



COURSE TITLE	: Signalman	COURSE CODE	: SIGM
COURSE DURATION	: 2-day(s) / 14.50-hour(s)	COURSE LEVEL	: Basic
COURSE CATEGORY	: Competency		
HRD CORP SCHEME	: Claimable		
COURSE FEE	: RM864.00 (inclusive of 8% 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.

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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 BREAK	
1045 - 1300	2.25	Basic Crane Safety	
1300 - 1400	1.00	BREAK	
1400 - 1530	1.50	Rigging and Slings Principles <ul style="list-style-type: none"> • Load confirmation • Load configuration • SWL • COG • Basic angel • Rigging/ Slings (secure the load) 	
1530 - 1545	0.25	AFTERNOON 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 BREAK	
1045 - 1300	2.25	Practical and Assessment <ul style="list-style-type: none"> • Signalman (signal) 	
1300 - 1400	1.00	BREAK	
1400 - 1530	1.50	Practical and Assessment <ul style="list-style-type: none"> • Inspection and selection • Rigging/ Slings (secure the load) 	
1530 - 1545	0.25	AFTERNOON BREAK	
1545 - 1700	1.25	Practical and Assessment <ul style="list-style-type: none"> • Inspection and selection • Rigging/ Slings (secure the load) 	
1700 - 1730	0.50	Assessment	Trainer
	7.50	END OF THE COURSE	