



COURSE TITLE	: Classification, Labelling and Safety Data Sheet of Hazardous Chemicals for Classifier	COURSE CODE	: CLASS2
COURSE DURATION	: 4-day(s) / 24.50-hour(s)	COURSE LEVEL	: Intermediate
COURSE CATEGORY	: Non-Competency		
HRD CORP SCHEME	: Claimable		
COURSE FEE	: RM1,080.00 (inclusive of 8% SST)		

1. OBJECTIVE(S):

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

- i. Explain the requirements of OSH (CLASS) Regulations 2013 and ICOP on Chemicals Classification and Hazard Communication 2014.
- ii. Explain the principle of classification and Labelling of hazardous chemicals.
- iii. Classify the chemicals based on the physical, health and environmental hazard.
- iv. Formulate the Safety Data Sheet (SDS).
- v. Produce labelling of hazardous chemical.
- vi. Manage Chemical Inventory Management System (CIMS).
- vii. Compile Classification Record.

2. TARGET GROUP(S):

- i. Manufacturers.
- ii. Supplier of chemicals.
- iii. Formulators.
- iv. Recyclers.
- v. Importers.

3. ENTRY REQUIREMENT(S):

- i. None.

4. TOPIC(S):

- i. Overview of CLASS and GHS.
- ii. Requirement of CLASS Regulation (inventory).
- iii. Confidential Business Information.
- iv. Principle of Classification of Hazardous Chemical.
- v. Physical Hazard.
- vi. Health Hazard.
- vii. Environmental Hazard.
- viii. Data Sources.



- ix. Safety Data Sheet (SDS).
- x. Labelling.
- xi. Chemicals Information Management System (CIMS).

5. LIST OF REFERENCE BOOK(S):



- i. Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.
- ii. Industry Code of Practice on Chemicals Classification and Hazard Communication, 2014.

6. LIST OF TEACHING AID(S):

- i. LCD projector.
- ii. Computer.
- iii. White board with accessories.
- iv. Flip chart with accessories.
- v. Checklist on inspection.

7. LIST OF CLASSROOM ACTIVITIES:

- i. Lecture.
- ii. Individual exercise.
- iii. Case study.

 	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH		
	COURSE SCHEDULE		
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COURSE TITLE: CLASSIFICATION, LABELLING AND SAFETY DATA SHEET OF HAZARDOUS CHEMICALS FOR CLASSIFIER

DAY ONE

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0900	0.50	Registration	NIOSH
0900 - 1000	1.00	Overview of GHS and CLASS	
1000 - 1030	0.50	Requirement of CLASS Regulation	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1215	1.50	Continuation	
1215 - 1300	0.75	Principle of Classification of Hazardous Chemical	
1300 - 1400	1.00	LUNCH	
1400 - 1515	1.25	Continuation	
1515 - 1530	0.25	AFTERNOON TEA BREAK	
1530 - 1630	1.00	Confidential Business Information	
	6.00	END OF DAY ONE	

DAY TWO

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0900 - 1030	1.50	Physical Hazard	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1215	1.50	Continuation	
1215 - 1300	0.75	Health Hazard	
1300 - 1400	1.00	LUNCH	
1400 - 1530	1.50	Continuation	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1630	0.75	Continuation	
	6.00	END OF DAY TWO	

DAY THREE

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0900 - 1030	1.50	Environmental Hazard	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1130	0.75	Data Sources	
1130 - 1300	1.50	Safety Data Sheet (SDS)	
1300 - 1400	1.00	LUNCH	
1400 - 1515	1.25	Labelling	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1530 - 1700	1.50	Exercise -Classification & Labelling of Substance	
	6.50	END OF DAY THREE	

DAY FOUR

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0900 - 1000	1.00	CIMS	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1245	2.50	Group Discussion -Classification, Labelling & Record of Mixtures	
1245 - 1400	1.25	LUNCH	
1400 - 1500	1.00	Continuation	
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 - 1645	1.50	Group Presentation	
1645 - 1715	0.5	Wrap-up & Closing	NIOSH
	6.00	END OF THE COURSE	