

SAFE LIFTING PRACTICE FOR SLINGERS/BANKSMAN

Objective:

The Learner will be able to do inspect lifting equipment and perform safe lifting operations

Content:

- Center of gravity (loads)
- Types of slings (wire, chain etc)
- Spreader and equalizer beams
- Inspection of Lifting Equipment
- Slinging Methods
- De-rating Factors
- Determining load mass (estimating)
- Lifting Procedures
- Other Lifting Equipment (Hooks, rings, links, swivels, eyebolts, turn buckles, blocks etc.)

Duration:

1 Day, Min 10 Learners / Maximum 15

Target Population:

An advanced course for Crane Operators, Slingers or Banksman.

RIGGING & SLINGING (Advanced PART I)

- **Objective:** After successful completion of this module, you will have the necessary knowledge and skills to:

- Discriminate between lifting tackle and lifting machines
- Know the examination and test frequencies for each
- Correctly complete inspection log sheets

This module will focus on the following:

KEY OUTPUTS

- Examination of lifting equipment

KEY COMPETENCIES

- Basic rigging
- Understand safety regulations and standards
- Communication
- Knowledge of tools and equipment
- Knowledge of parts and components
- Hand-eye co-ordination
- Observation

PRE-REQUISITES

- Identification of tools and equipment

ADVANCED RIGGING & SLINGING (Part 1 and 2)

Objective:

To skillfully perform specialized lifting of loads by means of a crane.

Content:

- Determining load mass (calculations)
- Center of gravity (calculations)
- Types of slings (wire, chain etc)

- Other Lifting Equipment
- Inspection of Lifting Equipment
- Advanced Slinging Methods (Rotation of loads, transverse slinging and tandem lifts, etc.)
- De-rating Factors
- Lifting Procedures

Duration: 5 Days, Min 5 Learners / Maximum 8

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