

Rigging: NCCCO-Level 01

Any company that uses any kind of lifts or hoists has operators perform those lifts. This practical hands-on course teaches the how to safely rig and lift known weight loads, the most common rigging and lifting activity in industry.

Participants on this hoisting and rigging training program will learn about rigging safety and how to calculate the weight of a load, common hitch and sling types, ropes, and locating the load's center of gravity.

This hoisting and rigging training applies to you if your business is in mining, electrical facilities, transportation, construction, the military, forestry, firefighting, lumber production, or even rope rescue. The practical knowledge gained in our Rigging NCCCO – Level 1 training program will deliver a tangible improvement in both safety and on-the-job performance.

This course is also a test-prep course for the Rigger 1 NCCCO (National Commission for the Certification of Crane Operators) certification. NCCCO is an industry-certification designating someone as a **Qualified** rigger. Companies are increasingly requiring a **Qualified** rigger to address insurance costs and damaged-good costs.

NOTE: This is a test prep course. It does not result in NCCCO certification.

This course does not “designate” worker as qualified to do rigging. Only the Employer can do this.



Lecture
Hands-on



Duration
2 Days (10 hours)



ONSITE - IN CLASS TRAINING
2 days

WHAT THIS COURSE COVERS

- Overview of Principles and How To, including safety.
- Emphasis is on inspection of the rigging
- Six (6) types of rigging set-ups
- Known weights
- Centers of gravity
- practicum using client equipment
- Level 1 tasks

WHO SHOULD TAKE THIS

- General Maintenance
- Operators
- Electricians

COURSE OUTCOMES

- Safely lift known-weight loads
- Understand rigging safety
- Calculate proper load weights and load balancing
- Work with rigging hardware, sling materials, and hitches
- Apply to test for Level 1 NCCCO

COURSE AGENDA

- Pre-lift plan: Safety review / job safety audit
 - Identifying hazards activity
- Selection and inspection of equipment
 - Selection and Inspection Activity
- Avoiding hazards in the lift process
 - Lift hazards
- The five knots needed to complete tasks in rigging
 - Knot tying activity
- The lift process
 - Lift demonstration
 - Student lift activity
- Hands-on practical application by student
 - Rigging Inspection
 - Hitch Demo
 - Knot Demo
 - Lift Demo
- Final written assessment

