



Colston Safety and Training, Inc.

CRANE OPERATION

Brief: All crane operators must know the skills and responsibilities of the riggers that are working with them. For this reason, the program covers the same criteria as the Rigging course plus the procedures required to safely operate a crane.

TOPICS

Part I

- Introduction
- Major Crane Types and Components
- Attaching the Load
- Refueling Operations
- Hand Signals
- Using a Tape Measure
- Loose Gear
- Abused Wire Rope

Part II

- Attaching a Single Sling
- Attaching a Barrel
- Multiple Slings
- Loose Gear Inventory
- Hydraulic Crane Mechanics
- Mechanical Crane Mechanics
- Mechanical-Hydraulic Crane Mechanics
- Determining Lifting Capacities
- Emergency Procedure Guidelines
- Visual Crane Inspection
- Hands-On Demonstration

COMPLIANCE REQUIREMENTS

API RP 2d requires that all offshore crane operators be given eye tests, hearing tests, and trained in proper crane operations. ANSI B30 applies to onshore operators to follow the same criteria.

www.colstonsafety.com

26506 Oak Ridge Drive • The Woodlands TX 77380 • 877.391.6139