TRAINING
OVERHEAD CRANES
HOISTS
RIGGING EQUIPMENT
KNOW HOW. KNOW WHY.
If safety is not your top priority, it is only a matter of time before an accident injures a worker – or worse.

Successful companies understand that training is an investment that pays. Fewer accidents, higher morale and greater productivity are but a few of the dividends. At Columbus McKinnon, we are committed to promoting safe and efficient use of overhead cranes and rigging equipment. Our professionally developed courses consist of lecture and hands-on training, highlighting safe rigging, maintenance and lifting. Students will learn proper care, inspection and application of all types of cranes and lifting equipment.

Our comprehensive, hands-on courses teach workers how to:
- Properly secure loads
- Conduct overhead crane, hoist and rigging gear inspections
- Properly inspect, select and apply rigging equipment
- Troubleshoot and repair mechanical and electrical systems
- Disassemble, inspect, adjust and reassemble all CMCO hoists
- Reduce downtime and maximize production
- Prevent injuries and deaths

Whether you need to meet OSHA or ASME requirements, receive Overhead Crane and Rigging Certification, or simply gain the peace of mind that comes from having a safer work environment, Columbus McKinnon can help. Training sessions are led by experienced, professional instructors with years of industry experience. All are members of national industry-related committees.
Our training curriculum is developed by product and safety professionals with over 100 years combined experience.

Our personnel become instructors only after years of industry experience and are recognized experts in their fields. Their knowledge of industry regulations, standards and specifications, along with technical expertise is unmatched by any training organization. Their credentials include electrical, mechanical, applications, design and manufacturing engineering, coupled with crane and hoist maintenance, installations, start up, modifications and crane operations. CMCO is the only training organization with this much talent gathered under one roof.

Tom Reardon
Training Manager, Overhead Cranes & Hoists
704.994.6212
tom.reardon@cmworks.com

Tom is a Training Manager with Columbus McKinnon Corporation, specializing in Cranes and Hoists. He is a member of ACRP and an OSHA Outreach Instructor. During his 25 years in the material handling industry, Tom has worked on crane modernizations, installations, technical support, field service, inspections, and crane operations. He has developed curriculum and delivered customized courses for corporations such as Boeing, Westinghouse, United States Navy Crane Center, International Paper, Nucor Steel, General Electric and many nuclear facilities across North and South America. Tom has conducted hundreds of public seminars and is a recognized expert in his field.

Peter Cooke
Training Manager, Mobile Cranes, Rigging & Load Securement
716.692.4145 ext 233
peter.cooke@cmworks.com

Peter holds a Bachelor of Science Degree in Industrial Engineering Technology. He dedicated 15 years to Columbus McKinnon Corporation as an engineer designing engineered lifts, slings and forgings. He has traveled throughout the world teaching proper rigging techniques, rigging gear inspection and hoist crane inspection and maintenance.

Henry Brozyna
Training Instructor
716.692.4145 ext 229
henry.brozyna@cmworks.com

Henry has dedicated 22 years to the material handling industry as an Associate for the Columbus McKinnon. He started as a machinists/fabricator constructing & assembling the conveyors for CMCO’s tire shredder. Shortly thereafter, Henry designed, built, and troubleshooted gantry type crane systems used as personnel assists for CMCO’s Medical Products Division. He spent the next several years as a hoist and crane quotation specialist. Soon after was promoted to the Cady Lifter division designing below the hook lifting equipment and specialty lifts and rigging. Henry has traveled throughout the world teaching proper rigging techniques, rigging gear inspection and hoist crane inspection and maintenance. Henry holds an Associate’s Degree in Mechanical Engineering Technology.

Jessie Jones
Training Coordinator
704.694.2156 ext 5524
jessie.jones@cmworks.com

Jessie is the Training Coordinator for Columbus McKinnon, responsible for course scheduling, student registrations, data entry and training website maintenance. Jessie has 17 years of dedicated service to our customers.

