



Cranes " → 101

Catalogue of Safety Training

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A division of Sturm Corporation

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Regulation on Entrance Requirements:

There are no requirements to take part in any of our courses but one must enroll in any course we offer 10 days prior to the course.

Student Conduct Policy:

The Training Board, aware of its responsibility to provide each student a safe, comfortable, and non-threatening learning environment, has established a policy regarding student conduct. The Training Board promotes student behavior that encourages students to become effective citizens of the school community. For students to grow and mature, they must accept the responsibilities and obligations of good citizenship, which enable self-discipline, good health, reasonable standards of behavior, and a favorable atmosphere for learning. Students on training grounds or in places under training jurisdiction must abide by the rules established to achieve this goal.

Policy for Dismissal:

Cranes101 will give one verbal warning before dismissing any one for breaking the conduct policy.

Classroom and Equipment:

Cranes101 has one 25-person training room with a testing facility that can hold 5 people at a time. We have an open parking lot allowing us to use heavy equipment based off the needs of the course.

Handicap Accessible:

We have one training room handicap accessible.

Cranes101 was incorporated in 2001 and is a division of the Sturm Corporation. It has quickly become a well-known and respected learning center for construction and general safety.

Cranes101 has held courses all over the country and has even reached out internationally to places like the Dominican Republic and Africa. We have been responsible for training staff at USDOL MSHA, USDOL OSHA, and IBEW Local 104.

Cranes101 offers many training courses, including the CIC Nationally Accredited Crane Operator Certification Program, OSHA 10-hour and OSHA 30-hour, Signalperson and Rigger Training, Operator Safety Training, and more!

One major attribute that makes Cranes101 a unique learning experience is the operational knowledge that each instructor has on the equipment and material that they present. This knowledge comes from years of experience of operating, repairing and working hand in hand with the American Standards of Mechanical Engineers (ASME).

Cranes101 provides training at our facility in Bellingham Massachusetts, but we also offer the benefit of training at your location. Our customers have found these options to very beneficial.

We at **Cranes101** are always focusing on your safety.

Thank you for considering us!

Jay Sturm
President

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Entry-Level Crane Operator Program

Course Number: 1100

Course Duration: 2-weeks

Certificate is awarded by **Cranes101**.

License is granted from CIC.

This 2-week certificate program was designed to educate a person with little or no crane operation experience. Students will receive comprehensive classroom lessons and hands-on training. They will be operating cranes with real loads to receive a real-life experience of the daily tasks of a crane operator. This course includes taking the written and practical CIC exams to certify the students to operate cranes up to 75 tons. Successful completion of these tests will net the student with the coveted "Nationally Accredited Crane Operator Certificate".

Day 1: Crane Basics

6 classroom hours

Agenda: A general overview will be discussed on load charts and how to read them. Also, inspection parameters will be discussed, giving the student a thorough understanding of the components of a crane and how to identify any defects a crane might have, allowing them an understanding of crane safety. This discussion will prepare them for the hands-on exercise.

2 hands-on hours

Agenda: After completing the classroom portion of crane basics, the students will each perform a safety inspection, a daily task for any crane operator. This will allow the student to get comfortable with the different mechanisms of the crane.

Day 2: Crane Setup

4 classroom hours

Agenda: Students will spend half the day in the classroom learning how to properly set up a crane. They will discuss how to set up, position, and pin the jib. Knowing the main factors of crane setup, including cribbing to distribute the weight of a crane, and basic LMI (load moment indicator) limitations and functions will also be discussed.

4 hands-on hours

Agenda: Students will take what they learned in the classroom and apply it to setting up the crane. They will practice the essentials for preparing a pick, including: configure cribbing, pin and stow-away the jib, and set up the LMI.

Day 3: Crane Maneuvering

4 classroom hours

Agenda: Students will review crane setup from the previous day, including load chart review and discussion on the crane pick. Students will learn how to calculate the weight of a load, a critical lesson for crane operators. They will discuss how to properly secure a crane at the end of the day, and how to properly secure a crane for transit.

4 hands-on hours

Agenda: Students will demonstrate their classroom understanding by practicing crane maneuvers. They will practice maneuvering the cranes hook to precise locations, load sway correction, how to make smooth starts and stops, and also practice doing multiple function controls, necessary for crane operators to understand.

Day 4: Rigging Basics

2 classroom hours

Agenda: Students will learn how to select the proper hitches for rigging jobs. They will also learn how to perform a rigging inspection and understand what defects to look for, as well as the proper techniques for rigging.

