



<b>COURSE TITLE</b>	: Safe Operation of High-Pressure Water Jet Refresher	<b>COURSE CODE</b>	: HPWJR
<b>COURSE DURATION</b>	: 2-day(s) / 12.00-hour(s)	<b>COURSE LEVEL</b>	: Intermediate
<b>COURSE CATEGORY</b>	: Competency	<b>VALIDITY</b>	: 3 years
<b>HRD CORP SCHEME</b>	: Claimable		
<b>COURSE FEE</b>	: RM864.00 (inclusive of 8% SST)		

**1. OBJECTIVE(S):**

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

- i. Update information related legislation and regulations on HPWJ activities.
- ii. Review, gain knowledge and information technology and latest machines.
- iii. Duties and responsibilities.
- iv. Review the safe and healthy operation procedure.

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

- i. Expiring HPWJ competency level 1.

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

- i. Able to understand Malay or English.
- ii. Attended the course and passed the assessment HPWJ stage 1 and almost companionable qualifying period or within 6 months after the completion of qualification.

**4. TOPIC(S):**

- i. Overview Hazard & PPE.
- ii. Exercise 1 - Hazard Identification & PPE.
- iii. Inspection & Checklist.
- iv. Others Technology for HPWJ.
- v. Exercise 2 – Inspection.
- vi. Operational Procedure.
- vii. Exercise 3 - Unsafe Act & Condition.
- viii. JSA for HPWJ.

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

- i. Occupational Safety and Health Act 1994.
- ii. Factories and Machinery Act 1967.



**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. Lecture.
- ii. Discussion.
- iii. Exercise.

 	<b>NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH</b>		
	COURSE SCHEDULE		
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**COURSE TITLE: SAFE OPERATION OF HIGH-PRESSURE WATER JET REFRESHER**

**DAY ONE**

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0845	0.25	Registration	NIOSH
0845 - 0915	0.50	Video Presentation	
0915 - 1000	0.75	Group Discussion • Overview Hazard & PPE	
1000 - 1030	0.50	Exercise 1 - Hazard Identification & PPE	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1145	1.00	Inspection & Checklist	
1145 - 1215	0.50	Others Technology for HPWJ	
1215 - 1300	0.75	Exercise 2 - Inspection	
1300 - 1400	1.00	LUNCH	
1400 - 1500	1.00	Operational Procedure • Common Mistake • HPWJ Work Process - Flow	
1500 - 1530	0.50	Exercise 3 - Unsafe Act & Condition	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1645	1.00	JSA for HPWJ	
1565 - 1715	0.50	Exercise 4 - JSA Preparation	
	<b>7.00</b>	<b>END OF DAY ONE</b>	

**DAY TWO**

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0900 - 1000	1.00	Document preparation • Request Job • Inspection Checklist • JSA	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1300	2.75	Role Play Assessment	
1300 - 1400	1.00	LUNCH	
1400 - 1600	2.00	Continuation	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 - 1630	0.25	Discussion Session & Closing	
	<b>6.00</b>	<b>END OF THE COURSE</b>	