Perry Bishop
Technical Instructor, Overhead Cranes & Hoists
704.994.6254
perry.bishop@cmworks.com

Perry is a Technical Instructor with Columbus McKinnon Corporation specializing in Crane and Hoist Maintenance, Operator and Inspection Training. He brings to the classroom over two decades of training and industrial maintenance experience. Perry’s responsibilities have included plant maintenance, electrician and machine repair. He holds a degree in Industrial Electricity.

Dave Carmack
Certification Instructor for our CM Entertainment Division
276.475.3124 ext 1287
david.carmack@cmworks.com

Dave is a 34 year veteran of CM and has served many roles during his tenure. His experience ranges from 20 years of actual manufacturing and production of the Lodestar, and the mechanical and electrical construction of CM products. He also worked on troubleshooting and repair, and engineering research and development in his roles as Lab Technician and Product Engineer before becoming our Entertainment Trainer. Dave has taught classes on 5 of the 7 continents.

Christopher M. Zgoda
Technical Instructor
716.692.4145 ext 221
chris.zgoda@cmworks.com

Chris started his career as a Project Manager leading a team of crane technicians assisting in electrical trouble shooting, retrofitting crane electrification and motor controls. Later he made a career change to designing overhead transmission lines for National Grid.

Chris’ passion for material handling led him to Columbus McKinnon Corporation. He currently teaches industrial hoist, rigging and crane inspection/maintenance courses and is a trainer for the CM entertainment division. He holds a Bachelor of Science Degree in Electrical Engineering.
Whether you're training at one of our nationally-recognized Training Centers or on-site at your business, you can expect the same quality programs.

Niagara Training Center
The most comprehensive training center on the east coast, and the only training center in the northeast for overhead cranes, hoists and rigging equipment. Students can train on every Columbus McKinnon product including workstation, jib and mobile cranes. We also have a dedicated entertainment industry training area that includes a stage.

Our indoor and outdoor training facility is situated on a two-acre lot just 10 minutes from Niagara Falls. Students stay connected to their business with classrooms that feature Wi-Fi and video capabilities. The Niagara Training Center is home to the Hoist History Museum, with hoists from the 1870’s through today.

Hoist & Rigging Training Center of Excellence at COHAM, The Ohio State University
Columbus McKinnon offers a full complement of overhead cranes, hoists and rigging training at this full-scale research center on The Ohio State University campus. The Center for Occupational Health in Automotive Manufacturing’s (COHAM) advanced ergonomic studies have developed safe solutions for material handling with an immediate impact on injury risk and productivity.

Working with COHAM has helped major corporations reduce their injury costs by 70% or more. (Forbes, December, 2007)

On-Site & Regional Training
Columbus McKinnon can bring training to your location, so your personnel get trained on your equipment. We also offer classes at Regional Training Centers located in:

- Chicago, Illinois
- Houston, Texas
- Santa Fe Springs, California
- Wadesboro, North Carolina
QUALIFIED RIGGER
3 DAY WORKSHOP
PREP TRAINING IN BECOMING A QUALIFIED RIGGER & SIGNALPERSON
COURSE CODE: QRW-RIG

This 3 Day Workshop will prepare students to take the nationally accredited CIC Rigger/Signalperson Certification Exam, and Level 2 Advanced Qualified Rigger Certification Exam. Businesses may wish to seek certification as a way to verify and promote their employees’ knowledge of rigging.

Student will receive:
- Rigging Gear Inspection Class Workbook
- Basic/Advanced Rigger Class Workbook
- Rigging Gear Inspection Training Certificate
- Level 1 & Level 2 Rigging Training Certificates
- Signalperson Training Certificate
- OSHA 1910.184
- Rigging Field Pocket Guide
- Rigging Handbook
- Chain Inspection Kit

DAY 1:
RIGGING GEAR INSPECTION TRAINING
Participants learn the requirements of OSHA regulations and ASME guidelines for proper inspection and documentation of rigging gear inspection. OSHA requires inspections be done by competent personnel selected by the employer. This training will enable employers to deem their employee competent.

