



COURSE TITLE	: Safe Operation of High Pressure Water Jetting	COURSE CODE	: HPWJ
COURSE DURATION	: 3 day(s)/ 12.25 hour(s)	COURSE LEVEL	: Basic
COURSE CATEGORY	: Competency	EXAMINATION FEE	: -
HRDF SCHEME	: SBL		
COURSE FEE	: RM 1,356.80 (inclusive of SST)		

1. OBJECTIVES:

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

- i. Outline legal requirement associated with high pressure water jetting activity.
- ii. Identify roles and responsibilities of parties involve in high pressure water jetting.
- iii. Identify personal protective equipment and safety features required.
- iv. Identify hazards associated with high pressure water jetting activity.
- v. Carry out high pressure water jetting activity safely.

2. TARGET GROUPS:

- i. Supervisor and operator.

3. ENTRY REQUIREMENT(S):

- i. Able to understand Malay or English

4. TOPICS:

- i. Lesson Learnt.
- ii. Introduction to high pressure water jetting.
- iii. Hazards and effects.
- iv. PPE requirement & Equipment.
- v. Water jetting in a confined space.
- vi. Checklist preparation.
- vii. Video.

5. LIST OF REFERENCE BOOKS:

- i. OSHA.
- ii. FMA.
- iii. ICOP for Confined Space 2010.



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

KURIKULUM KURSUS

COURSE CURRICULUM

TEL: 03 – 8769 2100 FAX: 03 – 8926 2900

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6. LIST OF TEACHING AIDS:

- i. LCD Projector.
- ii. HPWJ machine.
- iii. Practical ground.

7. LIST OF CLASSROOM ACTIVITIES:

- i. Lecture.
- ii. Discussion.

Last updated on 5th October 2012 by PDD

 	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH			
	COURSE SCHEDULE			
	No. Dokumen	No. Pindaan	Tarikh	Muka Surat
	NIOSH-PDD-CS-HPWJ	00	12 Dec 2012	1 / 2



COURSE TITLE: SAFE OPERATION OF HIGH PRESSURE WATER JETTING

DAY ONE

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0830 - 0845	0.25	Registration	
0845 - 0930	0.75	Video Presentation	
0930 - 1015	0.75	Lesson Learnt	
1015 - 1030	0.25	MORNING TEA BREAK	
1030 - 1130	1.00	Continuation	
1130 - 1200	0.50	Introduction to High Pressure Water Jetting	
1200 - 1300	1.00	Hazards and effects	
1300 - 1400	1.00	LUNCH	
1400 - 1530	1.50	PPE Requirement & Equipment	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1715	1.50	Continuation	
	7.00	END OF DAY ONE	

DAY TWO

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0830 - 0900	0.50	Review of day one	
0900 - 1030	1.50	Operational Procedures	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1200	1.25	Continuation	
1200 - 1300	1.00	Water Jetting in a Confined Spaces	
1300 - 1400	1.00	LUNCH	
1400 - 1415	0.25	Video	
1415 - 1500	0.75	Check list preparation	
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 - 1700	1.75	Written Assessment (Paper 1)	ECD
	5.25	END OF DAY TWO	

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DAY THREE

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0830 - 1030	2.00	Practical Training (On-Site)	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Practical Assessment (Group) – Paper 2	
1300 – 1400	1.00	LUNCH	
1400 – 1530	1.50	Continuation	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1700	1.25	Continuation	
	7.00	END OF THE COURSE	

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