

Accident Prevention Through Education

If you are truly interested in making a difference in the lives of those you are tasked with protecting, you must realize that effective training not only transfers information, but also delivers the course material in such a way that the combination of information and delivery facilitates student retention as well as an ability to properly use the lessons learned.

Our regular training courses or customized training programs can be presented at your location. You may also register to attend regularly scheduled events at the Lift-It® Learning Center, a state of the art training facility in Pomona, CA.

Consider the many benefits of attending the complete five day, modular training program Sling and Rigging (16 Hour), Sling & Rigging Hardware Inspection I (Pre-Use - 8 hour) and Train-the-Trainer (16 hour). You also have the option of hosting a private, corporate event at the Lift-it Learning Center.

Our list of corporate clients is virtually endless, and we have been told on more than one occasion that not only safety consciousness, but morale was dramatically increased as a result of our training. We had never considered ourselves to be motivational speakers or team builders and don't charge extra for these invaluable spin off benefits!

One of our training clients who has requested multiple presentations over many years remarked, "What I really like about your training, is that you don't just teach about slings and rigging, you provide my people with a safety mentality for life. They are actually safer on the weekends, at home because of your message".

You have our personal guarantee that our training will be the best you have ever experienced.

If together, we prevent just one accident, then we have accomplished our objective.

Flight Information

Flight reservations should be made into Ontario Int'l Airport. (Please ensure: Ontario, CALIFORNIA (NOT Ontario, Canada)

Conference Location

Lift-It® Learning Center
1603 West 2nd Street
Pomona, CA 91766
Phone 909.469.2251

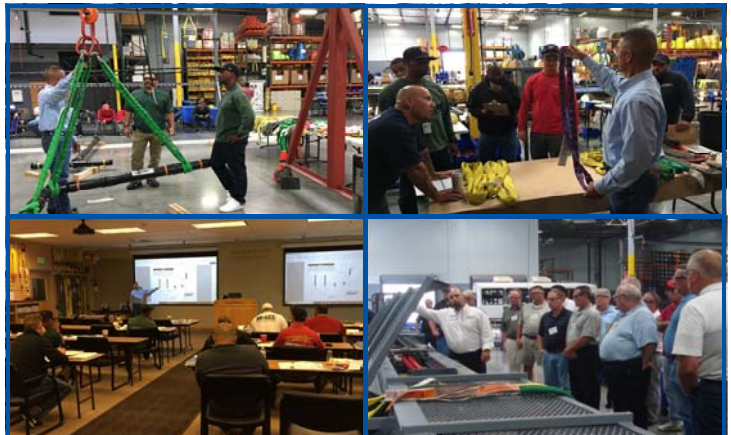
Pomona - California -
Home of the fastest cars and
the BEST training in the World!

Lodging

Double Tree by Hilton
3101 West Temple Ave.
Pomona, CA 91768
Phone 909.594-0600

La Quinta Inns & Suites
3200 West Temple Ave.
Pomona, CA 91768
Phone 909.598-0073

- Charges are per person.
- Fees are due and payable prior to the event.
- Train-the-Trainer fees are non-refundable. Registration can be rescheduled and/or transferred.
- Fees include registration, meals and materials.
- Registrations must be confirmed by Lift-It®.
- Visit our website or contact Michelle at 909.469-2251 or michelle@lift-it.com to register.



Register now for a learning experience that does more than help you pass a test. Class size is deliberately limited to facilitate an incredible learning experience.

Sling & Rigging * (16 Hour)

• Feb. 24 & 25, 2020 • Apr. 13 & 14, 2020 • Oct. 19 & 20, 2020

Sling & Rigging Hardware Inspection I (Pre-Use - 8 Hour)

• Feb. 26, 2020 • Apr. 15, 2020 • Oct. 21, 2020

Train-the-Trainer I *

• Feb. 24-28, 2020 • Apr. 13-17, 2020 • Oct. 19-22, 2020

*Denotes Lift-It training that has been accredited by the Lifting Equipment Engineers Association. LEEA is a prestigious, international organization that provides training and third party accreditation for training providers.

