



OVERHEAD CRANE INSPECTOR CERTIFICATION PROGRAM

Training Overview

Top running and Under hung 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

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.

Has it been almost 2 years since you were certified? If so it is time to get re-certified. In order to qualify as a recertification, students must have completed CMCO's hands-on Overhead Crane & Hoist Inspection Certification training. Recertification after a 2 year period requires a person to repeat the 3 day Overhead Crane & Hoist Inspection Certification course



511 North Range Line Road Morristown, IN 46161
888-544-2121 / 765-763-8960 fax / www.CraneWerks.com

Training Highlights

Crane and Hoist Configurations & Applicable Standards

OSHA 1910.179 & 184

ASME B30.2-10-11-16-17-20 & 21

CMAA specification 70, 74 & 7

Crane and Hoist Structures

Marking and construction

Bridge, cab, trolley, runway, tracks, switches, stops & bumpers

Wheels, bearings, couplings, shafts, guards

Lever and hand chain hoists, pawl and ratchet, friction brake

Brakes

Holding brakes / motor brakes (disc and drum)

Control brakes / load brakes (power and mechanical)

Inspection Classifications & Record Keeping Requirements

Every lift, daily, frequently and periodic

Chain

Load chain (welded link and roller chain)

Rigging chain (for below the hook devices)

Hand chain

Electric Equipment

Motor, brushes, slip rings and commutators

Resistors, contacts and overloads

Controls (floor, remote and cab)

Limit switches, warning devices, disconnects

Below the hook devices (time permitting)

Friction, structural, vacuum and magnet types

Slings, shackles, bolts

Wire rope, hooks, blocks, sheaves and drums



Reserve your seat before
September 16th @
\$825/ Person
To register for the October
15th-17th training class
call 888-544-2121