

Basic Rigging

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| Duration | 8 hours |
| Target group | Offshore - Industrial - Marine - Personnel looking to gain knowledge about the basics of Rigging |
| Prerequisites | <p>Trainees are expected to be in a good state of health and physically capable of taking part in and completing all practical exercises.</p> <p>ITEMS REQUIRED FOR TRAINING:</p> <ul style="list-style-type: none"> - When checking in for training, please have your GOVERNMENT ISSUED PHOTO ID with you (ie: Passport or Drivers Licences, etc.) - Coveralls - CSA Approved Footwear (safety boots) <p>PLEASE NOTE: Certificates CANNOT be issued unless valid Government issued ID has been presented on Day 1 of training for all RONC courses, including OPITO approved training.</p> |
| Objective | <p>Upon the completion of this course, candidates will be able to:</p> <p>Rigging Hardware</p> <ul style="list-style-type: none"> - Identification of types and application of rigging hardware to include: blocks; sheaves; hooks/latches; rings, links, swivels; shackles; turnbuckles; spreader and equalizer beams; cable clips; pad eyes; eyebolts; and wedge sockets/termination - Describe the application of each piece of rigging hardware. - Describe inspection points, how to inspect, and criteria for removal of each piece of rigging hardware. - Describe and explain safe and unsafe conditions for usage - Describe the purpose and proper use of different types/variations of basic rigging hardware under discussion - Describe rigging hardware working load limit (WLL) rating where applicable - Describe how to properly maintain hardware - Describe safe and proper storage techniques/practices for each piece of rigging hardware <p>Slings:</p> <ul style="list-style-type: none"> - Identification of types and application of slings and material to include: wire rope; synthetic; chain; and two-, three-, and four-leg bridle - Sling application (configuration and function); inspection/rejection criteria; angle and load tension; handling and storage - D/d ratio - Cargo nets and other basket types (e.g. bulk bags/flexible fabric) - Describe function, applications, and safety precautions of hitches (vertical, choker, basket) - Describe configurations to include different types of hitches (vertical, choker, basket) - Describe when to use and how to use - Describe the effect of the sling load at different sling angles - Describe safe and proper storage techniques/practices for all rigging |

hardware

Contents

Procedures and Precautions:

- Load control/taglines
- Describe the procedures and inspection for each type of personnel transfer equipment.
- Unbinding loads
- Personnel transfer/pre-lift considerations
- Sling handling and storage
- Determining load weights and center of gravity of load
- Softeners (e.g. wear pads)
- Attaching unused sling legs
- Improving sling efficiency
- Turning, securing, and placement of loads

Rigging Basics

- Pinch points/body positions,
 - Personal protective equipment (PPE)
 - Hand signals/radio communications
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Exam

Delegate necessary skills shall be evaluated through written assessment only. For successful completion, delegates must complete a written assessment in accordance with local standards