All training features a plant tour with fabrication and destruction testing demonstrations.

The following training programs are open enrollment and a minimum number of students is required. Please consider this when making travel plans. Learning Center cancellations will be made 7 days prior to the event and are fully refundable.

NCCCO Certification Preparatory Training

Written & Practical Examinations:

- Rigger Level I & II (32 Hour)
- Mobile Crane Operator (40 hour)
- Signalperson (24 hour)
- Digger Derrick Operator (40 hour)
- Articulating Boom Crane Operator (40 hour)
- Overhead Crane Operator (40 hour)

Advanced/Specialized Lift-It Training Programs:

- Sling & Rigging II (16 Hour)
- Sling & Rigging Hardware Inspection II (Periodic - 16 Hour)
- Train-the-Trainer II (32 Hour)
- Sling & Rigging Design Training (24 Hour)
- Sling & Rigging Procurement Training (8 Hour)
- Sling & Rigging Testing-Certification Training (24 Hour)
- Helicopter Cargo Rigging (8 Hour)
- Equipment & Vehicle Recovery Training (8 Hour)

Other Training Programs/Services:

- Crane & Rigging Supervisor Training
- Crane & Rigging Lift Director Training
- Crane Inspector Training
- Crane & Rigging Lift Planning Training
- Crane & Rigging On-Site Inspection
- Administrative/Field Compliance Audits

Basic Safety Awareness Presentations:

- Crane Operator
- Rigger
- Signalperson
- Forklift Operator
- Crane & Rigging On-Site Inspection
- Aerial Scissor Lift/Aerial Work Platform Operator



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Sling & Rigging * - 16 Hour - \$1,295

Sling & Rigging (16 Hour) consists of classroom instruction in basic to intermediate load handling activities and addresses two primary areas of information: sling use and inspection. Sling use topics include: sling designs and components on a generic level, with an emphasis upon proper use. Load weight, sling angle, tension and center of gravity calculations for symmetrical loads are presented in an interactive format. Rigging techniques, sling protection and environmental considerations are also presented. Students are trained to perform the frequent (pre-use) inspection from a perspective that rigging is either acceptable or must be removed from service and not returned to service until approved by a Qualified Person. Practical training features hands on inspection of slings, rigging hardware, and team rigging exercises. Teams from different industries are supervised as load weight, center of gravity calculations and load control/handling exercises are performed. Upon successful completion of written and practical exams, students receive a certificate issued by LEEA.

Sling & Rigging Hardware Inspection I - (Pre-Use) 8 Hour - \$695

Sling & Rigging Hardware Inspection I training prepares students to perform Frequent Stage Inspections (before each shift) and includes classroom instruction and hands on inspection exercises for slings and rigging hardware. Sling and rigging hardware identification and removal from service criteria from an ASME, DOL-OSHA and WSTDA perspective are presented. Upon successful completion of the written and practical exams students receive a certificate issued by Lift-It.

Train-the-Trainer I Professional Development Program * - 40 Hours - \$4,950

Sling & Rigging (16 hour) and Sling & Rigging Hardware Inspection I (8 Hour) are required prerequisites for Train the Trainer I and are included in the price. Train-the-Trainer I provides an overview of the necessary elements to successfully develop and communicate lesson plans which efficiently transfer knowledge. Retention of lessons learned, aversion to risky behavior and behavior modification resulting in the application of proper practices and techniques is the goal of all safety training. Train-the-Trainer I will enable safety professionals to successfully communicate an enhanced message on any subject and is much more than a mere repetition of the sling, rigging and inspection training content. Topics include: enabling and terminal objectives, outline development, presentation style and methodology. Student presentations are recorded and critiqued. Students also receive an Inspector Trainer Kit valued at \$ 1,500.00. The Lift-It Train-the-Trainer I Professional Development Program is where trainers learn HOW to train. Students receive a certificate issued by LEEA.

