ISO 14001:2015 Environmental Management System (QMS) Internal Auditor Training

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Course Introduction

The ISO 14001:2015 Internal Auditor Training is designed to provide participants with the knowledge and skills required to assess conformity and effectiveness of an Environmental Management System (EMS) based on ISO 14001:2015 requirements.

This course emphasizes risk-based thinking, environmental aspects & impacts evaluation, compliance obligations, and performance improvement through effective internal auditing.

Course Objectives

Upon completion of this course, participants will be able to:

- Understand the structure and requirements of ISO 14001:2015
- Interpret key EMS clauses and environmental compliance obligations
- Identify environmental aspects, impacts, and risks
- Plan, conduct, and report internal EMS audits
- Evaluate EMS effectiveness and legal compliance
- Implement corrective actions and continual improvement processes

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Course Content

Module 1: Introduction to ISO 14001:2015

- Background and development of ISO 14001
- High-Level Structure (Annex SL)
- Integration with ISO 9001 & ISO 45001
- Environmental management principles

Module 2: Context of the Organization (Clause 4)

- Understanding internal & external issues
- Interested parties and their requirements
- Scope of EMS
- EMS processes and interactions

Module 3: Leadership & Environmental Policy (Clause 5)

- Top management commitment

- Roles, responsibilities, and authorities
- Environmental policy requirements

Module 4: Planning (Clause 6)

- Environmental aspects and impacts
- Compliance obligations (legal & other requirements)
- Risk and opportunity assessment
- Environmental objectives and planning

Module 5: Support (Clause 7)

- Resources
- Competence & awareness
- Communication (internal & external)
- Documented information control

Module 6: Operation (Clause 8)

- Operational planning and control
- Emergency preparedness and response
- Outsourced process control
- Lifecycle perspective

Module 7: Performance Evaluation (Clause 9)

- Monitoring and measurement
- Evaluation of compliance
- Internal audit requirements
- Management review

Module 8: Improvement (Clause 10)

- Nonconformity and corrective action
- Continual improvement
- Preventive mindset through risk-based thinking

Module 9: Internal Audit Methodology

- Audit principles and types
- Audit planning and scheduling
- Preparing audit checklist

- Conducting process-based audits
- Interviewing techniques
- Audit reporting
- Audit follow-up and verification

Practical Workshop

- Environmental aspect & impact identification exercise
- Legal compliance evaluation exercise
- Audit checklist development
- Mock audit simulation
- Audit findings presentation

Training Methodology

- Interactive lectures
- Group discussions
- Case studies
- Practical workshops
- Process-based audit exercises
- Written assessment

Target Participants

- Environmental Managers
- Management Representatives
- Internal Auditors
- Compliance Officers
- Operations & Production Managers
- Personnel responsible for EMS implementation

Duration: 2 Days (9:00 AM – 5:00 PM)

📅 **DAY 1 – Understanding ISO 14001:2015 Requirements**

9:00 – 9:15 AM

Registration & Course Introduction
• Course objectives
• Overview of EMS
• Participant expectations

9:15 – 10:30 AM

Module 1: Introduction to ISO 14001:2015
• Background and evolution of ISO 14001
• High-Level Structure (Annex SL)
• Integration with ISO 9001 & ISO 45001
• Environmental management principles

10:30 – 10:45 AM Morning Break

10:45 AM – 12:00 PM

Module 2: Context of the Organization (Clause 4)
• Internal & external issues
• Interested parties
• Scope of EMS
• Process interaction

12:00 – 1:00 PM Lunch Break

1:00 – 2:15 PM

Module 3: Leadership & Planning (Clauses 5 & 6)
• Environmental policy
• Roles and responsibilities
• Environmental aspects & impacts
• Compliance obligations
• Risk & opportunity assessment
• Environmental objectives

2:15 – 2:30 PM Afternoon Break

2:30 – 3:45 PM

Module 4: Support & Operation (Clauses 7 & 8)
- Competence & awareness
- Communication
- Documented information
- Operational control
- Emergency preparedness
- Lifecycle perspective

3:45 – 5:00 PM

Workshop 1:
- Environmental aspect & impact identification exercise
- Legal compliance discussion
- Group presentation

🗓️ **DAY 2 – Internal Audit Skills & Practical Application**

9:00 – 9:15 AM Recap of Day 1

9:15 – 10:30 AM

Module 5: Performance Evaluation & Improvement (Clauses 9 & 10)
- Monitoring & measurement
- Evaluation of compliance
- Internal audit requirements
- Management review
- Nonconformity & corrective action
- Continual improvement

10:30 – 10:45 AM Morning Break

10:45 AM – 12:00 PM

Module 6: Internal Audit Methodology
- Audit principles
- Audit planning & scheduling
- Preparing audit checklist

• Process-based audit approach
• Interviewing techniques

12:00 – 1:00 PM Lunch Break

1:00 – 2:30 PM

Workshop 2: Audit Simulation
• Developing EMS audit checklist
• Group audit preparation
• Conducting mock audit interviews

2:30 – 2:45 PM Afternoon Break

2:45 – 4:15 PM

Audit Reporting & Follow-Up
• Writing nonconformities
• Audit report preparation
• Root cause analysis
• Corrective action verification

4:15 – 4:45 PM Examination / Knowledge Assessment

4:45 – 5:00 PM

Course Evaluation & Closing
• Certificate briefing
• Q&A