

ONSHORE CRANE OPERATOR/RIGGER

This 8 hour complete crane operator course, required every 3 years, instructs the student on safe onshore crane operations, satisfying OSHA 29 CFR 1910.180 crane operator training requirements. Students receive an excellent manual and required forms. Physical qualifications evaluation (vision, depth perception, etc) is included in course.

Hands on evaluation can be covered at TRS or in the field on the specific crane in use (recommended).

Students must have completed a TRS Rigger course to sit for crane operator training.

Course Outline

1. Mobile Onshore Crane Operations
2. Crane Components
3. Maintenance (liquid levels, lubrication, housekeeping)
4. Loose Gear (measurement, general selection & uses of slings, thimbles, shackles, links, wire rope clips, baskets, spreader bars, end connectors, sheaves, binders, hooks)
5. Loose Gear Inventory Report
6. Wire Rope (types, uses, inspection)
7. Loose Gear Capacity (determination of loose gear lifting capacity)
8. Hand Signals
9. Tag Line Use
10. Rigging Principles
11. Lifting Barrels, two-sling use, loading & offloading operations
12. Visual Crane Inspection
13. Principles of Crane Operation
14. Crane Start-Up Procedures
15. Crane Controls
16. Crane Operating Techniques
17. Load Chart Use
18. Lift Considerations
19. Performance Demonstration
20. Lift Procedure Checklist
21. Emergency Procedure Guidelines
22. Certification Process (Forms supplied-Medical Update, Certification, Crane Inspection, Crane Use Log) Exam/ Performance Demonstration –evaluation of crane operation technique.

Times: 8 hrs.