

# The execution of management systems for quality, the environment, and health and safety

Creating, Putting into Practice, and Evaluating Management Systems to Pro

## Introduction

The principles of Quality, Health & Safety, and Environmental (QHSE) Management Systems are introduced in this Course N Carry Implementation of Quality, Environmental, and Health & Safety Management Systems training seminar. It also explains how the three (3) relevant ISO 9001, ISO 14001, and ISO 45001 standards can be implemented. A competitive advantage is the main emphasis of an integrated business management system, which leverages shared procedures to effectively manage and maximize performance.

The integration of the standards is the main topic of this 5-day training program. Since internal audits are a way to determine compliance, they are essential to all management systems. Audit systems, the auditing procedure and tools, the documentation process, carrying out an audit, preparing an audit report, and implementing corrective action are all covered in the training curriculum.

### **This training course's main highlights are:**

- Quality Concepts and Principles Derived from the ISO 9001:2015 Standard
- An Overview of the 2015 ISO 14001 Environmental Management System (EMS)
- Overview of the Occupational Health and Safety Management System (OHS) according to ISO 45001: 2018
- The establishment and implementation of the QHSE Integrated Management System (IMS)
- Planning and Executing the QHSE IMS Auditing Technique

## Objectives

### **Delegates to this training session will receive:**

- Building a Quality Management System with the guidance of ISO 9001:2015
- Overview of the QMS Clauses and Requirements for ISO 9001:2015
- The PDCA Method
- Measurements & Monitoring of the Environment
- Selection of Environmental Factors and Techniques for Determining Significant Effects
- The roles and commitments of management in upholding the OH&S MS

- Measurements and Monitoring of OH&S Activities
- IMS Definition, Concept, and Documentation
- Stage of gap investigation before integration
- Using the Integrated Management System with PDCA
- ISO 19011 - Guidelines for Auditing Integrated Management Systems Requirements
- Types, Scope, and Criteria of Audits
- The knowledge and abilities needed to carry out an audit of an Integrated Management Systems (IMS)

## Training Methodology

A variety of learning strategies are used in this Implementation of Quality, Environmental, and Health & Safety Management Systems training course, including role plays, individual exercises, mini-case studies, and experiential group activities. Experimenting with new approaches and sharing the many experiences that individuals bring are essential components of the learning process.

## Organizational impacts

- Much better use of time and resources, which improves both individual and organizational performance
- Use of a globally renowned, well-proven procedure
- Improved application of current systems
- Introduction of new processes to enhance efficiency in addition to the professional development of people, the organization should be able to prioritize resources to demonstrate that process risks are effectively controlled

## Personal Impact

- Greater adaptability in one's job
- Expedited handling of all concerns pertaining to QHSE management systems
- Much higher drive and initiative
- Exposed to a variety of viewpoints on environment, health, safety, and quality by exchanging best practice examples and working together to resolve actual and simulated problems with team performance
- Putting new, perhaps difficult approaches into practice can increase your adaptability and confidence while utilizing the team's strength.

## Who should attend?

For those who have contributed to the creation and/or implementation of their company's integrated management systems and would like to move on to system assessment, this Course N Carry Implementation of Quality, Environmental, and Health & Safety Management Systems training is perfect.

Whether you are new to auditing or would want to learn more about the integrated or process-approach to auditing, it is appropriate for all roles and levels.

### **This comprises:**

- Managers of Quality Assurance
- Managers of the Environment
- Health Safety Managers
- Supervisors in Charge
- Members of the ISO 9001, ISO 14001, and ISO 45001 Implementation Teams
- Officers of Safety
- Directors of Quality
- Managers of Regulatory Affairs
- Representatives of Management
- Internal Examiners
- Those that are interested in auditing EMS and OHSAS management systems through a second or third party

## **Course Outline**

### **Day 1**

#### **Concepts & Principles of Quality based on the Introduction to ISO 9000 Series Quality Definition (ISO 9001:2015 Standard)**

- Building a Quality Management System with the guidance of ISO 9001:2015
- Principles of the Quality Management System
- A look at Risk-Based Thinking in ISO 9001
- Opportunities & Risks
- Records and Documented Information
- Organizational culture of quality
- Overview of the QMS Clauses and Requirements for ISO 9001:2015
- The PDCA Method

### **Day 2**

#### **An Overview of the 2015 ISO 14001 Environmental Management System (EMS)**

- Overview of the QMS Clauses and Requirements of ISO 14001:2015
- Basic Environmental Management System Terminologies and Definitions
- KPIs and Environmental Objectives
- Environmental Guidelines

- Assessment of Environmental Performance

- Selection of Environmental Factors and Techniques for Determining Significant Effects
- Lawfulness & ISO 14001:2015
- Ability & Resources

## Day 3

### Overview of the Occupational Health and Safety Management System (OHS) according to ISO 45001: 2018

- Why and how an OH&S Management System works
- Basic OH&S Management Systems Terminologies and Definitions
- Overview of the Clauses in ISO 45001
- The roles and commitments of management in upholding the OH&S MS
- OH&S Goals
- OH&S Procedures
- Employee Involvement and Advice
- The OH&S management system's contents
- Measurements and Monitoring of OH&S Activities
- Risk Assessment for OH&S
- SWOT evaluation
- Lawfulness & ISO 45001:2018

## Day 4

### The establishment and implementation of the QHSE Integrated Management System (IMS)

- IMS Definition, Concept, and Documentation
- Stage of gap investigation before integration
- System Documentation Integration
- Qualifications for an Integrated QHSE IMS
- An Integrated QHSE IMS's advantages
- Making Integrated QHSE IMS Plans
- How to Set Up an Integrated QHSE IMS in 12 Easy Steps
- The PESTEL Evaluation
- Ability & Resources (Maintaining the System)
- Using the Integrated Management System with PDCA
- Planning, Organizing, and Supervision
- Issues both internal and external, and communication

## Day 5

## **ISO 19011 - Guidelines for Auditing Integrated Management Systems Audit Types; Auditing of QHSE IMS Requirements**

- Definitions of Audit Scope & Criteria
- Accountability of the Audit Team Leader
- Establishing an Audit Team
- The Ethics and Skill of Auditors
- Planning, Scheduling, and Preparation for Audits
- Process of Opening Meeting Audit Conduction
- Results of the audit (non-conformities)
- Report on Audits
- Final Meeting
- Plan of Action and Process of Follow-Up