6 hands-on hours

Agenda: The students will each perform a rigging inspection. They will have a chance to rig multiple loads in several configurations. There will also be an exercise in tethering loads.

Entry-Level Crane Operator Program

Day 5: Load Maneuvering and Load Correction

2 classroom hours

Agenda: Students will focus on hand signals and communicating on the job. Hand signals are an essential part of the daily operation of a crane operator and workers. Knowing how to read and use the hand signals ensures safety on a real jobsite. This classroom discussion will prepare the students for the hands-on exercise.

6 hands-on hours

Agenda: Students will break into groups. To better understand the real-life scenarios of operating a crane to perform picks, the students will practice the duties of a crane operator by rigging, tethering, hoisting, and landing loads. They will also get a more in-depth feel for what a crane operator does by maneuvering loads blind with the help of a signalperson, rigger, and tagline. Students will perform each role. At the end of the week each student will have performed every function involved in crane operation.

Day 6: Crane Technique Development

The second week will focus heavily on load charts. Each day, students will break out into groups to develop picks for different crane models and use the classroom time for review.

1 classroom hour

Agenda: Breakout groups will configure load picks for Broderson cranes and review.

7 hands-on hours

Agenda: Practice on all hands-on from the previous week.

Day 7: Exam Day & Crane Technique Development continued

1 classroom hour

Agenda: Breakout groups will configure load picks for National cranes and review.

4.5 hands-on hours

Agenda: Practice on all hands-on from the previous week.

1 classroom hour

Agenda: Review for General Knowledge Exam

1.5 exam hour

Agenda: General Knowledge Exam

Day 8: Exam Day & Crane Technique Development continued

1 classroom hour

Agenda: Breakout groups will configure load picks for Terex cranes and review.

5 hands-on hours

Agenda: Practice on all hands-on from the previous week.

1 classroom hour

Agenda: Review for Under 21 Ton Exam

1 exam hour

Agenda: Under 21 Ton Exam

Day 9: Exam Day & Crane Technique Development continued

1 classroom hour

Agenda: Breakout groups will configure load picks for Manitex cranes and review.

5 hands-on hours

Agenda: Practice on all hands-on from the previous week.

1 classroom hour

Agenda: Review for 21-75 Ton Exam

1 exam hour

Agenda: 21-75 Ton Exam

Day 10: Practical Exams and Written Exam Retakes

Agenda: All students will take their Practical Exam. They will be given 1-hour each for their Practical Exam. Also, any student who did not pass one of the above Written Exams will be scheduled for a retake on this day.

Nationally Accredited Crane Operator Certification

Cranes101 is proud to offer the **CIC Nationally Accredited Crane Operator Certification** Written and Practical Exams, as well as license preparation training. With affordable rates, fewer written exams, one Practical Exam for up to five certifications and test questions relevant to real-world job sites, CIC is the standard in certification. The three categories for training are:

Small and Medium Crane Operator Accreditation

Course Number: 7001
Course Duration: 2 Days Training; 1Day Exams
Certificate is awarded by **Cranes101**.
License is granted from CIC.

This course is a comprehensive 3-day training. After the initial 2-days of thorough classroom training, Cranes101 will administer the necessary written and practical exams for the attendee. These exams will qualify the attendee to operate Telescoping Booms up to 75 tons.

This course meets or exceeds the requirements of the OSHA Subpart CC 1926.1400 Standards.

All Mobile Crane Operator Accreditation

Course Number: 7002
Course Duration: 3 Days Training; 1Day Exams
Certificate is awarded by **Cranes101**.
License is granted from CIC.

This course is a comprehensive 4-day training. After the initial 3-days of thorough classroom training, Cranes101 will administer the necessary written and practical exams for the attendee. These exams will qualify the attendee to operate All Mobile Cranes, including Lattice Booms.

This course meets or exceeds the requirements of the OSHA Subpart CC 1926.1400 Standards.

Articulating/Knuckle Boom Crane Operator Accreditation

Course Number: 7003
Course Duration: 1 Day Training; 1Day Exams
Certificate is awarded by **Cranes101**.
License is granted from CIC.

This course is a comprehensive 2-day training. After the initial 1-day of thorough classroom training, Cranes101 will administer the necessary written and practical exams for the attendee. These exams will qualify the attendee to operate Telescoping Booms up to 75 tons.

This course meets or exceeds the requirements of the ASME B30.22.



CIC meets OSHA requirements for crane operator certification by type & capacity and rigger/signalperson qualification and is accredited by NCCA.