Course topics:
- Rigging hardware
- Slings (chain, wire rope, synthetics and metal mesh)
- Below the hook lifting devices
- Lever hoist and chainfalls

Students will be given the CMCO written and hands-on Inspection Exam to test knowledge of topics covered.

DAY 2:
BASIC RIGGING & SIGNAL PERSON TRAINING
Learn how to properly select and use slings and rigging equipment. Course also covers hand signal person requirements per OSHA 1926.1400, ASME B30.3 and ASME B30.5. Hands-on rigging training will be performed in conjunction with classroom training.

Course topics:
- Hitches
- Limitations of rigging equipment
- Knot tying: tagline use
- Effects on working load limits
- Rigging guide and chart interpretation
- Signalperson training

Students will be given the CMCO Basic Rigging Exam and Signalperson Exam to test knowledge of topics covered.

DAY 3:
LEVEL 2 ADVANCED RIGGING
Classroom work is applied in our hands-on rigging facility.

Course topics:
- Estimation of load weights
- Center of gravity determination
- Rigging block calculations
- Sling tension calculations
- Share of load weight calculations
- Load drifting calculations.

OPTIONAL DAY 4:
CIC RIGGER & SIGNALPERSON CERTIFICATION EXAM
(Call to take exam after you register for the 3 day workshop)

The final day of this workshop is for students wishing to take the optional CIC Rigger/Signalperson Certification Exam. Certification is not mandatory by OSHA. Additional fee for exam will apply. For those students wishing to take the exam in their area, visit www.craneinstitutecertification.com/rig-sign.php

TO REGISTER:
877.298.6511
www.cmcodepot.com
RIGGING CLASSES

LEVEL 1: BASIC RIGGING & SIGNALPERSON TRAINING
ONE DAY COURSE  COURSE CODE: BAS-RIG
Learn how to properly select, inspect and use slings and rigging hardware. Students will learn the requirements of OSHA regulations and ASME guidelines. Course also covers basic hitches, affects on working load limits, limitations of rigging equipment, load chart interpretation and proper knot tying. Hand signals are reviewed per OSHA 1926.1400, ASME B30.3 and ASME B30.5. Signalperson requirements are also covered along with what a signalperson needs to know about operations and limitations of cranes.

Student will receive:
- Basic Rigging Class Workbook
- Level 1 Rigger Training Certificate
- Rigging Field Pocket Guide

This course prepares students to take the accredited Level 1 Basic Qualified Rigger/Signalperson Exam that meets the state and federal OSHA requirements. Students can choose to take this optional exam at the end of the class. Additional exam fees apply. CMCO can assist companies set up for on-site exams.

LEVEL 2: ADVANCED RIGGING
TWO DAY COURSE  COURSE CODE: ADV-RIG
This course covers all aspects of Level 1 Basic Rigging. Topics covered in Level 2 include rigging math, calculating load weights, center of gravities, share of loads, sling tensions, load drifts and rigging block loads. Calculations are then applied in the hands-on rigging center.

Student will receive:
- Basic/Advanced Class Workbook
- Rigging Handbook
- Rigging Field Pocket Guide
- Level 2 Rigger Training Certificate

This course prepares students to take the accredited Level 2 : Qualified Rigger/Signalperson Exam that meets the state and federal OSHA requirements. Students can choose to take this optional exam at the end of the class. Additional exam fees apply. CMCO can assist companies set up for on-site exams.

RIGGING GEAR INSPECTION
ONE DAY COURSE  COURSE CODE: RIG-ISP
Come learn from rigging experts in the industry on how to insure a safe working environment. Participants learn how to properly inspect chain, wire rope and synthetic slings, below the hook lifting devices, manual hoists (chainfalls and lever tools) and rigging hardware. Inspections are performed per OSHA, ASME and manufacturer’s guidelines.

