

CHEMICAL MANAGEMENT & SPILLAGE CONTROL
13-14 MARCH 2018 (TUESDAY-WEDNESDAY), 9.00 AM – 5.00 PM
@ Sunway Hotel Seberang Jaya
11, Lebuh Tenggiri Dua, Bandar Seberang Jaya, 13700 Prai, Penang.

Target Group:

Safety & Health Officers (SHOs), Safety & Health Committee Members, OSH Practitioners, Safety & Health/ Facilities/ Operations Managers, Executives, Officers, Line Leaders, Supervisors, Engineers, Section Heads and those handling chemicals in their plants.

Introduction:

Chemical users/handlers are highly prone to chemical hazardous exposures. They have a 'Right-To-Know' of their exposure to all the chemicals and scheduled wastes involved, as per stated by Occupational Safety Health Act 1994, Environmental Quality Act 1974 and their regulations. They must be fully aware, trained and provided with sufficient personal protective equipment and engineering-controlled devices to reduce their hazardous exposure levels. Nevertheless, they can also be an important and integral component of a company's effective Chemical Spill Emergency Response Team. It is also essential to control entrance of unregistered chemicals and establish total chemical management procedures at the workplace. This program will guide participants to acquire the knowledge on how to handle, manage safely chemicals and control spillage in the workplace.

Learning Objectives

Upon completion of program, participants will be able to:

- (a) Explain the legal requirement in managing chemical at workplace;
- (b) Have the clear understanding of the requirement on the Classification, Labeling and Safety Data Sheet of Hazardous Chemicals Regulations 2013;
- (c) Recognize various hazards especially chemical hazards in the workplace;
- (d) Be able to understand the importance and interprets the Safety Data Sheet (CSDS/MSDS) and managing chemical at workplace;
- (e) Be able to conduct risk assessment for any chemical that exists in the organization;
- (f) Plan and conduct activity to reduce or prevent accident that happened due to chemical handling;
- (g) Dispose chemical based on Scheduled Waste Regulations 2005.

Program Delivery Methods:

Classroom based. All topics will be covered by way of lectures, presentations, interaction, group/individual activities, exercises and case studies.

Course Content

DAY 1:

MODULE 1: CHEMICAL SAFETY MANAGEMENT : AN OVERVIEW

- ✓ Principle of chemical hazard management;
- ✓ Introduce "The Cradle to the Grave" concept;
- ✓ Safe Handling and Use of Chemical.

MODULE 2: AN INTRODUCTION: CHEMICAL HAZARDS DUE TO CHEMICAL EXPOSURE

- ✓ Benefit & adverse effects of chemicals;
- ✓ Factors contributing to hazardous situation;
- ✓ Routes of entry;
- ✓ Fate of chemicals;
- ✓ Types of toxic effects.

MODULE 3: DUTIES & RESPONSIBILITIES IN MANAGING CHEMICALS

- ✓ Duties of Employer;
- ✓ Duties of Employees;
- ✓ Duties of Supplier.

DAY 2:

MODULE 5: CONTROL MEASURES OF RISK OF HAZARDOUS CHEMICALS

- ✓ List of hierarchy of control measures;
- ✓ Determine adequacy of control measures.

MODULE 6: THE METHOD OF HANDLING CHEMICAL SPILLS

- ✓ Identify the procedure to control chemical spillage;
- ✓ Steps to handle a chemical spillage;
- ✓ Spill & leakage procedure;
- ✓ Fire/Explosion and Fire Fighting.

MODULE 7: THE PERSONAL PROTECTIVE EQUIPMENT (PPE)

- ✓ The identification and usage of suitable PPE;
- ✓ The purpose & Types of PPE;
- ✓ Inspecting PPE.

MODULE 8: DISPOSAL OF CHEMICAL SPILLS – WASTE MANAGEMENT

**Closing Date for Registration:
05 March 2018**

flexiEdge Training PLT
Shoplot No. 9, Ground Floor,
Hotel Equatorial Penang,
1, Jalan Bukit Jambul,
11900 Bayan Lepas, Penang.
Tel/ Fax: 604-646 8377

<p>MODULE 4: CLASSIFICATION, LABELING AND SAFETY DATA SHEET OF HAZARDOUS CHEMICALS</p> <ul style="list-style-type: none"> ✓ Purpose of classification and labeling; ✓ CLASS Regulations 2013: <ul style="list-style-type: none"> ➢ Part 2: Classification; ➢ Part 3: Packaging; ➢ Part 4: Labelling: <ul style="list-style-type: none"> • In Relation to Physical Hazards; • In Relation to Health Hazards ➢ Part 5: Safety Data Sheet: <ul style="list-style-type: none"> • Definition of CSDS; • Sources of Hazard Information ➢ Part 6: Inventory of Hazardous Chemicals; ➢ Part 7: Revocation of CPL 97; ➢ First Schedule: Hazard Classification, Hazard Pictogram, Signal Word and Hazard Statement; ➢ Second Schedule: Hazard Pictograms; ➢ Third Schedule: Combined Hazard Statements; ➢ Fourth Schedule: Dimension of Label; ➢ Fifth Schedule: Cut-Off Value of Concentration. 	<ul style="list-style-type: none"> ✓ Step to dispose the chemicals spills as schedule waste; ✓ Proper storage and disposal of the waste. <p>MODULE 9: THE BENEFIT OF CHEMICALS MANAGEMENT</p> <ul style="list-style-type: none"> ✓ Immediate substantial cost saving; ✓ Enhanced pollution prevention; ✓ Reduction of health and safety risks and liability. <p>RECAP & CONCLUSION</p> <div style="text-align: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 15px; background-color: #ADD8E6; padding: 5px; display: inline-block;"> <p>HRDF Claimable under SBL Scheme</p> </div> <div style="border: 1px solid black; border-radius: 15px; background-color: #90EE90; padding: 5px; display: inline-block; margin-top: 10px;"> <p>CEP Points according to CEP Guidelines</p> </div> </div>
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Course Leader

