



<b>COURSE TITLE</b>	: Basic Rigging and Slings	<b>COURSE CODE</b>	: BRS
<b>COURSE DURATION</b>	: 2-day(s) / 13.25-hour(s)	<b>COURSE LEVEL</b>	: Basic
<b>COURSE CATEGORY</b>	: Competency	<b>VALIDITY</b>	: 2 years
<b>HRD CORP SCHEME</b>	: Claimable	<b>EXAMINATION FEE</b>	: RM150.00
<b>COURSE FEE</b>	: RM594.00 (inclusive of 8% SST)		
<b>TOTAL FEE</b>	: RM744.00 (inclusive of 8% SST)		

**1. OBJECTIVE(S):**

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

- i. Explain the legal requirements 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. None.

**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.
- v. Gantry crane prototype.
- vi. Lashing equipment.
- vii. Lifting equipment.

**7. LIST OF CLASSROOM ACTIVITIES:**

- i. Lecture.
- ii. Discussion.
- iii. Practical.

	<b>NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH</b>		
	COURSE SCHEDULE		
	Document No. NIOSH-PDD-CS-BRS	Revision No. NAJ140624	Page 3 / 4

**COURSE TITLE: BASIC RIGGING AND SLINGING**

**DAY ONE**

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0900	0.50	Course Introduction	NIOSH
0900 – 1030	1.50	Pengurusan dan Pengendalian Kren	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1145	1.00	Sambungan • Komunikasi dan isyarat tangan <i>signalman/</i> operator	
1145 - 1300	1.25	Peralatan mengangkat • Jenis • Pemilihan dan pemeriksaan (konsep 4P pemilihan, penyimpanan, pemeriksaan, pengendalian)	
1300 - 1400	1.00	LUNCH	
1400 - 1530	1.50	<i>Rigging and Slings Principles</i> • <i>Load confirmation</i> • <i>Load configuration</i> • SWL • COG • <i>Basic Angel</i> • <i>Rigging / Ikatan (secure the load)</i>	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1645	1.00	Sambungan	
1645 - 1715	0.50	<i>Day 1 - Assessment</i>	
	<b>6.75</b>	<b>END OF DAY ONE</b>	

**DAY TWO**

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0900 - 1030	1.50	Praktikal dan Penilaian <ul style="list-style-type: none"> <li>• <i>Inspection and selection</i></li> <li>• <i>Rigging / Ikatan (secure the load)</i></li> </ul>	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Sambungan	
1300 - 1400	1.00	LUNCH	
1400 - 1530	1.50	Sambungan	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1700	1.25	Sambungan Penilaian Praktikal	
	<b>6.50</b>	<b>END OF THE COURSE</b>	