management).
- Detailed Overview of ISO 14001:2015 (Environmental Management).
- Detailed Overview of ISO 45001:2018 (Occupational Health & Safety).
- The High-Level Structure (HLS) of Annex SL and its role in integration.
- Understanding the Context of the Organization (Clause 4) for an IMS.
- Leadership and Commitment (Clause 5) across integrated systems.

Unit Two: Planning and Support for a Cohesive IMS

- Actions to Address Risks and Opportunities (Clause 6) in an integrated manner.
- Integrating Hazard Identification and Environmental Aspect Analysis.
- Setting Integrated Objectives and Planning to Achieve Them.
- Resource Management for the IMS (Clause 7).
- Competence, Awareness, and Integrated Communication Strategies.
- Mastering Integrated Documentation Requirements (Clause 7.5).
- Developing a unified IMS Manual and supporting procedures.

Unit Three: Integrated Operational Control and Implementation

- Operational Planning and Control (Clause 8) for QMS, EMS, and OHSMS.
- Integrating Design and Development Controls with safety and environmental inputs.
- Control of Externally Provided Processes, Products, and Services.
- Emergency Preparedness and Response across all disciplines.
- Integrating operational controls for environmental aspects and OHS hazards.
- Management of Change within an integrated framework.
- Contractor and procurement management in an IMS.

Unit Four: Performance Evaluation and Integrated Auditing

- Monitoring, Measurement, Analysis, and Evaluation (Clause 9).
- Integrating customer satisfaction, environmental performance, and OHS monitoring.
- The Integrated Internal Audit Program.
- Planning and conducting integrated audits based on ISO 19011.
- Writing effective nonconformity reports for an IMS.
- Audit finding analysis and reporting techniques.
- The Integrated Management Review Process (Clause 9.3).

Unit Five: Improvement and Sustaining the Integrated System

- Nonconformity and Corrective Action (Clause 10) in an IMS.
- Integrated root cause analysis techniques.
- Incident Investigation from a quality, environmental, and safety perspective.
- The principles of Continual Improvement within an IMS.
- Preparing the organization for third-party certification audits.
- Sustaining momentum and fostering a culture of integrated excellence.
- Future trends in management system standards and integration.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

Beyond compliance, how can an effectively integrated management system become a primary driver of an organization's strategic innovation and competitive advantage?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by moving beyond a clause-by-clause review of each standard and focusing intensely on the strategic art of integration. While other programs may treat the standards as separate entities, our curriculum is built around the common framework of Annex SL, teaching participants to think holistically from day one. We emphasize the synergistic benefits of a unified system, such as streamlined processes, reduced audit fatigue, and cohesive risk management. The course content is enriched with practical, real-world case studies and interactive workshops that challenge participants to solve complex integration problems, rather than simply memorizing requirements. Our methodology prioritizes the development of strategic thinking, enabling attendees to align the Integrated Management System (IMS) with overarching business objectives. The focus is not just on achieving certification, but on building a resilient, efficient, and continually improving organizational culture. Participants will leave with a deep, functional understanding of how to leverage an IMS as a tool for sustainable growth and operational excellence, a perspective often overlooked in standard-specific training.