#### INSTITUT KESELAMATAN DAN KESIHATAN PEKERJAAN NEGARA

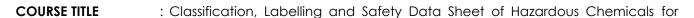
NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH



COURSE CURRICULUM

TEL: 03 - 8911 3800 FAX: 03 - 8926 3900

URL: www.niosh.com.my



Classifier

COURSE DURATION : 4-day(s) / 24.50-hour(s) COURSE CODE : CLASS2

COURSE CATEGORY: Non-Competency COURSE LEVEL: Intermediate

**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(\$):

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.

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- 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.

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| 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<br>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      |                       |

COURSE SCHEDULE NIOSH MALAYSIA



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# **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  |                       |

COURSE SCHEDULE NIOSH MALAYSIA