



## Riggers and Banksman Training Program



### Description:

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A variety of vehicles are used for many different tasks every day in workplaces nationwide, and some of these tasks can be dangerous. Banksman training ensures that an organization meets its legal requirements and reduces the risk of costly accidents when carrying out common, but dangerous, reversing maneuvers.

Rigging tends to be highly specialized job that cannot be accomplished by ordinary means of moving and material handling equipment. It is designed for moving and lifting objects weighing hundreds and thousands of pounds or kilograms in places where ordinary material handling equipment cannot go.

This training provides general advice on how to manage workplace rigging and transport safely. It also provides information on some risks associated with common vehicle and rigging operations, and how to deal with safety for each type of operation.

### Training Mechanism

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This interactive training/workshop provides intense learning opportunities provided through wide ranging discussions, presentations, related videos, group workshops, etc. The course characterizes sustained interest, enthusiasm and participation displayed by the participants throughout the program.

### Aim:

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The aim of this training is to help employers, managers and supervisors make rigging and vehicle accidents in the workplace less likely. It is suitable for medium and large industrial and commercial sites and for places such as construction sites, quarry and most other workplaces where transport and rigging are used, including smaller businesses.

## Course Objectives:

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- Learn practical techniques and hand signals to assist drivers in this manoeuvre
- The safe passage of reversing vehicles in confined spaces
- Identification of areas of danger within sites
- Guiding large goods vehicles, both rigid and articulated, using the Road Transport Industry Training Board recommended code of signals and standards.
- Describe OSHA Rigging safety requirements
- Describe the importance of rigging inspection and safety.
- Describe the procedures for inspecting chains.
- Describe best practices for chain handling and care.
- Describe how to prevent wire rope failure.
- Distinguish between abrasion, corrosion, and diameter reduction in wire rope.
- Distinguish between crushing, shock loading, and high stranding in wire rope.
- Describe procedures for inspecting natural fiber rope.
- Describe the types of defects that can occur in synthetic fiber rope.
- Describe procedures for inspecting slings, hooks, and shackles.

## Who Should Attend ?

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### This interactive training is useful for:

- Contractors, safety representatives, vehicle operators and other employees, trade associations, commercial landlords and other organizations concerned with transport safety in the workplace.
- Staff wishing to reduce risk and liability for their organization through sound transportation and safe equipment movement practices, principles and procedures;
- Employees involved in rigging and hoisting
- Supervisors responsible for rigging and hoisting

- Employees required to work on platforms
- Safety, Health and Environment teams
- Staff/operatives working within multi-disciplined team/builders.

## Course Contents:

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- Legislation & OSHA requirement
- Causes of accidents
- Safe site
- Safe vehicles
- Safe drivers
- Safety practices
- Banksman main tasks
- Safe Banksman operation
- Scope of the rigging activity
- Rigging components
- Technical knowledge
- Execution of Rigging Activity
- Hand signals
- Voice communication
- Basic knowledge of crane operations
- Situational awareness (how to take site specific considerations into account)
- Rigging Inspection and Safety
- Chains: Inspection
- Chains: Handling and Care
- Preventing Wire Rope Failure
- Wire Rope: Inspection
- Wire Rope: Handling and Care
- Wire Rope: Breaks

## Best Technology Solutions **(BTS)**

## Training Program

- Natural Fiber Rope: Inspection
- Synthetic Fiber Rope: Defects
- Slings, Hooks, and Shackles