OSHA 1910.184 states “a thorough inspection of slings shall be made by a competent person designated by the employer. ASME B30.26 Rigging Hardware: inspection shall be performed by a designated person. This course will prepare participants in meeting the OSHA and ASME inspection standards for slings and rigging equipment.

Student will receive:
- Rigger Gear Inspection Class Workbook
- Chain Inspection Kit
- OSHA 1910.184
- Training Certificate of Completion

THE RETURN ON INVESTMENT FOR EVERY DOLLAR SPENT ON TRAINING IS 400%
— U.S. Department of Labor, 2002
**MOBILE CRANE OPERATOR SAFETY TRAINING**

**2 DAY COURSE  COURSE CODE: MOB-CRA**

This two day seminar will teach operator responsibilities, how to operate safely in accordance with OSHA 1926.1400 and industry standards: ASME B30.3, B30.5, B30.23. Learn how to properly set up, read load charts, recognize and avoid unsafe conditions associated with cranes and rigging. This fast paced program is loaded with exercises and workshops designed to enable you to improve crane operator safety on the job.

**Student will receive:**
- Mobile Crane Safety Workbook
- Mobile Crane Handbook
- Rigging Handbook
- Rigging Pocket Guide

This course helps prepare students to take the accredited CIC Qualified Crane Operator Written Exam that meets the state and federal OSHA requirements. CMCO can assist companies in setting up for on site exams.

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**LOAD SECUREMENT**

**1 DAY COURSE  COURSE CODE: CM-LDS**

This course is designed to educate those responsible for securing loads on over-the-road transportation vehicles and those responsible for enforcement. Course information is based on the North American Cargo Securement Standard incorporated in the regulations for the United States and Canada.

**Course topics:**
- CVSA guidelines, Federal and DOT requirements
- Tie down requirements (direct and indirect)
- Out of service and inspection criteria for rigging gear
- Requirements for general and specific loads such as:
  - Steel coils, concrete, construction equipment, cylindrical, logs, steel haulers and crushed car haulers
- Load placement and securement to a vehicle
- Forged securement hardware versus castings
- Drivers responsibility

**Student will receive:**
- CVSA Load Securement Handbook
- Certificate of Course Completion

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*EVERY DAY IN AMERICA,*

**12 PEOPLE GO TO WORK & NEVER COME HOME.**

— Secretary of Labor Hilda Solis, Department of Labor
RIGGING: TRAIN THE TRAINER
4 DAY WORKSHOP  COURSE CODE: RIG-TTT
AVAILABLE ONLY AT THE NIAGARA TRAINING CENTER
This workshop incorporates topics covered in Level 1: Basic Rigging & Signalperson, Rigging Gear Inspection, and Level 2 Advanced Rigging coupled with hands-on rigging training.

Course topics:
- Level 1: Basic Rigging & Signalperson
- Level 2: Advanced Rigging
- Calculating load weights, center of gravities, share of loads, sling tensions, load drifts and rigging block loading.
- Rigging Gear Inspection Course
- Hands-on rigging
- How to be a trainer (lecture and presentations)

Student will receive:
- Rigging Gear Inspection Class Workbook
- Basic & Advanced Rigger Class Workbook
- Train the Trainer Workbook
- Rigging Gear Inspection Class Workbook
- Rigger's Handbook
- OSHA 1910.141

Students must take and pass the mandatory CIC Certified Level 1 Basic Rigger Signalperson Exam at the completion of the course. Exam is included in tuition fees.

LOAD SECUREMENT: TRAIN THE TRAINER
2 DAY WORKSHOP  COURSE CODE: CM-LDSST
This workshop will educate those responsible for securing loads on over the road transportation vehicles and those responsible for enforcement. Course information is based on the North American Cargo Securement Standard incorporated in the regulations for the United States and Canada. This workshop is designed for companies needing to develop an in-house training program. The program is presented in its entirety. Participants then learn how to develop proper training/communications techniques, exercises and workshops and equipment required to deliver professional presentations. The CMCO Load Securement Training powerpoint and training materials will be made available for purchase after completion of this class.