NCCCO Rigger Level I & Level II Certification Preparatory Training - 32 Hour - \$3,695

NCCCO Rigger Level I & Level II Certification Preparatory Training prepares students for the successful completion of Level I & Level II Rigger Certification Testing. Students participate in classroom instruction and several hands-on workshops for: slings, sling hitches and rigging, rigging hardware, sling angles, load weight distribution, sling tension and center of gravity calculations for symmetrical and asymmetrical loads, sling protection, knot tying and an overview of signalperson responsibilities. Students will also learn methods for drifting and rotating loads. A practice test is administered and includes discussion and a review of sample test answers and course materials. Students will not only be prepared for third party testing, but more importantly, be introduced to the knowledge necessary for the successful performance of Level I & II Rigger duties. Written exams are administered by NCCCO. For NCCCO Rigger Level I and Rigger Level II Certification. Students can also complete the NCCCO written exam at an approved Computer Based Testing (CBT) Center within 12 months of training. Practical exams for Rigger Levels I and II are administered by Lift-It consultants, who are NCCCO Practical Examiners.

NCCCO Signalperson Certification Preparatory Training – 24 Hour

Students will learn and understand signalperson requirements and responsibilities, communication requirements for mobile and/or tower crane operators, rigging crews and other personnel involved in load handling activities and prepare to successfully complete the NCCCO Signalperson Written and NCCCO Practical examinations.

Discussion and learning objectives for Signalperson students include the requirements for constant and succinct communication through hand signals and/or verbal commands which properly convey load location, movement, travel path and destination location(s), a basic understanding of crane and rigging principles, equipment operation and limitations, dynamic factors, swinging, raising, lowering and stopping loads, boom deflection, hazard identification/mitigation, situational awareness, site specific considerations, safety standards/regulations and contingency planning. A review OSHA 29CFR 1926, Subpart CC, ASME B30.3 Tower Crane, ASME B30.5 Mobile Crane, a review of "practice test" questions and a signalperson animation demonstration similar to the NCCCO Signalperson Practical Examination are also presented.

Upon successful completion of the NCCCO Signalperson Written Exam and NCCCO Practical Exam students will receive a 5-year NCCCO Signalperson certification.



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NCCCO Digger Derrick Operator Certification Preparatory Training - 40 Hour

Students will learn and understand the requirements and responsibilities for Digger Derrick operators, riggers, signalpersons, lift directors and other personnel involved in load handling activities and prepare to successfully complete the NCCCO Digger Derrick Operator Written and NCCCO Practical Examinations.

Discussion and learning objectives for Digger Derrick Operator students include site and safe/proper set-up procedures, pre-operation considerations, equipment operation and limitations, dynamic factors, raising, lowering and stopping loads, manufacturer load chart considerations for digger derrick capacity determination and technical knowledge topics. Additional topics include: operational aids, safety devices, digger derrick hand signals, verbal commands, equipment warnings, boom deflection, hazard identification/mitigation, situational awareness, site specific considerations, safety standards and regulations, contingency planning, basic rigging principles and techniques, load control, sling protection, inspection stages, frequency, before and/or after use inspections, inspection techniques, recordkeeping requirements and removal from service criteria.

A review of OSHA 29CFR 1926, Subpart CC, ANSI A10.31 Digger Derricks, NCCCO Digger Derrick Load Charts, industry standards and regulations, best practices, as well as a review of "practice test" questions are also presented.

Upon successful completion of the NCCCO Written Exam and NCCCO Practical Exam students will receive a 5-year NCCCO Digger Derrick Operator certification.

NCCCO Mobile Crane Operator Certification Preparatory Training – 40 Hour

Rough Terrain, All Terrain, Truck, Crawler, Lattice Boom, Hydraulic-Telescopic Boom, Fixed or Swing Cab, Carry Deck, Service Truck Cranes and Boom Trucks.

