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|------------------------|------------------------------------|------------------------|------------|
| <b>COURSE TITLE</b>    | : Inert Space Entry Training       | <b>COURSE CODE</b>     | : IET      |
| <b>COURSE DURATION</b> | : 5-day(s) / 28.50-hour(s)         | <b>COURSE LEVEL</b>    | : Basic    |
| <b>COURSE CATEGORY</b> | : Competency                       | <b>VALIDITY</b>        | : 2 years  |
| <b>HRD CORP SCHEME</b> | : Claimable                        | <b>EXAMINATION FEE</b> | : RM350.00 |
| <b>COURSE FEE</b>      | : RM2,322.00 (inclusive of 8% SST) |                        |            |
| <b>TOTAL FEE</b>       | : RM2,672.00 (inclusive of 8% SST) |                        |            |

**1. OBJECTIVE(S):**

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

- i. Understand the regulation requirement;
- ii. Identify hazards prior and during entry into the inert condition;
- iii. Be familiar with common inert entry equipment used;
- iv. Understand the safe operational procedure & simulation;
- v. Understand the emergency and rescue plan during operations and the basic CPR procedures to be taken in the event of an emergency; and
- vi. Be certified as A Competent Inert Entry Worker.

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

- i. For those who are going to work in inert condition.
- ii. Interested worker / parties.

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

- i. Already attended the course and passed the assessment for AESP/ AGT for Confined Space; **AND**
- ii. Possesses a medical health fitness certificate issued by OHD as stipulated in legislation or equivalent.

**4. TOPIC(S):**

- i. Regulatory Requirements.
- ii. Lesson Learnt.
- iii. Hazards of Responsibilities.
- iv. PTW Requirements.
- v. Operational Procedure.
- vi. Safe handling Of Catalyst.
- vii. Regulatory Requirements.
- viii. Inert Entry Equipment.
- ix. Emergency and Rescue Plan.



- x. Basic/ Administer CPR.

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

- i. Occupational Safety and Health Act 1994.
- ii. Industry Code of Practice for Safe Working in a Confined Space 2010.

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

- i. LCD projector.
- ii. Computer.
- iii. White board with accessories.
- iv. Flip chart with accessories.
- v. Manikin for CPR.

**7. LIST OF CLASSROOM ACTIVITIES:**

- i. Lecture.
- ii. Video learning session.
- iii. Demonstration and practical.

|   |   |                           |               |
|---|---|---------------------------|---------------|
|   | <b>NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH</b> |                           |               |
|   | COURSE SCHEDULE   |                           |               |
|   | Document No.<br>NIOSH-PDD-CS-IET                            | Revision No.<br>PDD120131 | Page<br>3 / 5 |

**COURSE TITLE: INERT SPACE ENTRY TRAINING**

**DAY ONE**

| TIME        | HOUR        | TOPIC   | TRAINER / FACILITATOR |
|-------------|-------------|---|-----------------------|
| 0830 - 0900 | 0.50        | Registration and Course Briefing  | NIOSH                 |
| 0900 - 1030 | 1.50        | Course Introduction<br>Chapter 1 - Regulatory Requirements  |                       |
| 1030 - 1045 | 0.25        | MORNING TEA BREAK   |                       |
| 1045 - 1230 | 2.75        | Continuation  |                       |
| 1230 - 1400 | 1.50        | LUNCH   |                       |
| 1400 - 1530 | 1.50        | Chapter 2<br><ul style="list-style-type: none"> <li>• Lessons learnt</li> <li>• Definitions</li> <li>• Hazards of inert space</li> <li>• Other hazards</li> </ul> |                       |
| 1530 - 1545 | 0.25        | AFTERNOON TEA BREAK   |                       |
| 1545 - 1700 | 1.25        | Continuation  |                       |
|             | <b>6.00</b> | <b>END OF DAY ONE</b>   |                       |

**DAY TWO**

| TIME        | HOUR        | TOPIC  | TRAINER / FACILITATOR |
|-------------|-------------|--|-----------------------|
| 0900 - 1030 | 1.50        | Chapter 3<br><ul style="list-style-type: none"> <li>• Roles and responsibilities</li> <li>• PTW requirement</li> <li>• Operational procedure</li> <li>• Safe handling of catalyst</li> </ul> |                       |
| 1030 - 1045 | 0.25        | MORNING TEA BREAK  |                       |
| 1045 - 1230 | 1.75        | Continuation   |                       |
| 1230 - 1400 | 1.50        | LUNCH  |                       |
| 1400 - 1530 | 1.50        | Chapter 4 - Inert Entry Equipment  |                       |
| 1530 - 1545 | 0.25        | AFTERNOON TEA BREAK  |                       |
| 1545 - 1700 | 1.25        | Continuation   |                       |
|             | <b>6.00</b> | <b>END OF DAY TWO</b>  |                       |

### DAY THREE

| TIME        | HOUR        | TOPIC  | TRAINER / FACILITATOR |
|-------------|-------------|--|-----------------------|
| 0900 - 1030 | 1.50        | Chapter 5 - Emergency and Rescue Pelan Procedure |                       |
| 1030 - 1045 | 0.25        | MORNING TEA BREAK                                |                       |
| 1045 - 1230 | 1.75        | Continuation                                     |                       |
| 1230 - 1400 | 1.50        | LUNCH  |                       |
| 1400 - 1530 | 1.50        | Chapter 6 - Administer CPR                       |                       |
| 1530 - 1545 | 0.25        | AFTERNOON TEA BREAK                              |                       |
| 1545 - 1700 | 1.25        | Continuation                                     |                       |
|             | <b>6.00</b> | <b>END OF DAY THREE</b>                          |                       |

### DAY FOUR

| TIME        | HOUR        | TOPIC  | TRAINER / FACILITATOR |
|-------------|-------------|--|-----------------------|
| 0900 - 1030 | 1.50        | Demonstration and practical of Inert Entry Equipment |                       |
| 1030 - 1045 | 0.25        | MORNING TEA BREAK                                    |                       |
| 1045 - 1230 | 1.75        | Continuation   |                       |
| 1230 - 1400 | 1.50        | LUNCH  |                       |
| 1400 - 1600 | 2.00        | Continuation   |                       |
| 1600 - 1615 | 0.25        | AFTERNOON TEA BREAK                                  |                       |
| 1615 - 1715 | 1.00        | Examination (Paper 1)                                | ECD                   |
|             | <b>5.25</b> | <b>END OF DAY FOUR</b>                               |                       |

**DAY FIVE**

| TIME        | HOUR        | TOPIC  | TRAINER / FACILITATOR |
|-------------|-------------|--|-----------------------|
| 0900 - 1000 | 1.00        | Paper 2: Case Study  |                       |
| 1000 - 1015 | 0.25        | MORNING TEA BREAK  |                       |
| 1015 - 1215 | 2.00        | Paper 3: Inert Space Entry Simulation /<br>Emergency & Rescue Simulation |                       |
| 1215 - 1430 | 2.25        | LUNCH  |                       |
| 1430 - 1530 | 1.00        | Continuation   |                       |
| 1530 - 1545 | 0.25        | AFTERNOON TEA BREAK  |                       |
| 1545 - 1700 | 1.25        | Wrap Up and Closing  |                       |
|             | <b>5.25</b> | <b>END OF THE COURSE</b>   |                       |