



Fulford

CERTIFICATION

Rigging Fundamentals Content Overview

Terminology

- Common rigging terminology

Rigging Calculations

- Calculate load weights
- Calculate Centre of Gravity
- Calculate sling tension
- Use rigging capacity charts

Rigging Inspection

Inspect rigging & apply rejection criteria:

- Wire rope, chain, nylon web & round slings
- Shackles, hooks & eye bolts

Rigging Hitches

Rig the following hitches:

- Single vertical hitch
- Single choker hitch
- Two legged basket hitch
- Two legged double wrapped basket hitch
- Two legged choker hitch
- Two legged double wrapped choker hitch

Hand Signals

- Demonstrate all common hand signals

Basic Knots

- Tie clove hitch, bowline & sheet bend

Tag Lines

- Effective use of tag lines
- When hands can be placed on the load

Lift Planning

Lift planning with respect to:

- The load
- Rigging
- Site assessment
- Lift path
- Communications
- Qualifications and roles of personnel
- Conditions for Critical Lift

Lift

Safely and securely rig, signal and land a load:

- Correctly sized and inspected rigging
- Correct use of hitch
- Correct calculation of sling angle
- Determine centre of gravity
- Centre hook over load
- Correctly use tag line
- Correct hand signalling
- Secure load before unfixing
- Remove and store rigging