Integrated Environmental and OHS Management Systems Training Course



26 - 30 Oct 2026

Cairo

3700 € (Per Person)

Ref: #ENV2763_275299

Course Introduction / Overview:

This course provides a comprehensive framework for understanding and implementing an Integrated Management System (IMS) based on the ISO 14001:2015 and ISO 45001:2018 standards. In today's competitive landscape, organizations are increasingly seeking to streamline their processes, and integrating environmental (EMS) and occupational health and safety (OHS) management systems offers a powerful solution to enhance efficiency, reduce risks, and demonstrate corporate responsibility. This program, offered by BIG BEN Training Center, moves beyond a theoretical overview of the individual standards to focus on the practical synergies and challenges of creating a single, cohesive system. As discussed by authors like David Smith in works such as "ISO 45001:2018 – A Complete Guide to OHSMS Implementation", the alignment of these standards through the High-Level Structure (HLS) provides a unique opportunity for seamless integration. Participants will explore the Plan-Do-Check-Act (PDCA) cycle as it applies to both disciplines, learning to identify environmental aspects and OHS hazards, conduct integrated risk assessments, and establish unified objectives. The course is designed to equip professionals with the skills to lead the implementation process, foster a culture of continual improvement, and drive sustainable performance within their organizations.

Target Audience / This training course is suitable for:

- Health, Safety, and Environment (HSE) Managers and Professionals.
- Compliance and Regulatory Affairs Officers.
- Operations and Facility Managers.
- Quality Assurance Managers and Auditors.
- Management Representatives for ISO systems.
- Consultants specializing in management systems implementation.
- Project Managers overseeing system integration projects.
- Senior leaders and department heads responsible for organizational performance.

Target Sectors and Industries:

- Manufacturing and Industrial Production.
- Construction and Engineering.
- Oil, Gas, and Energy sectors.
- Healthcare and Pharmaceutical industries.
- Logistics, Transportation, and Warehousing.
- Chemical and Process Industries.
- Government agencies and public sector organizations.
- Waste Management and Environmental Services.

Target Organizations Departments:

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

Course Offerings:

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

- Interpret the requirements of ISO 14001:2015 and ISO 45001:2018 standards.
- Understand the High-Level Structure (HLS) and its role in system integration.
- Develop an integrated EHS policy and set unified objectives.
- Conduct integrated risk assessments for environmental aspects and OHS hazards.
- Establish operational controls for significant environmental and safety risks.
- Plan and execute an integrated internal audit program.
- Facilitate a management review of the integrated system's performance.
- Develop a strategic roadmap for implementing and certifying an IMS.
- Promote a culture of continual improvement for environmental and OHS performance.
- Manage documented information required for a combined management 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 to create an immersive learning environment where theory is immediately applied to practice. The course heavily utilizes real-world case studies of successful and challenging IMS implementations across various industries, allowing participants to analyze and debate strategic decisions. A significant portion of the training is dedicated to hands-on workshops and group exercises, such as developing an integrated risk register, drafting EHS policies, and simulating internal audit scenarios. These collaborative activities encourage peer-to-peer learning and the sharing of diverse professional experiences. Our expert instructors facilitate dynamic discussions, Q&A sessions, and provide personalized feedback to address specific participant queries and organizational contexts. The methodology emphasizes a practical, step-by-step approach, providing attendees with not just the knowledge but also the confidence and tools to initiate or enhance an integrated management system within their own workplace.

Course Agenda (Course Units):

Unit One: Foundations of Integrated Management Systems (IMS)

- Introduction to ISO 14001:2015 (EMS) and ISO 45001:2018 (OHSMS).
- The benefits of integrating environmental and OHS management systems.
- Understanding the High-Level Structure (HLS/Annex SL) as a framework for integration.
- Key concepts: risk-based thinking, the PDCA cycle, and process approach.
- Defining the context of the organization (Clause 4) for an integrated system.
- Identifying interested parties and their needs and expectations.
- Determining the scope of the Integrated Management System.

Unit Two: Leadership, Policy, and Integrated Planning

- The role of top management in an IMS (Clause 5).
- Establishing an integrated EHS policy.
- Defining roles, responsibilities, and authorities.
- Consultation and participation of workers in the OHSMS.
- Planning to address risks and opportunities in an integrated manner (Clause 6).
- Methodology for identifying environmental aspects and their impacts.
- Methodology for hazard identification and assessment of OHS risks.

Unit Three: Support and Operational Control

- Resources, competence, and awareness for the IMS (Clause 7).
- Integrated communication strategies (internal and external).
- Requirements for documented information in an IMS.
- Establishing integrated operational planning and control (Clause 8).
- Emergency preparedness and response for EHS incidents.
- Management of change processes within the IMS.
- Controls for procurement, contractors, and outsourced processes.

Unit Four: Performance Evaluation and Internal Auditing

- Monitoring, measurement, analysis, and performance evaluation (Clause 9).
- Developing key performance indicators (KPIs) for the IMS.
- Evaluation of compliance with legal and other requirements.
- Planning and conducting an integrated internal audit.
- Audit principles, procedures, and techniques for an IMS.
- Reporting audit findings and managing the audit program.
- Conducting an effective integrated management review.

Unit Five: Improvement and Implementation Roadmap

- Managing nonconformity, incidents, and corrective actions (Clause 10).
- Strategies for continual improvement of the IMS.
- Developing a project plan for IMS implementation.
- Key steps for a successful integration project.
- Overcoming common challenges in IMS implementation.
- Preparing for third-party certification audits.
- Course review, final Q&A, and action planning.

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 integrated management system fundamentally reshape an organization's culture to prioritize sustainability and well-being as core business values?

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

This course distinguishes itself by focusing on the strategic synergy between environmental management and occupational health and safety, rather than treating them as separate disciplines. While other programs may cover the standards individually, our curriculum is built from the ground up around the concept of integration, exploring the practical efficiencies and enhanced risk management that a unified system provides. We delve deep into the nuances of combining processes like risk assessment, objective setting, and internal auditing, providing participants with a holistic perspective that is immediately applicable. The academic rigor of the course is balanced with a strong emphasis on real-world application, using case studies that highlight both the successes and the common pitfalls of IMS implementation. Our approach moves beyond mere clause-by-clause interpretation to foster a deeper understanding of how to leverage the High-Level Structure to build a streamlined, effective, and value-adding management system. The focus is on empowering participants to become leaders of change who can champion a culture where environmental stewardship and worker safety are seamlessly woven into the fabric of daily operations and strategic planning.