



## Identification and Assessment of Environmental Aspect & Impact

Being the most important concept of ISO 14001 Environmental Management System (EMS), Environmental Aspect and Impact shape the entire Environmental Management System. A wrong or inadequate Environment Aspect & Impact identification and assessment will lead to major non-conformity during certification, resources spent without sizeable return and loss of interest from the employees.

The Environmental Aspect and Impact identification and assessment should be based on the Failure Mode & Effect Analysis and focus on the Severity and Probability of the Environmental Aspect & Impact.

## EM-104 Identification and Assessment of Environmental Aspect & Impact)

### COURSE OBJECTIVES

The course has been designed to fulfill the following objectives:

- To understand the definition of Environmental Aspect & Impact
- To understand and implement the method of identifying Environmental Aspect & Impact
- To understand the consideration of factors in deciding significance of Environmental Aspect & Impact

### TRAINING APPROACH

This practical course combines classroom teaching, practical exercises, group discussion and Harvard-Style case study with actual factory based projects to provide a complete action learning experience. The course has been designed to enable all participants leave the training with a set of new knowledge, skills and direct experience of how to implement an effective quality management.

### HOW YOU WILL BENEFIT

- Understand the Environmental Aspect and Impact
- Develop the Severity and Probability judgment criteria
- Develop the Environmental Aspect and Impact register
- Develop the control for significant Environmental Aspect & Impact
- Identify the linkages of Environmental Aspect & Impact to other elements of EMS.

### COURSE LEADER

The course leaders are experienced and qualified trainers as well as experienced environmental management professionals with various projects certified with their assistance. They are chosen for their proven industrial experience, technical competency, good communication skills and capability to understand the problem you face.

### WHO SHOULD ATTEND

This course is designed for supervisors, engineers, consultants, directors, managers, anyone who is responsible for the identifying and assessment of Environmental Aspects and Impacts for the company.

### COURSE DURATION

This is a one day course running from 9.00am to 5.00pm.

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### COURSE CONTENT

#### Section 0: Introduction

- Course content and course objective.

#### Section 1: Introduction to Environmental Aspect & Impact Assessment

- ISO 14001 and Environmental Aspect & Impact
- ISO 14004 and Environmental Aspect & Impact
- Definition of Environmental Aspect & Impact

#### Section 2: Identifying Activities, Products and Services

- Define the Boundary
- Selection of Review Team
- Environmental Aspect & Impact at Normal, Abnormal and Emergency Condition

#### Section 3: Identifying Environmental Aspects

- Sources of useful information for identifying Env. Aspects
- Examples of Environmental Aspects

#### Section 4: Identifying Environmental Impacts

- Sources of useful information for identifying Env. Impacts
- Examples of Environmental Impacts

#### Section 5: Evaluating significance of Impacts

- Consideration of Environmental Factors
- Consideration of Business Factors
- Consideration of Defense Mechanism

#### Section 6: Identifying significant Environmental Aspects & Documenting the Environmental Aspects & Impacts

- Consideration of Significant Environmental Impacts
- Summary of Environmental Aspects and Impacts
- Summary of Significant Environmental Aspects & Impacts

#### Section 7: Developing control and linkages of Environmental Aspects & Impacts

- Control of Environmental Aspects & Impacts
- Linkages of Environmental Aspects & Impacts

#### **Attachment:**

Sample of Environmental Aspects & Impacts and Criteria of Significance is attached.



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