Student will receive:
- CVSA Load Securement Handbook
- Train the Trainer Handbook
- Certificate of Course Completion

OVERHEAD CRANE OPERATOR: TRAIN THE TRAINER
2 DAY WORKSHOP  COURSE CODE: OT-TT
All personnel responsible for training and overseeing crane operators will benefit from this class. This course consists of our Operator Training Class on the first day. The second day focuses on training techniques, development of effective course material and hands-on instruction. This workshop can be conducted at the customers’ facility or one of our regional training centers. Materials will be made available for purchase after completion of this class.

Course topics:
- OSHA, CMAA and ANSI/ASME B30 regulations as they apply to hoist and crane operators
- Proper lifting techniques
- Hand signals
- Hands-on crane exercises
- Operator responsibilities
- Pre-operational inspection requirements
- Identifying unsafe situations
- Basic rigging safety
- Developing effective training materials and techniques

Student will receive:
- Course Workbook
- Certificate of Course Completion
- Safety Saves Operator Training Kit with material for 20 students
Market demand for highly qualified technicians grow every year while OSHA, ASME, CMAA and HMI maintenance, repair and testing standards get more stringent.

This intense workshop is designed to improve the skill level of hoist service and repair technicians through intense training and testing on CM, Budgit, Chester, Coffing and Yale electric, air and manual hoists. The program will measure the skills necessary for competent job performance by testing the technician's knowledge of diagnostics and repair procedures per the latest industry standards, and CMCO repair and service guidelines. Students will have the opportunity to receive certification on all CMCO brands as well as individual brands.

Why Get Certified?
- Knowledge and skills can be recognized
- Ensures consistent quality service standards
- Establishes technical competence and increases credibility
- Industry recognized hoist repair and service professionals
- Basic air and electrical theory
- Understanding and troubleshooting the hoist's electrical system
- Load Chain inspection
- Motor and Load Brake inspection
- Frequent and periodical maintenance and inspection procedures

Course topics:
- Hoist identification
- Reading a wiring diagram
- Mechanical Brake maintenance
- Gearing
- Review of applicable industry standards: B30’s, ASME HST Performance Standards, NFPA-70
- Frequent and periodical maintenance and inspection procedures

Hands-on training:
- Complete disassembly, inspection and rebuild of over 18 electric, air and manual hoists

Student will receive:
- Student Workbook
- Certificate of Course Completion
- Flash drive with Technical Bulletins, Wiring Diagrams, and all Operator & Maintenance Manuals

Students will be given CMCO Certification Exams at the end of each day to test their knowledge of electric, air and manual hoist standards related to testing and inspection. Certification is good for 5 years.
WIRE ROPE HOIST REPAIR CERTIFICATION
2 DAY WORKSHOP  COURSE CODE: YSB-WSS

Now being offered at our Niagara Training Center

This certification workshop gives students an excellent opportunity to learn proper maintenance and inspection techniques on wire rope electric hoists. ASME/ANSI and OSHA standards and regulations are covered. This course is ideal for those technicians who already have been certified as a CMCO Chain Hoist Repair Technician. This course allows technicians to add a Level 2 to their existing certification. It is not mandatory to take the CMCO Chain Hoist Repair Technician course before taking this course.

