

COURSE OVERVIEW

API-U QUALIFIED OFFSHORE RIGGER – API RP 2D

This course will provide participants with the skills necessary to evaluate loads, select the appropriate slings, apply slinging techniques for performing the lifting of loads. Personnel will learn techniques to perform daily inspections, assess rigging safety and properly communicate with other riggers and crane operators to material handling/lifting procedures are conducted in a safe manner.

Participants will learn principles of crane movements and functions, rigging fundamentals for safe load shifting, load control methods, lifting equipment inspection procedures, communications, and load handling techniques.



PERFORMANCE CRITERIA

- Plan work
- Understand compliance with prevailing legislation
- Identify various rigging components
- Select correct rigging equipment
- Select correct hitch applications
- Inspect rigging hardware
- Use of Loose Items and use of Hardware
- Understand rigging fundamentals and crane operations
- Perform basic rigging calculations
- Understand fleet angles and Winch systems
- Responsibilities required when performing offshore rigging duties
- Demonstrate safe storage of rigging equipment.

INFORMATION

TARGET AUDIENCE

There are no prerequisites for this course

DURATION

3 DAYS

COST

POA

NUMBER OF PARTICIPANTS

Maximum 8



COURSE CONTENT:

- Identify correct and incorrect use of lifting equipment in accordance with manufacturers specification and industry standards
- Demonstrate knowledge of the regulations including marking, documentation, use, maintenance
- Understand daily inspection and criteria to determine lifting equipment serviceability
- Choose correct lifting equipment and show correct methods of use
- Direct crane operations safely using radio & hand signals
- Develop and implement a lift plan and Risk assessment
- Attach tagline to maintain load control and rotation during load movement
- Slings various types of load according to load characteristics, such as size, weight, shape and centre of gravity.
- Demonstrate safe rigging practices for blind, static and dynamic lifts
- Understand best practices and control treatments for lifting procedures in a range of environmental conditions
- Understand fundamental principles of load shifting with various cranes such as kingpost, knuckle boom and overhead.
- Demonstrate knowledge and skills required for theoretical and practical assessments.



CERTIFICATION

A Statement of Attainment will be issued upon successful completion by the RTO in accordance with our RTO Third Party Provider arrangement.

