



COURSE TITLE	: Basic Rigging and Slings	COURSE CODE	: BRS
COURSE DURATION	: 2 day(s)/13.50 hour(s)	COURSE LEVEL	: Basic
COURSE CATEGORY	: Competency	EXAMINATION FEE	: RM150.00
HRDF SCHEME	: SBL		
COURSE FEE	: RM 583.00 (inclusive SST)		

1. OBJECTIVES:

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 GROUPS:

- i. Crane Operator.
- ii. Rigger.
- iii. Signaler.
- iv. Interested Parties.

3. ENTRY REQUIREMENT(S):

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4. TOPICS:

- 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 BOOKS:

- Occupational Safety and Health Act 1994
- Factories and Machinery Act 1967





6. LIST OF TEACHING AIDS:

- 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:

- Group Discussion



Last updated on 24th June 2014 by NAJ, PDD

 	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH		
	COURSE SCHEDULE		
	No. Dokumen	No. Pindaan	Tarikh
NIOSH-PDD-CS-BRS	00	24 Mac 2014	1 / 2

COURSE TITLE: BASIC RIGGING AND SLINGING

DAY ONE

TIME	HOUR	TOPICS	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 signalman/ 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 Sliding Principles</i> - <i>Load confirmation</i> - <i>Load configuration</i> - <i>SWL</i> - <i>COG</i> - <i>Basic Angel</i> - <i>Rigging / Ikatian (secure the load)</i>	
1530 - 1545	0.25	BREAK	
1545 - 1645	1.00	Sambungan	
1645 - 1715	0.50	<i>Day 1 - Assessment</i>	
	7.00	END OF DAY ONE	

 	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH			
	COURSE SCHEDULE			
	No. Dokumen	No. Pindaan	Tarikh	Muka Surat
NIOSH-PDD-CS-BRS	00	24 Mac 2014	2 / 2	

DAY TWO

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0900 – 1030	1.50	Praktikal dan penilaian - <i>Inspection and selection</i> - <i>Rigging / Ikatan (secure the load)</i>	
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	BREAK	
1545 - 1700	1.25	Sambungan penilaian praktikal	
	7.00	END OF THE COURSE	

Last updated on 24th March 2014 by NAJ, PDD