



Kistler Equipment in Partnership with CMCO Training

CMCO Crane & Hoist Inspection / Certification

3 day course: All classes run 8:00 am - 4:30 pm.

This 3-day seminar is the most comprehensive crane and hoist inspection training available anywhere and is applicable to all cranes and hoists regardless of manufacturer.

Top running and Underhung Cranes, Monorails, Electric, Pneumatic, Hand Chain and Lever Hoists are discussed in every detail. Students will gain competence in evaluating deficiencies and spotting safety related items, while learning to interpret Federal Regulations, National Standards and Crane and Hoist Specifications. Participants will receive a 280-page workbook filled with photos, charts and references to relevant standards for every inspection item discussed. All attendees will receive a Course Completion Certificate.

Certification is optional and requires passing a fifty question, multiple choice examination. Those successfully completing the exam will receive a laminated Crane Inspection Certification Card stating the individual has met the criteria set forth by Crane Manufacturers Association of America, Specification 78, and is Certified to Inspect Cranes and Hoists.

Topics Include:

- Crane and Hoist Configurations & Applicable Standard
 - OSHA 1910.179 & 184
 - ASME B30.2-10-11-16-17-20 & 21
 - CMAA Specification 70, 74 & 78s
- Inspection Classifications & Record Keeping Requirements
 - Every lift, Daily, Frequent and Periodic
- Load Testing
- Crane and Hoist Structure- Marking and Construction
 - Bridge, Cab, Trolley, Runway, Tracks, Switches, Stops & Bumpers, Wheels, Bearings, Couplings, Shafts, Guards
- Lever & Hand Chain Hoists- Pawl and Ratchet
 - Friction Brake
- Brakes- Holding Brakes / Motor Brakes (Disc and Drum)
 - Control Brakes / Load brakes (Power and Mechanical)
- Chain- Load Chain (Welded Link and Roller Chain)
 - Rigging Chain (For Below the Hook Devices)
 - Hand Chain

For more information call Kistler Equipment @ 402-896-9090



- Wire Rope, Hooks, Blocks, Sheaves & Drums
- Electrical Equipment
 - Motors, Brushes, Slip Rings & Commutators
 - Resistors, Contacts & Overloads
 - Controls (Floor, Remote & Cab)
 - Limit Switches, Warning Devices, Disconnects
- Below the Hook Devices (Time Permitting)
 - Friction, Structural, Vacuum & Magnet types
 - Slings, Shackles, Bolts