Students will learn and understand the requirements and responsibilities for crane operators, riggers, signalpersons, lift directors and other personnel involved in load handling activities and prepare to successfully complete the NCCCO Mobile Crane Operator Written and NCCCO Practical Examinations.

Discussion and learning objectives for Mobile Crane Operator students include site, operational, technical knowledge topics and manufacturer load chart considerations for crane capacity determination. Additional topics include safe and proper crane set up, operational aids, safety devices, mobile crane hand signals and/or verbal commands, equipment warnings, equipment operation and limitations, dynamic factors, swinging, raising, lowering and stopping loads, traveling with loads, multiple crane use, boom deflection, hazard identification and/or mitigation, situational awareness, site specific considerations, safety standards and regulations, contingency planning, basic rigging principles and techniques, load control, sling protection, inspection stages, frequency, before and/or after inspections, inspection techniques, recordkeeping requirements and removal from service criteria.

A review OSHA 29CFR 1926, Subpart CC, ASME B30.5 Mobile Crane, NCCCO Mobile Crane Load Charts, industry standards, regulations, best practices and a review of "practice test" questions are also presented.

Upon successful completion of the NCCCO Written Exam and NCCCO Practical Exam students will receive a 5-year NCCCO Mobile Crane Operator certification.

NCCCO Articulating Boom Crane Operator Certification Preparatory Training – 40 Hour

Articulating Boom with Hook, Articulating Boom with Winch and Articulating Boom Loader

Students will learn and understand the requirements and responsibilities for articulating boom crane operators, riggers, signalpersons, lift directors and other personnel involved in load handling activities and prepare to successfully complete the NCCCO Articulating Boom Crane Operator Written and NCCCO Practical Examinations.

Discussion and learning objectives for Articulating Boom Crane Operator students include site and set-up procedures, operations, manufacturer load chart considerations for crane capacity determination and technical knowledge topics. Additional topics include safe and proper crane set up, operational aids, safety devices, articulating boom crane hand signals, verbal commands, equipment warnings, operation and limitations, dynamic factors, raising, lowering and stopping loads, boom deflection, hazard identification/mitigation, situational awareness, site specific considerations, safety standards and regulations, contingency planning, basic rigging principles and techniques, load control, sling protection, inspection stages, frequency, before and/or after use inspections, inspection techniques, recordkeeping requirements and removal from service criteria.

A review of OSHA 29CFR 1926, Subpart CC, ASME B30.22 Articulating Boom Crane, NCCCO Crane Load Charts, industry standards and regulations, best practices and a review of "practice test" questions are also presented.

Upon successful completion of the NCCCO Written Exam and NCCCO Practical Exam students will receive a 5-year NCCCO Articulating Boom Crane Operator certification.



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NCCCO Overhead Crane Operator Certification Preparatory Training - 40 Hour

Bridge, Gantry, Pedestal, A-Frame and Jib Cranes

Students will learn and understand the requirements and responsibilities for Overhead Crane Operators, riggers, signalpersons, lift directors and other personnel involved in load handling activities and prepare to successfully complete the NCCCO Overhead Crane Operator Written and NCCCO Practical Examinations.

Discussion and learning objectives for Overhead Operator students include pre-operation activities, work requirements, load handling considerations, shut down and securement procedures and technical knowledge topics. Additional topics include manufacturer load chart considerations for crane capacity determination, safe and proper crane set up, operational aids, safety devices, overhead crane hand signals and verbal commands, equipment warnings, equipment operation and limitations, dynamic factors, raising, lowering and stopping loads, hazard identification/mitigation, situational awareness, site specific considerations, safety standards and regulations, contingency planning, basic rigging principles and techniques, load control, sling protection, inspection stages, frequency, before and/or after use inspections, inspection techniques, recordkeeping requirements and removal from service criteria.

