



<b>COURSE TITLE</b>	: Safety in the Use of Chemical (Remote Learning)	<b>COURSE CODE</b>	: STUC-RL
<b>COURSE DURATION</b>	: 2-day(s) / 13.00-hour(s)	<b>COURSE LEVEL</b>	: Basic
<b>COURSE CATEGORY</b>	: Non-Competency		
<b>HRD CORP SCHEME</b>	: Claimable		
<b>COURSE FEE</b>	: RM 432.00 (inclusive of 8% SST)		

**1. OBJECTIVE(S):**

At the end of the course, the participant will be able to:

- i. Explain regulation related to safe use of chemical.
- ii. Explain the basic concept of chemical management.
- iii. Describe the hazard communication elements.
- iv. Identify chemical hazard at workplace.
- v. Identify steps to control hazardous chemicals.

**2. TARGET GROUP(S):**

- i. Managers/ Executives.
- ii. Safety and Health Officers.
- iii. Safety and Health Committee members.
- iv. Supervisors and all levels of workers.
- v. Supplier of chemicals.

**3. ENTRY REQUIREMENT(S):**

- i. Must have device (Computer/Laptop) to participate in e-learning platform. The use of mobile phones is NOT PERMITTED; **AND**
- ii. Must have good internet connection; **AND**
- iii. Zoom account registered with personal email.
- iv. Must use Google Chrome or Mozilla Firefox only.

**4. TOPIC(S):**

- i. Chemical Management & Cradle to Grave Concept.
- ii. Health Effect and Toxicology of Chemical.
- iii. Control Measure and Personal Protective Equipment (PPE).
- iv. Fire, Explosion and Control.
- v. Emergency and Preparedness.
- vi. Legal Requirements on Chemical (USECHH 2000 and CLASS 2013).
- vii. Hazard Communication.



**5. LIST OF REFERENCE BOOK(S):**

- i. Occupational Safety and Health Act 1994.
- ii. OHSAS 18001:2007.
- iii. MS 1722:2011.
- iv. Chemical Safety Board (CSB).
- v. Guidelines for Hazard Identification, Risk Assessment and Risk Control (HIRARC), 2008.

**6. LIST OF TEACHING AID(S):**

- i. Computer/ Laptop.
- ii. Learning accessories.

**7. LIST OF CLASSROOM ACTIVITIES:**

- i. Lecture.
- ii. Discussion.

 	<b>NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH</b>		
	COURSE SCHEDULE		
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**COURSE TITLE: SAFETY IN THE USE OF CHEMICAL (REMOTE LEARNING)**

**DAY ONE**

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0815 – 0830	0.25	Registration	NIOSH
0830 – 0900	0.50	Introduction to the Course	NIOSH
0900 – 1030	1.50	1.1 Chemical Management & Cradle to Grave Concept	
1030 – 1045	0.25	BREAK	
1045 – 1145	1.00	1.2 Health Effect and Toxicology of Chemical	
1145 – 1300	1.25	1.3 Control Measure and Personal Protective Equipment (PPE)	
1300 – 1400	1.00	LUNCH BREAK	
1400 – 1530	1.50	1.4 Fire, Explosion and Control	
1530 – 1545	0.25	BREAK	
1545 – 1715	1.50	1.5 Emergency and Preparedness	
	<b>6.75</b>	<b>END OF DAY ONE</b>	

**DAY TWO**

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0900 – 1030	1.50	2.1 Legal Requirements on Chemical (USECHH 2000 and CLASS 2013)	
1030 – 1045	0.25	BREAK	
1045 – 1215	1.50	2.2 Hazard Communication (Safety Data Sheet (SDS) and Labelling)	
1215 – 1300	0.75	Classroom Exercise	
1300 – 1400	1.00	LUNCH BREAK	
1400 – 1500	1.00	Checklist/ Risk Mapping Exercise	
1500 – 1515	0.25	BREAK	
1515 – 1645	1.50	Picture (Discussion based on picture)	
1645 – 1700	0.25	Evaluation/ Closing	NIOSH
	<b>6.25</b>	<b>END OF THE COURSE</b>	