Course topics:
- Hoist identification
- Understanding the hoist’s electrical system
- Mechanical Brake maintenance
- Sheaves and Wire Rope Drum inspection
- Review of applicable industry standards: B30’s, ASME HST Performance Standards, NFPA-70
- Frequent and periodical maintenance and inspection procedures
- Basic electrical theory
- Reading a wiring diagram
- Wire Rope anatomy and inspection
- Gearing
- Motor and Load Brake inspection

Hands-on training:
- VFD programming for CMCO hoists
- Complete disassembly, inspection and rebuild of each hoist
- Troubleshooting (must repair and test for proper operation)
- Load-testing procedures
- Trolley installation

Products for Hands-On:
- Shaw Box 700 and 800 Series
- Yale Cable King
- Shaw Box World Series / Yale Global King Wire Rope Hoists

Student will receive:
- Student Workbook
- Certificate of Course Completion

Students will be given the CMCO Wire Rope Hoist Certification Exam at the end of the workshop. Certification is good for 5 years.
LITTLE MULE UTILITY HOIST MAINTENANCE CERTIFICATION
1 DAY COURSE
COURSE CODE: UTL-CRT

This hands-on class is designed for those responsible for maintenance, inspection and testing of Little Mule® utility products. Instruction includes disassembly, inspection, adjustment, and reassembly of the G-Series roller chain hoist, RA Series welded link chain hoist, and Lineman’s Strap Hoists. Class size is limited to 10 students to assure maximum hands-on.

Course topics:
- OSHA 1910.269 & ASME B30-21 regulations
- Hoist inspection and testing
- Load Chain and Web Strap inspection
- Hook inspection criteria
- Comparison of Lever Hoists
  - Ratchet & Pawl design
  - Weston Brake design
- Wire Grip applications and configurations

Hands-on training:
- Disassembly
- Inspection
- Adjustments
- Re-Assembly

Student will receive:
- Student Workbook
- Certificate of Course Completion

CMCO Little Mule Utility Hoist Certification is optional and requires passing a multiple choice examination. Those successfully completing the exam will receive certification which is valid for 5 years. There is no additional charge for certification.
OVERHEAD CRANE & HOIST INSPECTION CERTIFICATION
3 DAY COURSE COURSE CODE: CRH-CRT

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.

Course topics:
- Crane and Hoist Configurations & Applicable Standard
- OSHA 1910.179 & 184
- ASME B30.2-10-2016-2017
- CMAA Specification 70, 74 & 78s
- Inspection classifications & record keeping
  Requirements: Every lift, daily, frequent and periodic

Load Testing

Crane & Hoist Structure Marking & Construction
- Bridge, Cab, Trolley, Runway, Tracks, Switches, Stops & Bumpers, Wheels, Bearings, Couplings, Shafts and Guards

Lever & Hand Chain Hoists: Pawl & Ratchet
- Friction Brake

Brakes: Holding Brakes / Motor Brakes (Disc & Drum)
- Control Brakes / Load brakes (power and mechanical)

Chain: Load Chain (Welded Link and Roller Chain)
- Rigging Chain for Below the Hook Attachments
- Hand Chain

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

Student will receive:
- 140-page Student Workbook
- OSHA 1910.179 Standards
- Certificate of Course Completion

CMCO Overhead Crane & Hoist Inspection Certification is optional and requires passing a 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.

OVERHEAD CRANE OPERATOR TRAINING
NCCCO OVERHEAD CRANE CERTIFICATION PREP COURSE
2 DAY COURSE WITH OPTIONAL 3rd DAY COURSE CODE: OP-TRN

Any personnel responsible for operating cranes will benefit from this class. Conducted at the CMCO Training Center, this course is a combination of classroom and hands-on instruction that ensures maximum learning.

Students will acquire a working knowledge of:
- OSHA, CMAA and ANSI/ASME B30 regulations
- Pre-operational inspection requirements
- Operator responsibilities
- Hoist and crane components and their functions
- Identifying unsafe situations
- Basic rigging
- Hand signals

Student will receive:
- Full day of hands-on overhead crane operations
  at our training facility
- 120-page Student Workbook
- Certificate of Course Completion

OPTIONAL DAY 3: NCCCO Overhead Crane Operator Certification Exams
(Call to take exam after you register for the two-day class.)

