

ISO 14001: Environmental Aspect Impact Analysis

Have you fully understood the requirement of ISO 14001?

Do you know how to conduct an effective environmental aspect impact analysis?

Introduction

Environmental Aspect Impact Analysis is the most important and critical element of the ISO 14001 certification. Due to this reason, all employees working in an ISO 14001 certified company must be able to understand and carry out an effective environmental aspect impact analysis to ensure that the Environment Management System is effectively implemented and maintained. The main objective of this course is to provide the knowledge needed by all related personnel in relations to the environmental aspect and impact analysis to ensure their capability in conducting an effective environmental aspect impact analysis.

Program Objectives

This training aims to:

- Provide an understanding of the current major environmental issues and the importance of environmental aspect impact analysis in the ISO 14001 Environmental Management System
- Provide a basic understanding of environmental-related Malaysian legal requirements
- Provide an understanding of the concept of environmental aspect & impact

Learning Outcomes

At completing this training, participants shall be able to:

- Prepare participants to conduct an effective environmental aspect impact analysis for the plant
- Conduct action plan required for the significant environmental aspect

Who Should Attend?

This course is suitable for ISO 14001 Steering Committee Members

Methodology

Informative lectures reinforced by films, group discussion and practical sessions, Case Study, gamification, presentation, role-play, simulation, videos, quiz.

Program Outline

Time	Day One
9.00am– 10.30am	<p>Natural Resources and Global Warming as Environmental Issues</p> <p>This module, the participants would look at the major environmental issues, the Depletion of Non-renewable and Renewable Natural Resources and Global Warming. The participants would understand the severity of the issue and the impact on humankind.</p>
10.30am-11.00am	<p>Break and Networking</p>
11.00am-1.00pm	<p>Ozone Layer Depletion and Acid Rain Major Environmental Issues</p> <p>Ozone Layer Depletion and Acid Rain are also a major environmental issue. In this module, the participants would look at the factors that contribute to the environmental issues, the impact and the danger to humankind.</p>
1.00pm-2.00pm	<p>Lunch Break and Networking</p>
2.00pm-3.30pm	<p>Waste Management</p> <p>In this module, the participants would learn the 5 types of waste - liquid waste, solid rubbish, organic waste, recyclable rubbish and hazardous waste. Then, the participants would specifically look into water pollution and air pollution.</p>
3.30pm-4.00pm	<p>Break and Networking</p>
4.00pm-5.00pm	<p>Waste Management</p> <p>Environmental Quality (Scheduled Wastes) Regulations, 2005 requires hazardous wastes to be properly packaged, labelled and stored. Waste generators are responsible for ensuring that the scheduled wastes generated and stored temporarily in their premises pending further treatment or disposal are managed according to the above stated</p>

	Regulations. The participants would look at all aspects of scheduled waste.
--	---

Time	Day Two
9.00am– 10.30am	<p>Quantitative Analysis: Probability of Occurrence</p> <p>Criteria for the significance can be related either to the environmental aspects of the environmental impacts. When applying the criteria, the organisation needs to set levels or values of the significance related to each criterion, e.g., based on the possibility of occurrence (probability/frequency) and its severity (consequence/intensity). The participants would look at the probability of occurrence.</p>
10.30am-11.00am	<p>Break and Networking</p>
11.00am-1.00pm	<p>Quantitative Analysis Ranking Table Setting for II:</p> <p>Rapidly growing developmental activities and ever-increasing population cause enormous strain on environmental resources leading to severe degradation of the environment. But for maintaining healthy life on earth, there must be a balance between resource utilisation and capacity of the environment. Hence, the Probability of Detection and Severity of Degradation are the topics that would be covered in this module.</p>
1.00pm-2.00pm	<p>Lunch Break and Networking</p>
2.00pm-3.30pm	<p>Register of Significant Environmental Aspects: Plan and Target</p> <p>This module covers the topics, Action Plan on Significant Environmental Aspects and Objectives & Targets Setting</p>
3.30pm-4.00pm	<p>Break and Networking</p>
4.00pm-5.00pm	<p>Register of Significant Environmental Aspects: Program and Documentation</p> <p>In this module, the participants would learn the Environmental Management Program Selection and Documentation Requirements</p>