

H S E

HEALTH

SAFETY

ENVIRONMENT



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Scaffolding, Rigging & Lifting: Safe Handling, Operation & Supervision

Duration: 5



Introduction:

This course is designed for those individuals who are required to do scaffolding, rigging & lifting, or supervise those doing scaffolding, rigging & lifting of varying types in the process of their duties. This course will help the candidates gain in confidence, from the experience gained on the course, as they realize these are

methods and safe systems of work used around the world in similar working environments. They will also gain in confidence with the knowledge they are competent, qualified and certificated to carry out or supervise the tasks they are required to do in scaffolding operations. **The course will cover:**

Scaffolding of different types

- Tube & fitting
- Mobile scaffolding
- System scaffolding
- Rigging & lifting
- Selection & inspection of lifting tackle
- How to connect to the load
- How to move the load safely

Who Should Attend?

Team Leaders, Managers, Line Managers, Supervisors, Team Leaders, Project Managers, Control Center Operators and Supervisors, Emergency Dispatchers, Security Personnel and CCTV Operators, HSE Officers, HSE Personnel, HSE Professionals, Emergency Response Team Members, HSE Managers and Auditors, Health & Safety and Environmental Professionals, Coordinators, Specialists and other full-time safety practitioners, Fire Officers, Loss Control Managers, Security Directors and Managers, Security Supervisors, Facilities Directors and Managers, HR and Administrative Managers with responsibility for security, Project Managers, Safety Inspectors, Plant Managers and Supervisors, Incident Control Point (Forward Control) Team Members,

Course Objectives:

By the end of this course delegates will be able to:

- How forces act and distribute itself on load
- How to establish the center of gravity, effective rigging points and techniques
- Select and apply appropriate rigging materials, tools and equipment
- Effective scaffold selection and use
- Communication codes and signals
- Procedures, equipment inspection and safety
- Legal requirements
- Scaffold fittings & lifting tackle identification & use
- Scaffolding, rigging & lifting terminology
- Inspection of scaffolding & lifting tackle
- Recording of inspections
- Scafftag system and its use
- Reasons for collapses of scaffolding
- Basic safety requirements

Course Outline:

Introduction:

- Legal requirements
- Scaffold fittings identification & use
- Lifting tackle identification & use
- Scaffolding terminology
- Rigging & lifting terminology
- Inspection of scaffolding
- Inspection of lifting equipment
- Different Types of Scaffolding in Use

Types of scaffolding

- Tube & fitting
- Kwikstage
- Cuplok
- Frames

Inspection of Scaffolding

- Mobile scaffolding
- The working platform
- The structure
- Video presentation
- Recording of inspections of scaffolding
- Scafftag system and its use

Working Safely on Scaffolding

- Reasons for collapses of scaffolding
- The wearing of harnesses to erect scaffolding
- SG4:05 and changes to it
- Inspection of harnesses

- Selecting & inspecting the correct lifting tackle

Rigging & Lifting

- Attaching the load to the lifting appliance correctly
- Estimating the weight of the load to be lifted
- Correct signs & signals to direct crane operations
- Correct procedure for lifting, moving & lowering loads safely