



## SAFETY AND ENVIRONMENT TRAINING



### 11.CHEMICAL MANAGEMENT

- ) Introduction to Chemical Management
- ) Routes of Entry of Chemicals
- ) Characteristics of Chemicals
- ) Chemical Management Procedure

#### AUDIENCE

This program is suitable for person who is in charge of chemical and scheduled wastes management in the organization and person in charge of liaison with the government bodies on environmental control

#### METHODOLOGY

This stimulating program will maximize the understanding and learning through lecture, discussion, case studies and practical activities.

#### LEGAL REQUIREMENTS ON CHEMICAL MANAGEMENT AND ACTIONS TO ENSURE COMPLIANCE

- ) OSH (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013
- ) OSH (USECHH) Regulations 2000
- ) OSH(NADOPOD) Regulations 2004
- ) Poisons Act
- ) Relevant Guidelines Issued by DOSH on Chemical Management Etc.

#### MATERIAL SAFETY DATA SHEET

- ) Introduction of MSDS or CSDS
- ) Legal Requirements Related to MSDS or CSDS
- ) Elements of MSDS Or CSDS – 16 Elements

#### SITE VISIT TO DETERMINE COMPLIANCE PERTAINING TO CHEMICAL MANAGEMENT

- ) Chemical Management
- ) Engineering Control
- ) Administrative Control



- ) Personal Protective Equipment

#### SCHEDULED WASTE MANAGEMENT

- ) Introduction to Scheduled Waste Management
- ) Concept of Cradle to Grave
- ) Waste Hierarchy
- ) Characteristics of Scheduled Wastes

#### ENVIRONMENTAL LEGISLATION RELATED TO WASTE MANAGEMENT IN MALAYSIA WITH SPECIAL FOCUS ON ENVIRONMENTAL QUALITY (SCHEDULED WASTES) REGULATIONS

- ) Environmental Quality (Scheduled Wastes) Regulations 2005
  - ) Identification Classification and Properties Scheduled Waste
  - ) Characteristics of Scheduled Wastes.
  - ) Identification and Classification of Scheduled Waste
  - ) Waste Properties and Composition
  - ) Notification of Scheduled Wastes
  - ) Labelling of Scheduled Wastes
  - ) Storage and Handling of Scheduled Wastes
  - ) Inventory of Scheduled Wastes
  - ) Disposal of Scheduled Wastes
  - ) Provision in Section 34 B, Environmental Quality Act, 1974
  - ) Application of Poison Act and Pesticide Act to The Scheduled Waste Management.
  - ) Other Applicable Environment Quality Orders/Regulations

#### SITE TOUR – SURROUNDING PREMISES TO IDENTIFY WASTES AND IMPROVEMENT PRACTICES SCHEDULED WASTE MANAGEMENT

- ) Waste Reduction Methodology
- ) Waste Treatment Technology
- ) Incineration, Secured Landfill, Recovery Etc.

#### POLLUTION PREVENTION

- ) Principle of Pollution Prevention
- ) Environmental Management System for Scheduled Waste Management.
- ) Concept of Cleaner Production in Industry
- ) Good House Keeping Concept

#### BENEFITS

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

- ) Understand the OSHA requirements on Safety Management Policy



- ) Form a Safety Committee in the company
- ) Apply and implement safety measures in the workplace

#### REQUIREMENT

This program is suitable for all Managers, Supervisors and Workers in manufacturing environments who needs to be aware of OSHA and its requirements in the workplace will benefit from this course.

All who are nominated by the management to set up the safety committee will have hands-on experience in implementation of the policy

#### METHODOLOGY

This program is conducted via theoretical sessions shall be followed by group discussion, simple computation, presentation and / or structured exercises, as well as questions and answers. Course material shall be professionally designed for ease of understanding and application

END.