Understanding USECHH 2000 & CLASS 2013 Regulation

How does CLASS Regulations affect retailers?
Is implementation of GHS through CLASS Regulations for the user (consumer sector)in Malaysia under DOSH's responsibility?
Does forwarding/courier/freight company (not a manufacturer and/or importer)which only delivers but has a transit warehouse, need to comply with CLASS Regulations?
What is the GHS building block for Malaysia? Is it OK to use all building blocks including the ones not adopted by CLASS?

Introduction

A great deal of attention has been focused on the health effects of chemicals in recent years. Many chemicals which were regarded as safe many years ago have been linked with illnesses to more chronic and fatal cancers. Although much has been learned about chemical toxicity from studying disease and laboratory studies there are far too many chemicals used in commerce today whose harmful effects are unknown. It is therefore important to treat all chemicals with care, including those harmful effects known, to avoid future consequences. This course will explain elaborately on the Safety and Health Act 1994 USECHH 2000 Regulation (Use and Standard of Exposure of Chemicals Hazardous to Health) in the factory premises. In order to successfully implement a safe working environment, employees must be equipped with the knowledge and techniques to eliminate accidents and illnesses. They should adopt safe work practices on industrial chemical handling, storage and disposal to prevent accidents. The training is intended to highlight major steps involved in setting up a respiratory protection program and identify additional resources. Employers who decide to use respiratory protection to help lower worker exposures to hazardous airborne contaminants must follow all requirements made by the Department of Occupational Safety & Health.

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 also known as (CLASS Regulations is a legislation framework to control supply of hazardous chemicals to place of work by prescribing requirements for classification, packaging, labelling, safety data sheets and inventory. In line with the commitment to implement the Globally Harmonized System on Chemical Classification and Labelling (GHS) to the industrial workplace sector as recommended by the UN.

Program Objectives

This training aims to:

- Equip participants with the necessary understanding and knowledge needed to inculcate safe work practices in handling chemicals
- Ensure that the ESH Committee, EMS Committee, ERT Teams, supervisors and employees have a safe skill and awareness of chemical handling and accidents related to chemicals.
- Understand their roles & responsibilities with regards to OSHA 1994
- Understand the Use and Standards of Exposure Of Chemicals Hazardous To Health Regulation 2000
- Understand the Classification, Labelling and Safety Data Sheet of Hazardous Chemicals Regulations 2013
- Understand Chemical Safety Data Sheet

Learning Outcomes

At the end of this training, participants should be able to:

- Ensure management philosophy, policy and procedures conforms to safety regulations
- Identify chemical hazards and unsafe work practices and take corrective actions
- Take appropriate preventive measures to control risk
- Understand the correct used of personal protective equipment
- Understand the used of respirator protection system
- Understand the practical of containing chemical spill using of respirator protection system and other PPE

Who should Attend?

Factory/production managers, Factory/production Engineer, HSE managers & officers, Supervisory personnel, and Safety & Health committee members

Methodology

Interactive lecture, videos, presentation, discussion, case study, case simulation, Socratic questioning, flipped classroom, brain-storming, worksheet, problem solving, inductive method, team exercise, peer to peer, action learning, coaching and mentoring

Program Outline

Time	Day 1
9.00am-9.45am	**Introduction to Chemical Hazard Classification, Hazard Pictogram** ● Signal Word and Hazard Statement
9.45am-10.45am	**Globally Harmonized System of Classification and Labelling of Chemicals (GHS)** ● Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 **Historical background and implementation stat**us ● Purpose of CLASS Regulations
10.45am-11.00am	**Break**
11.00am-11.45am	**Part I (Preliminary)** 1. Citation and commencement 2. Application 3. Interpretation **Parts II (Classification)** 4. Duty of principal supplier to classify chemicals as hazardous chemicals 5. Record of classification
	Part III (Packaging) 6. Packaging requirement of hazardous chemical 7. Seal of packaging **Part IV (Labelling)**

11.45am-12.30pm	8. Duty to label packaging of hazardous chemical 9. Requirement for hazard pictograms 10. Rules of precedence for hazard pictograms and hazard statement on label 11. Dimension of label 12. Affixing and tagging of label
12.30pm-1.30pm	**Lunch**
1.30pm-2.15pm	**Part V (Safety Data Sheet)** 13. Duty to furnish Safety Data Sheet Exercise 1 (Practical)
2.15pm-3.15pm	Part VI: Inventory of hazardous chemicals Part VII: Confidential business information on hazardous chemicals Part VIII: Revocation
3.15pm-3.30pm	**Break**
3.30pm-3.45pm	**Introduction on Reference Documents** ● Industry Code of Practice on Chemical ● Classification and Hazard Communication – ICOP ● CLASS ● Globally Harmonized System of Classification and ● Labelling of Chemicals (Purple book- 3rd Revised ● Edition 2009) ● UN Recommendations on the Transport of Dangerous Goods-Model Regulations (Orange Book-16th Revision 2009)
3.45pm-5.00pm	The Industry Code of Practice on Chemical Classification and Hazard Communication 2014 (ICOP)

Time	Day 2
9.00am-9.45am	Hazardous Chemicals and Environmental , Safety & Health issues
9.45am-10.45am	USECHH 2000 Regulation (Use and Standard of Exposure of Chemicals Hazardous to Health)
10.45am-11.00am	**Break**
11.00am-11.45am	**Identification Of Chemicals Hazardous To Health** ● Register of chemicals hazardous to health ● Permissible Exposure Limit ● Ceiling limit ● Eight-Hour time-weighted average ● Compliance with permissible exposure limit using respirator **Assessment Of Risk To Health** ● Assessment of risk to health ● Review assessment ● Assessment to be carried out by an assessor ● Assessment of risk to health report ● Assessment report
11.45am-12.30pm	**Action To Control Exposure** ● Action to control exposure ● Control measures ● Use of approved personal protective equipment ● Engineering control equipment ● Design, construction and commissioning of local exhaust ventilation equipment ● Record of engineering control equipment
12.30pm-1.30pm	**Lunch**
1.30pm-2.45pm	**Labelling And Relabelling** ● Duty of employer to ensure labelling ● Relabelling **Information, Instruction And Training** ● Information, instruction and training ● Information, instruction and supervision of person **Chemical Safety Data Sheet**

	● Provision of Chemical Safety Data Sheet in a place of work
2.45pm-3.15pm	**Monitoring Of Exposure At The Place Of Work** ● Monitoring of exposure
3.15pm-3.30pm	**Break**
3.30pm-4.00pm	**Health Surveillance** ● Health surveillance programme **Medical, Removal, Protection** ● Medical removal protection
4.00pm-5.00pm	**Warning Sign** ● Warning sign **Record Keeping** ● Retention of records by employer