



Offshore Rigger Training Syllabus

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Version 1

Page 1 of 2

Course Registration Contact: GCS Training Department
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Course Length: 1 day - 8 hours (in conjunction with Crane Operator Course)

COURSE OVERVIEW

This course is designed to train personnel in general aspects of rigging in accordance with API-RP-2D Latest edition. Classroom training identifies all major rigging hardware and components including review and discussion on all rigging safety requirements and principals, of proper, effective and safe rigging. Special emphasis given to inspection and maintenance procedures safety devices, load charts and proper communication are major training components. Completion of this course qualifies the candidate for a competency assessment administered by Gulf Crane Services. This course meets the API RP 2D latest edition requirements for a qualified rigger. A score 80% or better is required on written testing and hands on practical testing is required to successfully complete rigger competency training.

DESIGNED FOR

This course provides skills and knowledge necessary for candidate to begin functioning in the capacity of land and offshore rigging operations. Candidates will be qualified riggers for routine lifts, and serve in the capacity as a designated signal person (DSP) for qualified crane operators. It is designed to train and confirm rigger competency.

PREREQUISITES

Participants must meet the API RP 2D medical physical requirements prior to training. Student will supply necessary personal protection equipment such as gloves, a hard hat, safety glasses, and steel toe shoes or boots for hands on competency training.

OBJECTIVES

Participants should be able to assess rigging safety and recognize and inspect all types of rigging hardware. Student should effectively communicate with crane operators, plan and rig loads safely. Completion of this course qualifies Rigger Competency governed by Gulf Crane Services Rigger qualification procedures in accordance with API RP2D latest edition.

Regulatory Authority

BOEMRE/BSSE

API 2D

API 2C

OSHA

Rigging Equipment

Blocks, Sheaves

Swivels

Hooks, Safety Latches

Shackles

Pad Eyes, Eyebolts & Other

Turnbuckles

Spreader Beams

Cable Clips

Links, Rings & Swings

WIRE ROPE AND SYNTHETIC SLINGS

Sling Configuration

Rated loads

Sling Inspection

Cargo nets

Sling Angle

Sling types

Safe working limits

Personnel Baskets

Rigging Basics

Lift Planning

Load Control

Load Stability

Tag Lines

Procedures and Precautions

Inspection

Cargo Transfer

Rejection Criteria

Sling Storage

Personnel Transfer

Pinch Points

Unbinding Loads

Body Position

Sling Handling

PPE

Communication & Signaling

Radio Etiquette

Basic Hand Signals

Practical Rigging Exercise

Hands-On Practical training - physically demonstrating skills and documented

Final Exam