MA Hydraulic License Preparation Classes

Cranes:



1A = All Hoisting Equipment (Lattice Boom)
***3A may also be required*

Course Number: 3001

Course Duration: 6 hours

1B = Telescopic Booms with Running Rope

Course Number: 3002

Course Duration: 6 hours

1C = Telescopic Booms without wire rope hoist lines

Course Number: 3007

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.

These courses prepare the attendee for successful completion of the Hydraulics Engineers' Licenses in Massachusetts.

Material covered in these courses*:

- Proper crane setup
- Jobsite safety
- Crane component recognition
- Introduction to Hydraulic Theory
- Mathematical load weight and load bearing calculations
- Crane Inspection Parameters
- Wire Rope guidelines and inspection
- Standard Hand Signals
- Load Chart specifics
- Safety standards wisdom

This course meets or exceeds the requirements of OSHA 1926.550, ASME B30.5 and PCSA3.

For the attendees who are using this training to pass crane license tests in MA or RI, we can boast a 97% success rate on the first license attempt. We also guarantee license success by offering an indefinite repeat of this class when held at our Bellingham location.

**Material covered could differ slightly depending on which license preparation course is taken.*

MA Hydraulic License Preparation Classes (cont.)

Excavators:



2A = All Excavators (Crawler and rubber-tired excavators, backhoes & loaders)

Course Number: 3010

Course Duration: 4 hours

2B = Backhoes and Front-end loaders
Limitations: Not Crawler or Rubber-Tire

2C = Front-End Loader

Certificate is awarded by **Cranes101**.

This course prepares the attendee for successful completion of the MA 2A Hydraulics Engineers' Licenses in Massachusetts.

Material covered in this course:

- Proper equipment setup
- Jobsite safety
- Component recognition
- Introduction to Hydraulic Theory
- Inspection Parameters
- Standard Hand Signals
- Safety standards wisdom
- Introduction to Excavators
- Excavator Safety

This course meets or exceeds the requirements of OSHA 1926.550.

For the attendees who are using this training to pass operators license tests in MA, we can boast a 97% success rate on the first license attempt. We also guarantee license success by offering an indefinite repeat of this class when held at our Bellingham location.

**Cranes101 offers 2A License Prep courses. The 2A License Prep course material covers the 2B and 2C content.*

MA Hydraulic License Preparation Classes (cont.)

Specialty Hoists:

3A = Electric and air powered hoisting equipment.



Course Number: 3005

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.

This course is specifically designed to prepare the attendee to pass the Massachusetts 3A Hydraulics Engineer License test.

Material covered in this course:

- Operation
- Inspection
- Rigging
- Owners' Responsibility
- Operators' Responsibility

This course meets the requirements mandated in OSHA Overhead and gantry cranes 29CFR1910.179(b)(8), ASME B30.16 and OSHA act of 1970 General Duty Clause 5(a)(1).

Tower Cranes:

1A = All Hoisting Equipment (Lattice Boom)
Limitations: no steam or electric power**

Course Number: 3001

Course Duration: 6 hours

Certificate is awarded by **Cranes101**.

This course is specifically designed to prepare the attendee to pass the Massachusetts 1A Hydraulics Engineer License test.

Material covered in this course:

- Proper crane setup
- Jobsite safety
- Crane component recognition
- Mathematical load weight and load bearing calculations
- Crane Inspection Parameters
- Wire Rope guidelines and inspection
- Standard Hand Signals
- Load Chart specifics
- Safety standards wisdom

This course meets or exceeds the requirements of OSHA 1926.1400, ASME B30.5 and PCSA3.

**In the state of Massachusetts it is mandatory to hold both a MA 1A and MA 3A license to operate tower cranes. By putting on a combined MA 1A and MA 3A class, Cranes101 can prepare the attendee to pass their tower crane license.*

MA Hydraulic License Preparation Classes (cont.)

Industrial Forklifts:

1D = General Industrial warehouse Fork Lift equipment

Course Number: 3006

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.



This course is specifically designed to prepare the attendee to pass the Massachusetts 1D Industrial Forklift License test.

Material covered in this course:

- Forklift Overview
- Intro to Hydraulic Theory
- Mathematical Calculations
- Inspection Parameters
- Standard Hand Signals
- Fuel/Electric storage
- ANSI and OSHA standards
- Safe practices
- Proper care and maintenance
- Physics 101

This course meets or exceeds the requirements of OSHA 1926.550.

Drill Rigs:

4B = Drill Rigs

Course Number: 3050

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.

This course is specifically designed to prepare the attendee to pass the Massachusetts 4B Hydraulics Engineer License test.

Material covered in this course:

- The mechanics of the drill rig
- Daily inspections
- State, ANSI and OSHA standards
- Safe practices
- Proper care and maintenance
- Physics 101

This course meets or exceeds the requirements of OSHA 1926.550.