Mr. Mohd Noor Bin Abdul Majid is a certified Safety & Health Officer by National Institute of Occupational Safety & Health (NIOSH), a Master holder in Occupational Safety & Health Management from Northern University Malaysia (UUM), In-House Diploma holder of ASIA PACIFIC Leadership Program, HRDC Certified Trainer and Certified Training Professional (CTP) under Asian Regional Training and Development Organization International (ARTDO). He is a highly qualified trainer with more than 16 years of industrial experience in the manufacturing environment. He is also University Malaya's lecturer for OSH program and trainer for Safety and Health Officer's program for NIOSH certification.

Mr. Mohd Noor has conducted numerous in-house and public training on Safety & Health related courses, to name a few : setting up effective Safety & Health Committee, Safety & Health Management in Manufacturing, Chemical Management, Chemical Spill Response Procedures, Accident Prevention & Investigation , HIRARC , Teambuilding, Leadership program and many others.

He is also Certified Assessor for Recognition Prior Learning (RPL) for The Great Britain College Consortium. His expertise is drawn from numerous years of hands-on experience in the various aspects of Occupational Safety and Health Management. His last position before be a full time trainer and consultant was Training, Development and Employee Relations Manager in an established manufacturing organization.

Mr. Mohd Noor has obtained his Master Degree in Safety and Health with UUM/NIOSH and has involved in the Food Safety & OSH Management system auditing as an Internal Auditor for GMP & AIB for Food Safety, HACCP, OHSAS 18001, ISO 14001 and ISO 9001. He has also attended Exploring Leadership program under Danisco Leadership Academy based in Denmark in Goa, India, Kuala Lumpur & Shanghai, China and successfully obtain the In-House Diploma.

Investment / Participation Fees

Normal fee: RM 850.00 / participant	10% group discount for three (3) or more registered participants from the same company or subsidiaries
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REGISTRATION FORM



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@ Sunway Hotel Seberang Jaya
11, Lebuh Tenggiri Dua, Bandar Seberang Jaya, 13700 Prai, Penang



No.	Name of Participant(s)	Designation	Vegetarian? (please tick ✓)
1			
2			
3			
4			
5			

**Closing Date for Registration:
05 March 2018**

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Shoplot No. 9, Ground Floor,
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Tel/ Fax: 604-646 8377

Registration Submitted By:		
Company Name:		
Company Address:		
Contact Person:		Designation:
Tel:	Fax:	Email:
Payment: Enclosed herewith Cheque/ Bank Draft (No. _____) amounting to RM _____ for () participant(s), crossed and made payable to "flexiEdge Training PLT". OR Bank in / transfer to our CIMB Bank A/C No.: 800 794 3431 and send us the bank in/ transaction slip.		
<p>Kindly send your completed registration form through email to Ms. Felicia Tham/ Mr. Quah Eng Siang at administrator@flexiedge.com.my or through fax to 04-646 8377.</p> <p>For further enquiry, please contact Ms. Felicia Tham/ Mr. Quah Eng Siang of flexiEdge Training PLT at Tel: 04-646 8377/ 012-479 8377/ 013-588 3355</p>		
Terms and Conditions		
<ol style="list-style-type: none"> 1. Fees are inclusive of program kits, refreshments, lunch and certificate of attendance. 2. Program confirmation will be notified through email before the program date. Kindly ensure the email provided is reachable. Please check your email, read the details especially the date, time and final venue and acknowledge the confirmation notification. 3. (a) Cancellation / notice of withdrawal must be given in writing (email) to us before program confirmation, no fee shall be charged. (b) No cancellation is allowed once our program confirmation is emailed to you. However, if registered participant is unable to attend, replacement is allowed. No shows shall be fully billed. No refund if participant/ replacement does not turn up on the training day. 4. flexiEdge Training PLT has the right to change the dates, time, venue, course leader or cancel the scheduled training due to unforeseen circumstances beyond its control. 		

*This program can be customised for In-House Training upon request.
Please contact Ms. Felicia Tham/ Mr. Quah Eng Siang @ 04-646 8377/ 012-479 8377 or email us at administrator@flexiedge.com.my
for more details or proposal.*