INSTITUT KESELAMATAN DAN KESIHATAN PEKERJAAN NEGARA

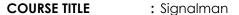
NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH

KURIKULUM KURSUS

COURSE CURRICULUM

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

URL: www.niosh.com.my



COURSE DURATION : 2-day(s) / 14.50-hour(s) COURSE CODE : SIGM
COURSE CATEGORY : Competency COURSE LEVEL : Basic

HRD CORP SCHEME: Claimable

COURSE FEE : RM848.00 (inclusive of 6% SST)

1. OBJECTIVE(S):

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

i. Explain the legal requirement related to lifting operation.

ii. Practice as rigger and signaller.

iii. Explain the load securing and transportation safety.

2. TARGET GROUP(S):

i. Crane operator.

ii. Rigger

iii. Signaller.

iv. Interested parties.

3. ENTRY REQUIREMENT(S):

i. 21 years old and above

ii. Hold a rigger certificate or experience in lifting works at least 3 years

iii. Physically and mentally fit; and

iv. Able to read and write either Bahasa or English.

4. TOPIC(S):

i. Introduction to Crane Handling and Management.

ii. Basic Crane Safety.

iii. Communication and Hand Signals.

iv. Lifting Equipment.

v. Rigging and Slinging Principles.

5. LIST OF REFERENCE BOOK(S):

i. Occupational Safety and Health Act 1994.

ii. Factories and Machinery Act 1967.

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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. Practical.

Note: Participant is required to bring along Personal Protective Equipment (E.g., Safety Helmet and Safety Boot) for the training session.

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NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH					
COURSE SCHEDULE					
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COURSE TITLE: SIGNALMAN

DAY ONE

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0900	0.50	Registration and Course Briefing	NIOSH
0900 - 1030	1.50	Management and Operation Crane	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Basic Crane Safety	
1300 - 1400	1.00	LUNCH	
1400 - 1530	1.50	Rigging and Slinging Principles • Load confirmation • Load configuration • SWL • COG • Basic angel • Rigging / slinging (secure the load)	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1730	1.75	Communication Signal	
	7.00	END OF DAY ONE	

DAY TWO

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 1030	2.00	Communication Signal	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Practical and Assessment • Signalman (signal)	
1300 - 1400	1.00	LUNCH	
1400 - 1530	1.50	Practical and Assessment Inspection and selection Rigging / slinging (secure the load)	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1700	1.25	Practical and Assessment Inspection and selection Rigging / slinging (secure the load)	
1700 - 1730	0.50	Assessment	Trainer
	7.50	END OF THE COURSE	

COURSE SCHEDULE NIOSH MALAYSIA