MA Continuing Education Classes for Hydraulic Engineer's

For restrictions 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, and 4A

Course Duration: 4 hours

For restrictions 4B, 4C, 4E, 4F, and 4G

Course Duration: 2 hours

Certificate and CEU's are awarded by **Cranes101**.

Per the requirements of Massachusetts 520 CMR 6.00 Hoisting Machinery Standard, all hoisting equipment operators must submit Continuing Education Units (CEU's) at the time of their license renewal if the license expires after September 1st, 2014.

Cranes101's curriculum has been approved by the State of Massachusetts and contains the proper content per the 520 CMR 6.04(b)6. This is a safety seminar that will earn the operator his/her required CEU's. This notice is to inform you of the general topics that will be discussed at the time of training.

Continuing Education Syllabus:

- Massachusetts Regulations
- 520 CMR 6.00 Standards
- Jobsite Safety

To provide the most convenient and cost-effective service, **Cranes101** is proud to offer CEU's across the State of Massachusetts. Our customers appreciate our efforts to bring this required course in a variety of combinations and locations because it works with their busy schedule.

We also provide on-site training 24/7. For information on group rates, please call 866.788.7600 and a Sales Representative will be glad to help.

For online courses, **Cranes101 Online** provides an interactive and user-friendly program that provides you the CEU's required from the comfort of your home! Please visit www.cranes101online.com to enroll in this program!

RI Hoisting Engineers Licenses Preparation Classes

Cranes:

Hydraulic Crane License



Course Number: 3240

Course Duration: 6 hours

Certificate is awarded by **Cranes101**.

This license allows the operation of derricks and lattice boom mobile cranes, but hydraulic fluid is necessary for its operation. Said cranes are equipped with telescoping booms - with or without ropes. Elevators are also subpart under hydraulic cranes, personnel, and/or material hoists.

Material covered in this course:

- Proper crane setup
- Jobsite safety
- Crane component recognition
- Introduction to Hydraulic Theory
- Mathematical load weight and load bearing calculations
- Crane Inspection Parameters
- Wire Rope guidelines and inspection
- Standard Hand Signals
- Load Chart specifics
- Safety standards wisdom

This course meets or exceeds the requirements of OSHA 1926.550, ASME B30.5 and PCSA3.

RI Hoisting Engineers Licenses Preparation Classes (Cont.)

Forklift/Construction:



Forklift/Construction License

Course Number: 3241

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.

This course prepares the attendee for successful completion of the Forklift/Construction License.

Material covered in this course:

- Fork truck maneuvering
- The mechanics of the Fork Truck
- Daily inspections
- Fuel/Electric storage
- ANSI and OSHA standards
- Safe practices
- Proper care and maintenance
- Physics 101

This course meets or exceeds the requirements of OSHA 1910.178.

Industrial forklifts are covered in this class. Rough terrain forklifts can be covered by special request. This course is specifically designed to prepare the attendee to pass to Rhode Islands Forklift operators test.

This license allows the operation of a hydraulic machine, which has forks and/or attachments to lift and/or transport material from one location to another, with an extendable boom and height reach.

RI Hoisting Engineers Licenses Preparation Classes (Cont.)



Payloader/Excavator:

Payloader/Backhoe/Excavating Equipment License

Course Number: 3242

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.

This course prepares the attendee for successful completion of the RI Payloader/Backhoe Hoisting Engineers License.

Material covered in this course:

- Proper equipment setup
- Jobsite safety
- Component recognition
- Introduction to Hydraulic Theory
- Inspection Parameters
- Standard Hand Signals
- Safety standards wisdom
- Introduction to Excavators
- Excavator Safety

This course meets or exceeds the requirements of OSHA 1926.550.

Drill Rig:

Drill Rig License

Course Number: 3243

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.

This course prepares the attendee for successful completion of the RI Drill Rig Engineers License.

Material covered in this course:

- The mechanics of the drill rig
- Daily inspections
- State, ANSI and OSHA standards
- Safe practices
- Proper care and maintenance
- Physics 101

This course meets or exceeds the requirements of A10.31.

Construction Safety

Confined Space:

Course Number: 1020

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.

This 3-part course includes an inclusive perspective on all responsibilities and their involvement with confined space.

Material covered in this course:

Attendant

- Duties
- Communications
- Emergency procedures and limitations
- Atmospheric testing

Entrant

- Duties
- Hazard recognition
- Communication
- Personal protective equipment

Entry Supervisor

- Duties
- Procedure management
- Emergency procedures
- Permitting

This course includes a number of films, Q and A, and a review at the end of each section.

