

RP 2D RIGGER

This course complies with API RP 2D current Edition required by the MMS & USCG for personnel involved in crane load rigging and handling loads. Students receive manuals and hands-on practical exercises to facilitate training. **This course is approved under the API Training Provider Certification Program required by the oil and gas industry for offshore crane operations.** Rigger training is required every 4 yrs. by the MMS.

1. Typical Causes of Crane Accidents
2. Rigger Responsibilities
3. Lift Planning
4. Loose Gear Items
 - A: Selection; Maintenance, Inspection, Capacity Determination
5. Slings (wire rope, synthetic strap, chain)- types of sling hitches; capacity
6. Padeyes
7. Shackles
8. Links
9. Cable Clips
10. Personnel Baskets/Cargo Nets and Equipment
11. Spreader Bars
12. End Connectors
13. Sheaves
14. Load Binders
15. Hooks/Blocks
16. Turnbuckles/Eye Bolts
17. Wire Rope
18. MMS Rigging PINCs
19. Loose gear inspection/Inventory report
20. Rigging Principles
 - a. Load Control Taglines/Stability
 - b. Lift Planning
 - c. Unbinding Loads
 - d. Personnel Transfer
21. Signaling/Communication
22. Loading/Offloading Operations
 - a. Loading Sequence
 - b. Personal Protective Equipment Use
 - c. Pinch points/Proper Positioning
23. Written Exam
24. Hands On evaluation- sling selection/inspection; load rigging, hand signals while conducting a lift operation involving numerous exercises.

Time: 5 Hrs.