



<b>COURSE TITLE</b>	: Signalman	<b>COURSE CODE</b>	: SIGM
<b>COURSE DURATION</b>	: 2-day(s) / 14.50-hour(s)	<b>COURSE LEVEL</b>	: Basic
<b>COURSE CATEGORY</b>	: Competency		
<b>HRD CORP SCHEME</b>	: Claimable		
<b>COURSE FEE</b>	: 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 Slings Principles.

**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. Practical.

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

 	<b>NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH</b>		
	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 Slings Principles <ul style="list-style-type: none"> <li>• Load confirmation</li> <li>• Load configuration</li> <li>• SWL</li> <li>• COG</li> <li>• Basic angel</li> <li>• Rigging / slinging (secure the load)</li> </ul>	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1730	1.75	Communication Signal	
	<b>7.00</b>	<b>END OF DAY ONE</b>	

**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 <ul style="list-style-type: none"> <li>• Signalman (signal)</li> </ul>	
1300 - 1400	1.00	LUNCH	
1400 - 1530	1.50	Practical and Assessment <ul style="list-style-type: none"> <li>• Inspection and selection</li> <li>• Rigging / slinging (secure the load)</li> </ul>	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1700	1.25	Practical and Assessment <ul style="list-style-type: none"> <li>• Inspection and selection</li> <li>• Rigging / slinging (secure the load)</li> </ul>	
1700 - 1730	0.50	Assessment	Trainer
	<b>7.50</b>	<b>END OF THE COURSE</b>	