

(MA0164191-T)

No 8-A Jalan Melaka Raya 25,
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1. Course Title

HSD07-01 Lifting Supervisor (Modular) with Assessment

2. Course Objective

The course aim is to provide the skills and knowledge that will enable the participants to undertake Lifting supervisor task in accordance with applicable regulation and industry best practice

3. Target Participants

This course is designed to all appointed lifting supervisor, lifting person-in charge (PIC) or personnel assigned to plan and verify technical and engineering safety on lifting operation.

4. Learning Outcome

Upon successful passed the course assessment, the participants are expected qualified to carry out work associate with all basic and intermediate rigging competencies includes supervision of lifting and hoisting activities as per lift plan.

5. Entry Requirement

- a) Attended Basic Rigging and Slinging or equivalent
- b) Able to read English & B/Msia
- c) Able to perform to simple mathematics calculation



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6. Course Content (Modular)

Module	Content	Duration
Mod 1 of 3 Preparation & Verification of Lifting	<ol style="list-style-type: none"> 1) Roles of Lifting Supervisor 2) Review Basic Rigging principle 3) Load Assessment – Mass Weight & Dimension calculation 4) Composite Center of Gravity 5) Basic Wire Rope 6) Determine Safe Working Load 7) Load Equalizing Gear calculation 	2 days
Mod 2 of 3 Completed Rigging Work	<ol style="list-style-type: none"> 1) Ground Bearing capacity calculation 2) Multiple Crane lift calculation 3) Lift Plan preparation includes Load Chart study 	1 day
Completed Mod 1 & 2	<ol style="list-style-type: none"> 1) Undergone Lifting Supervisor Theory Assessment 2) Upon pass test, award certificate “Lifting Supervisor With Assessment”. 	Refresher every 3 years
Mod 3 of 3 Completed Complex Rigging	<ol style="list-style-type: none"> 1) Purchase System principle & calculation 2) Tilting Panel & Tailing Lifting 3) Gin Pole & Shear Leg 4) Span Rope & Flying Foxes 	1 day
Completed Mod 1,2 & 3	<ol style="list-style-type: none"> 1) Undergone Advance Rigging Assessment 2) Upon pass, award with ‘Advance Rigging’ certificates. 	No Validity

7. Course Level

Module 1 & 2 –Intermediate, Module 3 -Advance

