



RIGGING/ BASIC SLINGING

DESCRIPTION:

Climbing Techniques, Safe Work At Height Techniques, Equipment Management, Behavioral Safety (Communications), Managing Loads At Height, Lifting And Lowering Loads, Using 1:1, 1:2 And 1:3 Pulley Systems

FOR WHO:

Qualified Fall Arrest and certified Riggers that needs to lift and lower loads of up to 150kg using Rope and Fall Arrest equipment.

COURSE CONTENT:

i. Part 1 Basic Slinging Course Content:

- Legislation regarding lifting equipment
- Equipment use and limitations
- Slinging principles
- Lifting plan overview

- 1:1 pulley system
- Explain free board.
- Loads on anchors.
- Knots
- Lifting plan overview
- Horizontal Lifting
- Vertical Lifting.
- Centre of Gravity
- Guide ropes and control
- Freeboard/ Headroom
- Anchors and anchor points
- Equipment limits
- Basic inspections and care

ii. Part 2 Rope Rigging:

- Pulley/ Hauling Systems
- 1:1 max 15kg.
- 1:2 max 50kg.
- 1:3 max 90 to 150kg.
- Must be able to lower all systems down with control
- Explain free board
- Loads on anchors.
- Knots
- How to haul various shaped objects
- Horizontal Lifting
- Vertical Lifting.
- Centre of gravity.
- Guide ropes and control.
- Freeboard/Headroom.
- Anchors and anchor points.
- Equipment Limits
- Basic inspections and care.
- Maximum lift per line 150kg