



| | | | |
|------------------------|---------------------------------|---------------------|---------|
| COURSE TITLE | : Safety In The Use Of Chemical | COURSE CODE | : STUC |
| COURSE DURATION | : 2 day(s) / 13.00 hour(s) | COURSE LEVEL | : Basic |
| COURSE CATEGORY | : Non-Competency | | |
| HRDF SCHEME | : SBL | | |
| COURSE FEE | : RM848.00 (inclusive of SST) | | |

1. OBJECTIVES:

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. -

4. TOPIC(S):

- i. Introduction of OS & H (Classification, Packaging and Labelling of Hazardous' Chemicals) Regulations 1997 and OS & H (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.
- ii. Fundamental of Chemicals.
- iii. Health Effects of Chemicals.
- iv. Fire and Explosion.
- v. Cradle to Grave Concept.
- vi. Chemical Safety Data Sheet.
- vii. First Aid.

5. LIST OF REFERENCE BOOK(S):

- i. -



INSTITUT KESELAMATAN DAN KESIHATAN PEKERJAAN NEGARA
NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH

KURIKULUM KURSUS

COURSE CURRICULUM

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

URL: www.niosh.com.my




6. LIST OF TEACHING AID(S):

- i. LCD Projector.
- ii. Computer.
- iii. White Board with accessories.
- iv. Flip Chart with accessories.

7. LIST OF CLASSROOM ACTIVITIES:

- i. -

Last updated on 29th April 2014 by NAJ, PDD

| | | | | |
|---|---|-------------|--------|------------|
|  | NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH | | | |
| | COURSE SCHEDULE | | | |
| | No. Dokumen | No. Pindaan | Tarikh | Muka Surat |
| NIOSH-PDD-CS-STUC | 00 | 01 Mar 2019 | 1 / 1 | |

COURSE TITLE: SAFETY IN THE USE OF CHEMICAL

DAY ONE

| TIME | HOOR | TOPICS | TRAINER/ FACILITATOR |
|-------------|-------------|---|----------------------|
| 0815 – 0830 | 0.25 | Registration | NIOSH |
| 0830 - 0900 | 0.50 | Introduction to the course | |
| 0900 - 1030 | 1.50 | 1.1 Chemical Management & Cradle to Grave Concept | |
| 1030 - 1045 | 0.25 | MORNING TEA 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 | |
| 1400 - 1530 | 1.50 | 1.4 Fire, Explosion and control | |
| 1530 - 1545 | 0.25 | AFTERNOON TEA BREAK | |
| 1545 – 1715 | 1.50 | 1.5 Emergency and preparedness | |
| | 7.25 | END OF DAY ONE | |

DAY ONE

| TIME | HOOR | TOPICS | TRAINER/ FACILITATOR |
|-------------|-------------|---|----------------------|
| 0900 - 1030 | 1.50 | 2.1 Legal Requirement on chemical (USECHH 2000 and CLASS 2013) | |
| 1030 - 1045 | 0.25 | MORNING TEA BREAK | |
| 1045 - 1215 | 1.50 | 2.2 Hazard Communication (Safety Data Sheet (SDS) and Labeling) | |
| 1215 - 1300 | 0.75 | Classroom Exercise | |
| 1300 - 1400 | 1.00 | LUNCH | |
| 1400 – 1500 | 1.00 | Checklist/ Risk Mapping Exercise | |
| 1500 – 1515 | 0.25 | AFTERNOON TEA BREAK | |
| 1515 - 1545 | 0.50 | Preparation for Presentation | |
| 1545 - 1645 | 1.00 | Presentation | |
| 1645 - 1700 | 0.25 | Evaluation/ Closing | |
| | 6.50 | END OF THE COURSE | |

Last updated on 01st March 2019 by PDD