
Integrated Management System Training Course for ISO 9001, 14001 and 45001

17 – 21 January 2027
Kuala Lumpur





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Ref: 294_20465 **Date:** 17 – 21 January 2027 **Location:** Kuala Lumpur **Fees:** 4000 GBP

Programme Summary

Integrated management system design is the subject of this five-day training course for QHSE managers, operations directors and management representatives at managerial level, ending in an integration plan for one organisation. Many organisations run quality, environmental and safety systems as separate structures, with repeated procedures, overlapping audits and competing demands on staff. The approach moves from a comparison of the three standards, through shared risk and planning, to documents and controls, then to audit and review, and finally to a worked plan. Mars Training Centre UK delivers this programme in integrated management system design.

The Business Case

When quality, environmental and safety systems stand apart, the same process is documented three times, the same site is audited three times and managers receive conflicting instructions. Organisations that build one integrated management system with shared registers, controls and reviews reduce duplicated effort and see risks that cut across disciplines, while keeping the specific requirements of each standard visible and testable.

- Duplicated Procedures: Fall as common clauses are served by one document set with discipline-specific sections.
- Audit Effort: Reduces as one combined internal audit programme replaces three separate schedules.
- Cross-Discipline Incidents: Decline as risks, changes and corrective actions are reviewed in one forum.

Principles and Evidence Base

- ISO 9001: Its quality management system requirements structure the process and customer controls designed in Session 3.
- ISO 14001: Its environmental management system requirements shape the aspects register and compliance obligations in Session 2.
- ISO 45001: Its occupational health and safety management system requirements guide the hazard and worker participation controls in Sessions 2 and 3.
- Annex SL High Level Structure and PAS 99: The common clause structure and the specification of common requirements for integration frame the comparison in Session 1 and the document architecture in Session 3.



Intended Participants

- QHSE managers who maintain more than one management system standard.
- Operations directors who are accountable for site performance across quality, environment and safety.
- Management representatives who report system performance to top management.
- Internal audit leads who plan and run audits of management systems.

The programme serves manufacturing, construction, energy and healthcare organisations.

Learning Outcomes

1. Participants will be able to compare the requirements of three management system standards using their common clause structure.
2. Participants will be able to construct a combined register of risks, opportunities and obligations.
3. Participants will be able to evaluate existing documents and controls for duplication and gaps.
4. Participants will be able to design a single document architecture that keeps discipline-specific requirements visible.
5. Participants will be able to prioritise findings in a combined internal audit and management review.
6. Participants will be able to justify an integration plan to top management.

Programme Structure

Day 1: Integrated Management System Foundations

What do the three standards share, and where do their requirements differ?

- Annex SL High Level Structure Map
- ISO 9001 Quality Management Requirements
- ISO 14001 Environmental Management Requirements
- ISO 45001 Occupational Health and Safety Requirements
- Common Clause Comparison Matrix

Day 2: Context, Risk and Planning

How are context, risks and objectives set once for all three disciplines?

- Interested Parties and Context Register
- Combined Risk and Opportunity Register
- Aspects, Hazards and Process Risk Linkage
- Compliance Obligations Register
- Integrated Objectives and Targets Plan



Day 3: Documents and Operational Control

How are documents and controls combined without losing discipline-specific requirements?

- PAS 99 Integration Framework
- Single Document Architecture Map
- Combined Operational Control Procedures
- Supplier and Contractor Control Rules
- Emergency and Change Management Process

Day 4: Audit, Review and Improvement

How are performance, audit and review run across one system?

- Combined Internal Audit Programme
- Integrated Audit Checklist
- Incident, Nonconformity and Corrective Action Flow
- Management Review Agenda and Inputs
- Integrated Performance Indicator Set

Day 5: Applying Integrated Management System Design

Is the integration plan ready for top management to approve?

- Applying the Session 1 Clause Matrix to the Chosen Organisation
- Testing the Session 2 Combined Register Against Operations
- Checking the Session 3 Document Map for Gaps
- Applying the Session 4 Audit Programme to the Plan
- Completing the Integration Plan

Methodology

The programme is built around structured exercises and case analysis. Participants work with anonymised procedures, registers and audit reports from a multi-site organisation, map them against the common clause structure, remove duplication in small teams, and then defend their plan before a simulated management review. No prior experience of all three standards is required.

- Suggested activity: Mapping three separate procedure sets onto one document architecture.
- Suggested activity: Merging three risk registers into one combined register.
- Suggested activity: Planning one audit that covers quality, environmental and safety requirements for a site.



Capstone Output

Each participant completes an integration plan for one organisation. It contains a clause comparison, a combined risk and obligations register, a document architecture, a combined audit programme, a management review agenda and a set of performance indicators. It is used to brief top management and to sequence the integration work across sites and functions.

Frequently Asked Questions

Is integrated management system training suitable for managers who know only one of the three standards?

Yes. Integrated management system training is set at managerial level and assumes experience of running or auditing one management system, not detailed knowledge of all three standards.

Which standards does an integrated management system rest on in this programme?

An integrated management system here rests on ISO 9001, ISO 14001 and ISO 45001, the Annex SL high level structure they share, and PAS 99 for integration.

How is the integrated management system integration plan used at work?

You use the integrated management system integration plan to brief top management, sequence document and audit changes across sites and assign owners for each combined register.

How does an integrated management system differ from a single ISO 45001 system?

An integrated management system combines quality, environmental and safety requirements in shared documents, risks and audits, while a single ISO 45001 system addresses occupational health and safety only.