A review OSHA 29CFR 1926, Subpart CC, ASME B30.2 Overhead and Gantry Cranes, NCCCO Crane Load Charts, industry standards and regulations, best practices and a review of "practice test" questions are also presented.

Upon successful completion of the NCCCO Written Exam and NCCCO Practical Exam students will receive a 5-year NCCCO Overhead Crane Operator certification.

Sling & Rigging Hardware Inspection II - (Periodic - 16 Hour) - \$1295

Sling & Rigging Hardware Inspection II training prepares students to perform the mandatory Periodic Stage Inspection for web, roundsling, wire rope, chain slings, and rigging hardware (hooks, links, swivels, shackles, swivel hoist rings, eye bolts, turnbuckles and wire rope clips).

Students are trained in the comparative advantages and limitations of slings types and rigging hardware with an emphasis on mitigating damage from a cause-effect-recommendation perspective.

Sling and Rigging Hardware identification, repair, proof testing, certification, inspection stages, frequency, techniques and removal from service criteria from a DOL-OSHA, ASME, WSTDA and manufacturer perspective are also presented.

Upon successful completion of the written and practical examinations students receive a certificate of achievement issued by Lift-It®.

Train-the-Trainer II – 32 hour

Train-the-Trainer II is only available to students who have successfully completed Lift-It® Train-the-Trainer I (5-day program) and have presented multiple sling and rigging training sessions for a minimum of 1 year. Students must submit their training program (PowerPoint, student workbooks, course outlines, enabling and terminal objects, examinations with answer keys) and other information that is determined during the application and interview process. Students are evaluated, critiqued and their training program is corrected and/or updated. Train-the-Trainer II class size is deliberately limited to maximize the learning and improvement process.

Sling & Rigging II * - 16 Hour

Sling & Rigging II is a knowledge-based training program which explores in greater detail intermediate to advance load handling activities and includes the topics and learning objectives presented in Sling & Rigging I. Sling & Rigging II does not require Sling & Rigging I as a prerequisite. Students will learn to calculate sling tension for asymmetrical loads and loads with connection points at different levels. Factors which affect sling strength including D/d and connection point considerations, the calculation of connection point bearing pressure for roundslings, spatial considerations, coefficients of friction, sling protection, load control techniques and accident scenarios will also be presented. Students who successfully complete the written examination will be awarded a certificate issued by LEEA.

Sling & Rigging Procurement Training - 8 Hour

Sling & Rigging Procurement Training was specifically developed at the request of conscientious sling consumers. Despite appearances, not all rigging is created equal and seemingly minor differences in sling materials and/or manufacturing techniques have profound influences not only on rigging product service life, but an even greater and more significant impact upon user safety. Sling & Rigging Procurement Training is GENERIC in content and will facilitate reductions in sling and rigging hardware inventories and will provide the basis for the development of customized generic product standards, which if employed by informed sling purchasers will enable the purchase and use of the best quality rigging for the most competitive price.

Sling & Rigging Design Training - 24 Hour

Sling & Rigging Design students must have successfully completed Sling & Rigging Hardware Inspection II Training. The latest developments in rigging materials and rigging hardware components are explored to meet and improve design challenges for normal and special load handling applications. Students are introduced to rigging materials and rigging hardware components on a generic level with the intent of properly utilizing rigging materials and rigging hardware components and configurations for optimal performance and regulatory compliance.

Sling & Rigging Testing-Certification Training - 24 Hour

Sling & Rigging Testing-Certification students must have successfully completed Sling & Rigging Hardware Inspection II training. Sling & Rigging Testing-Certification Training is only offered at the Lift-it Learning Center. Students will be educated in ASME and WSTDA proof test and destruction testing procedures. Pin diameter, ram travel speed/pressure guidelines, calibration requirements, pre and post inspection techniques, recordkeeping, certification and proof test machine safety protocol will be presented.



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