



Crane and Rigging 2-Days

Course Rate: **\$200 Member**
 \$250 Non-Member

Course Length: 2 Days
Min # of Participants: 9

On site course rates available

Course Format

Participants will learn the safe use of cranes and proper rigging techniques through a two-day **Crane Safety and Basic Rigging** theory program involving lecture, class discussion and audiovisual. The second day includes practical exercises on-site utilizing client's materials and equipment. Client is responsible for providing Crane/Boom Truck, Chain Falls, Slings, Shackles, Eyebolts; Boxes, Barrels, Pipe, Lumber, etc (Material to Lift).

Who Should Attend?

1. First line supervisors
2. Safety officers
3. Employees from all departments involved with loading, unloading and transportation of materials using lifting devices and overhead cranes, boom trucks, mobile cranes, etc.

Course Outline

DAY ONE

Crane Safety

- Job Planning
- Mental Checklist
- Crane Inspection
- Log Book as per OHS Commission Requirements
- Load Calculations
- General and Operational Safety Devices
- Load Capacity
- Use of Taglines
- Hazards of Light Loads
- Grounding of Cranes & Distances
- Importance of Hand Signals
- Tandem Loads

Theory of Basic Rigging

- The use of Charts for Slings and Eye Bolts
- Proper use of:
 - Eye Bolts
 - Shackles
 - Slings
 - Sling Protectors
 - Hooks
 - Basic Knots
- How to Remove Swing from a Load
- Hand Signals

DAY TWO

Crane Operations - Practical

- Stand Up Pipe
- Pick Up Barrels
- Load Swing
- Obstacle Course
- Long Loads at an angle: pick up and lower
- Sling Protectors
- Crane Drift & Lowering Speeds
- Flip Over a Box
- Emergency Stops
- Crane Set Up

Rigging - Practical

- Safe Job Planning
- Load Weight Calculations
- Equipment Inspection
- Proper Selection of Equipment Needed
- Proper Use of Cable Clamps
- Standing Up of Pipe
- Proper Use of Rope
- Hazards of Light Loads
- Use and Inspection of Turn Buckles
- Chain Fall Use and Inspection
- Tandem Lifts
- Turning Loads Upside Down



FOR MORE INFORMATION:

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