The optional third day of this course is for students wishing to take the optional NCCCO Overhead Crane Operator Certification written and practical exams. Certification ensures your crane operator meets a minimum level of competency and promotes further education and training. Certification is not mandatory by OSHA. Additional fee for exams will apply. For those students wishing to take the exam in their area, visit: http://www.nccco.org.
STATIC STEPLESS CRANE CONTROLS

3 DAY COURSE  COURSE CODE: STA-STP

Static Stepless™ is a wound rotor motor crane control installed on cranes since the 1960’s. Arguably the most reliable and durable AC motor control ever offered, hundreds of cranes equipped with this system are still in service and will remain for the foreseeable future. Until now, this training has been offered only by the manufacturer and unavailable to crane service providers outside Kone’s service division.

This course is designed for personnel performing routine crane electrical maintenance and responding to breakdowns. Students will gain a thorough understanding of system operation enabling them to identify problems early. Instruction begins with the basics and progresses through comprehensive coverage of every section of the controls. Students will receive detailed explanations of each module’s function while learning troubleshooting tips, set-up procedures and fine tuning adjustments not provided in the manufacturer’s service bulletins.

To get the most out of this training, students should have experience in troubleshooting motor control systems and a basic understanding of electronic principles.

Course topics:
- OSHA power distribution
- Power supplies
- Magnetic amplifiers and saturable reactors
- Block diagrams
- Motors and electric load brakes
- Control modules and circuits

Student will receive:
- 160-page Student Workbook
- Certificate of Course Completion

OVERHEAD CRANE & HOIST FREQUENT / MONTHLY INSPECTION

1 DAY COURSE  COURSE CODE: MON-ISP

This class is designed for personnel responsible for performing frequent or monthly inspections of overhead cranes and hoists. Students will learn to properly conduct and document these inspections in compliance with OSHA Regulations and ASME Standards.

Training is a combination of classroom instruction and hands-on inspection to ensure maximum learning benefit is achieved.

Course topics:
- Crane and Hoist Configurations & Applicable Standards
- Inspection classifications & record keeping requirements
- Required daily inspections
- Monthly inspection & rejection criteria established by OSHA & ASME:
  - Hooks, wire rope, chain, sheaves, Controls, limit switches, warning devices & disconnects. Brakes and Load Limiters
  - Additional instruction to include Sling and below the hook device standards
- Hands-on inspection and operational testing
- Load testing

Student will receive:
- 140-page Student Workbook
- OSHA 1910.179 Standards
- Certificate of Course Completion

“...I’VE SAT THROUGH FREE TRAINING FROM THE COMPETITION THERE IS NO COMPARISON CMCO IS FAR & AWAY THE BEST”
— Matthew Hoving, Product Manager Fasteners/Lifting & Rigging

TO REGISTER:
877.298.6511
www.cmcodepot.com
SAFETY SAVES OVERHEAD CRANE OPERATOR TRAINING KIT
MATERIAL FOR UP TO 20 STUDENTS  COURSE CODE: SAFETY-KIT

This training kit is designed for companies needing additional training materials for their own in-house training program. Ideal for continued education or a refresher for trained crane operators this program should be administered by a knowledgeable trainer. The kits contains enough material for a class up to 20 students. It is recommended that you take the Overhead Crane: Train the Trainer Workshop before you purchase this kit.

Kit contents:
- Course introduction and outline booklet for trainers
- Video (DVD) covering crane types, signals, rigging and safe overhead crane practices.
- Video Viewing Forms for trainees to sign for viewing verification
- Question and Answer period along with discussions on local laws, codes and/or company policies regarding safe crane and hoist operation not covered by the video.
- Written Exam
- Review of exam answers
- Video Viewing Forms for trainees to sign for verification
- Hand out leave-behind Items:
  - Safety Booklet
  - Pre-Operation Checklist Pads
  - Chain and Wire-Rope Gages
  - Hard Hat Stickers
- Class Participation Certificates for distribution
- Operator Licenses (if applicable) for distribution
- Safety Posters for hanging near operations.
- In-Plant Pre-Operation Exam (if applicable)