

Course code	OTC675
Course name	API RP 2D Qualified Rigger Training (16-hour)
Duration	2 days
Target group	Rigger personnel
Prerequisites	None
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 <p>Procedures and Precautions:</p> <ul style="list-style-type: none"> - 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 <p>Rigging Basics</p> <ul style="list-style-type: none"> - Pinch points/body positions, - Personal protective equipment (PPE) - Hand signals/radio communications
Contents	<p>This 2 day (16 hours) course will cover the following topics:</p> <ul style="list-style-type: none"> - Rigging Hardware - Slings - Procedures and Precautions - Rigging Basics
Exam	<p>Delegate necessary skills shall be evaluated through written, practical, and oral assessment. For successful completion, delegates must attain a minimum satisfactory score of 75% on a closed-book written assessment and 100% on all practical assessments in accordance with the latest edition of the API RP 2D standard.</p>