CONCEPT

# ISO 14001 Implementation: Building an Environmental Management System

10 – 14 October 2027
Dammam - Eastern Province five-star



# ISO 14001 Implementation: Building an Environmental Management System

**Ref:** 1117_16106 **Date:** 10 – 14 October 2027 **Location:** Dammam - Eastern Province five-star **Fees:** 19500 SAR

**Technical depth:** Practitioner · **Practical mode:** Inspection walkthrough

## Introduction

Organisations face rising expectations from customers, investors and communities to control pollution, resource use and climate-related risk, and the 2026 revision of ISO 14001 raises the bar on context, life cycle thinking and change control. Many environmental management systems exist mainly on paper, with aspect registers that miss real site activities and audits that find little. This Core Concept course equips managers to implement an environmental management system that works in practice, from gap assessment to operational control and management review. Participants apply each requirement through a guided walkthrough and leave with an EMS Implementation Plan.

## Course Objectives

- Assess current environmental practice against ISO 14001:2026 and define the scope of the environmental management system
- Identify environmental aspects, compliance obligations, risks and opportunities, and evaluate their significance
- Set an environmental policy, objectives and action plans that leadership can own
- Establish operational controls, emergency preparedness, competence and documented information for significant aspects
- Evaluate environmental performance and compliance, and run internal audits and management reviews that drive improvement
- Produce an EMS Implementation Plan built on a significant environmental aspects register

## Target Audience

- Environmental and HSE managers responsible for establishing or upgrading an EMS
- Quality and integrated management system managers adding environmental requirements
- Operations, facilities and site managers accountable for environmental controls
- Sustainability managers linking environmental performance to wider ESG commitments
- Compliance and internal audit managers verifying environmental obligations

# Course Outline

## Day 1: Environmental Management Context and Gap Assessment

- ISO 14001:2026 Harmonized Structure and Plan-Do-Check-Act Logic
- Key Changes from ISO 14001:2015 and Transition Planning
- Context Analysis: Climate, Pollution, Biodiversity and Resource Availability
- Interested Parties Register and Compliance Obligations Identification
- EMS Gap Assessment Checklist and Scope Statement

## Day 2: Planning Requirements of the Standard

- Leadership Commitment, Environmental Policy and Assigned Roles
- Environmental Aspects and Impacts Identification with a Life Cycle Perspective
- Significance Evaluation Criteria and the Aspects Register
- Risks and Opportunities Register and Planning of Changes
- Environmental Objectives and Action Plans Using ISO 14004 Guidance

## Day 3: Support and Operational Control

- Operational Control Procedures for Significant Aspects
- Control of Externally Provided Processes, Products and Services
- Emergency Preparedness and Spill Response Planning
- Competence Matrix, Awareness Briefings and Communication Plan
- Documented Information Structure and Records Control

## Day 4: Performance Evaluation and Improvement

- Environmental Performance Indicators Using ISO 14031
- Compliance Evaluation Protocol and Legal Register Review
- Internal Audit Programme Planning with ISO 19011:2026
- Nonconformity, Root Cause Analysis and Corrective Action
- Management Review Inputs and Continual Improvement Records

## Day 5: Site Walkthrough and the EMS Implementation Plan

- Guided Inspection Walkthrough: Identifying Aspects at Source
- Walkthrough Findings: Operational Control and Emergency Readiness Gaps
- Significant Aspects Register Finalisation
- EMS Implementation Plan and Timeline Drafting
- Peer Review Panel and Plan Defence

## Skills You Will Gain

- Environmental Aspect Assessment
- Compliance Obligations Management
- Environmental Risk-Based Planning
- Operational Control Design
- Environmental Performance Measurement
- Management System Auditing
- Corrective Action Management
- Management System Documentation

## Why Attend This Course

- Return to work with an EMS Implementation Plan and aspects register drawn from a real walkthrough, not a template
- Walk a site or process and recognise the environmental aspects and control gaps that paper reviews miss
- Plan the move from ISO 14001:2015 to the 2026 edition with a clear view of what has changed
- Compare implementation approaches with managers from manufacturing, construction, utilities and services in other countries

## Conclusion

An environmental management system earns its place when it changes how sites operate, not when it produces documents. This course moves from the context and structure of ISO 14001:2026, through aspects, compliance obligations and planning, to the operational controls, indicators, audits and reviews that keep the system effective. The final day applies these requirements in a guided walkthrough and turns the findings into an EMS Implementation Plan that participants take back to their organisation, ready to guide the next stage of implementation.