



TOTAL CHEMICAL SAFETY MANAGEMENT

1 **SEPTEMBER 12 & 13, 2022 (MONDAY & TUESDAY)**

8.45 AM – 5.00 PM **REMOTE ONLINE LEARNING VIA ZOOM**



10 CEP Points
approved by DOSH



This is a comprehensive course covering all the aspects of "cradle to grave" concept in hazardous chemical management which focus on receiving, transporting, storing, using and disposing of hazardous chemicals in accordance to the provision of Occupational Safety and Health related legislations.

....COURSE CONTENTS...

TOPIC 1: UNDERSTAND YOUR CHEMICAL

- What is chemical?
- Type of chemical hazards
- Common Causes of Chemical Incidents
- Swiss Cheese Accident Models

TOPIC 2: CHEMICAL RELATED REGULATIONS

- OSHA 1994
- OSH (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000
- OSH (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013

TOPIC 3: CRADLE TO GRAVE: TOTAL CHEMICAL SAFETY MANAGEMENT

- Cradle to Grave Concept
- Receiving, storage, transfer, dispensing and disposal of hazardous chemicals
- Risk control measures

TOPIC 4: SAFETY DATA SHEET (SDS)

- 16 sections in SDS
- SDS - a decision making tool
- Group activity (applying "cradle to grave" chemical management with SDS)

TOPIC 5: PERSONAL PROTECTIVE EQUIPMENT (PPE)

- DOSH-SIRIM PPE approval
- Selection of eye protection
- Selection of respiratory protection
- Selection of hand protection

TOPIC 6: EMERGENCY PREPAREDNESS & RESPONSE

- 6 steps to emergency planning
- Emergency response plan
- Incident command system
- Emergency response team
- Resources for emergency response

....TRAINER...

MR CHIN YIK HENG holds an Environmental Science Degree from University Kebangsaan Malaysia. He is a Professional Technologist certified by Malaysia Board Of Technologist (MBOT). He is also a certified Safety & Health Officer, Authorized Gas Tester and Scaffolder (Basic) by Department of Occupational Safety and Health (DOSH), certified Radiation Protection Officer by Atomic Energy Licensing Board (ALB). Chin started his career in semiconductor industry since 2005 and has more than 10-year hands-on experience in the specialty area such as Environmental Management System (ISO14001), Occupational Safety & Health Management System (OHSAS18001), radiation safety, fire safety, chemical safety, confined space safety, industrial hygiene, hazardous waste disposal, personal protective equipment and emergency response. He is also well-versed in Malaysia's Environmental and Occupational Safety & Health related Act & Regulations, namely OSHA 1994, FMA 1967, EQA 1974, AELA 1984 and Poison Act 1952.

MR CHIN has previously served a few notable organizations such as Unisem (M) Berhad, Linear Semiconductor Sdn. Bhd., Texas Instruments (Malaysia) Sdn. Bhd., MEMC Ipoh Sdn. Bhd and Resourceco Asia (Malaysia) Sdn. Bhd., assisted these companies in developing and maintaining an effective Environmental and Occupational Safety & Health Management System and continuously improving the environmental and safety performance of the organization. Chin is currently serving Universiti Tunku Abdul Rahman (UTAR) as a Specialist in Faculty of Engineering and Green Technology, he is also the person responsible in the curriculum development of Bsc (Hons) in Environmental, Occupational Safety & Health. Chin is also a freelance consultant who has extended his service to a few organizations such as Lembaga Air Perak (LAP), KIJ Ultra Supreme Filtration Sdn Bhd, MEMC Ipoh Sdn. Bhd., Sahabas Sdn. Bhd., Sinohydro Sdn. Bhd., China Communications Construction Company Ltd and Sandisk Storage Malaysia Sdn Bhd.

....TRAINING METHODOLOGY...

This course uses a combination of presentation materials for instruction and demonstration purposes along with interactive elements such as case study and practicals to keep the participants engaged with the training.

....OBJECTIVES...

The objective of this course is to provide participants with skills and knowledge required to work safely in environments which involve the receive, transport, storage, use and disposal of chemicals. It enhances the skills of participants to identify, evaluate and control the hazards involving chemicals.

....WHO SHOULD ATTEND...

EHS Manager / engineer / officer, technician / operator who handle chemicals in their work

....COURSE DETAILS...

Date **September 12 & 13, 2022 (Monday & Tuesday)**
Time **8.45am - 5.00pm**
Platform **Remote Online Learning via Zoom**
Medium of Instruction **English**
Fees **Members RM742.00/pax** **Non-Members RM901.00/pax**
(Fees inclusive of Service Tax at 6%, Downloadable Course Materials and Certificate of Attendance)

....ADMINISTRATIVE DETAILS...

HRD CORP CLAIMABLE COURSE DETAILS

- Training Provider: **FMM Institute Perak**
- MyCoID : **475427W_PERAK**
- HRD Corp Programme No: **Provided upon confirmation**

DISCLAIMER

The FMM Institute reserves the right to change the facilitator, date and to vary / cancel the course should unavoidable circumstances arise. All efforts will be taken to inform participants of the changes.

REGISTRATION

- Upon **Faxing/Mailing** the completed **Registration Form** to FMM Institute, you are **deemed** to have read and **accepted** the terms and conditions. The **course** would also be **deemed** as **confirmed** unless informed otherwise.
- Will be based on **First-Come-First served** basis.

....LEARNING OUTCOMES...

Upon completion of this course, participants will be able to;

- Identify and classify a hazardous chemical's class and type.
- Demonstrate ways to assess and manage the hazards associated with chemicals.
- Implement the proper procedures for responding to spills, emergencies, or injuries.

- ❖ *Download and install ZOOM app on your laptop/desktop before the Webinar session*
- ❖ *Good Internet / Wi-Fi connectivity*
- ❖ *Username and Password will be provided upon confirmation of Webinar session*

PAYMENT

- Cheques** made in favour of "FMM Institute" should be forwarded to FMM Institute Perak.
- For **SBL Scheme**, an **Attendance of 100% is a must**, in any case, **employers will be billed in full**.
- FMM Institute SST Registration No. **W10-1901-32000105**

CANCELLATION

- Must be in **Writing with Reasons**
- 7 days** before the course – **No payment** charged
- 3 – 6 days** before the course - **50% payment** charged
- < 3 days** before the course – **Full payment** charged
- Participants who did not turn-up will be charged full payment
- Replacements can be accepted at no additional cost

~ Registration Form ~

TOTAL CHEMICAL SAFETY MANAGEMENT

**CLOSING DATE:
SEPTEMBER 5, 2022**

FMM Institute

No 1, Lorong Raja DiHilir, 30350 Ipoh, Perak

Fax: 05-5488221

Dear Sir / Madam, please register the following participant(s) for the above programme.

	Name	Designation
1.		HP No
	NRIC	Email
2.	Name	Designation
		HP No
	NRIC	Email
	3.	Name
		HP No
	NRIC	Email

(Please attach a separate list if space is insufficient)

We hereby confirmed that (Please tick (✓) in appropriate box):-

- We **will be claiming under SBL-Khas Scheme** and full payment would made to FMM Institute in the event that no disbursement from HRDF under any circumstances
- We will **NOT BE CLAIMING under SBL-Khas Scheme**. Enclosed cheque/bank draft No _____ for RM _____ being payment for _____ participant(s) made in favour of the "FMM Institute".

Submitted by:

Name:	Designation:	
Company:	Tel:	Fax:
Address:		
Email:	FMM Membership No	