Trench Safety:

Course Number: 1023

Course Duration: 4 hours

Certificate is awarded by **Cranes101**.

This course extensively discusses all aspects of trench safety.

Material covered in this course:

- Atmospheric Testing
- Shoring
- Access and Egress
- Hazard abatement
- Permits
- Ladder safety
- Barricades

This course includes a number of films, Q and A, and a review.

Construction Safety (cont.)

OSHA 10-hour Construction

Course Number: 1022

Course Duration: 10 hours

Certificate is awarded by US Department of Labor



The requirement for this course is for it to be held over a two-day span.

This course was written by OSHA to give the worker an overview of hazards that he may work near in the course of his day. This course isn't designed to replace industry specific training but to raise awareness in other job related hazards.

Material covered in this course:

Required:

- Introduction to OSHA
- OSHA Focus Four
 - Fall Protection
 - Electrical
 - Struck by
 - Caught in/between
- Personal Protective and Lifesaving Equipment
- Health Hazards in Construction

Electives: *

- Materials Handling, Storage, Use and Disposal
- Tools – Hand and Power
- Scaffolds
- Cranes, Derricks, Hoists, Elevators, and Conveyors
- Excavations
- Stairways and Ladders

*The OSHA 10 course can be customized to the attendees by way of the electives if requested.

****Cranes101** also holds OSHA 30-hour Construction courses. The requirement for this course is for it to be held over a four-day span.

Cranes

Mobile Hydraulic Cranes:

Course Number: 1004

Course Duration: 8 hours

Certificate is awarded by **Cranes101**.

This is an in-depth course created to teach all aspects of Mobile Crane safety and operation. The course is beneficial to both seasoned operators looking for a refresher or a new operator that required employee training.

Material covered in this course:

- Proper crane setup
- Jobsite safety
- Crane component recognition
- Introduction to Hydraulic Theory
- Mathematical load weight and load bearing calculations
- Crane Inspection Parameters
- Wire Rope guidelines and inspection
- Standard Hand Signals
- Load Chart specifics
- Safety standards wisdom

This course meets or exceeds the requirements of OSHA 1926.1400, ASME B30.5 and PCSA3.

This course can be done with an additional day that includes hand-on training per request.

Cranes (cont.)

Lattice Booms/Conventional Cranes:

Course Number: 1008

Course Duration: 8 hours

Certificate is awarded by **Cranes101**.

This course is an in-depth course created to teach all aspects of Lattice Boom and Conventional Crane safety and operation. The course is beneficial to both seasoned operators looking for a refresher or a new operator that required employee training.

Material covered in this course:

- Proper crane setup
- Jobsite safety
- Crane component recognition
- Introduction to Hydraulic Theory
- Mathematical load weight and load bearing calculations
- Crane Inspection Parameters
- Wire Rope guidelines and inspection
- Standard Hand Signals
- Load Chart specifics
- Safety standards wisdom

This course meets or exceeds the requirements of OSHA 1926.1400, ASME B30.5 and PCSA3.

This course can be done with an additional day that includes hand-on training per request.

Cranes (cont.)

Overhead Cranes:

Course Number: 1005
Course Duration: 4 hours
Certificate is awarded by **Cranes101**.

This course gives an in-depth understanding for all aspects of overhead cranes.

Material covered in this course:

- Operation
- Inspection
- Rigging
- Owners' Responsibility
- Operators' Responsibility

This course meets the requirements mandated in OSHA Overhead and gantry cranes 29CFR1910.179(b)(8), ASME B30.16 and OSH act of 1970 General Duty Clause 5(a)(1).

Articulating/Knuckle Boom Cranes:

Course Number: 5007
Course Duration: 4 hours
Certificate is awarded by **Cranes101**.

This course is designed to cover specific manufacturers cranes.

Material covered in this course:

- Crane Components
- Intro to Hydraulic Theory
- Mathematical Calculations
- Inspection Parameters
- Standard Hand Signals
- Load Charts
- Fuel/Electric storage
- ANSI and OSHA standards
- Safe practices
- Proper care and maintenance
- Physics 101

This course meets the requirements of ANSI B30.22 and OSHA 1910.180 standards.

This course can be done with an additional day that includes hand-on training per request.

Cranes (cont.)

Rigging:

Course Number: 1060
Course Duration: 4 hours
Certificate is awarded by **Cranes101**.

This course was written specifically to comply with OSHA 1926.1400 and to give the worker an overview of hazards that he may work near in the course of his day.

Material covered in this course:

- Rigging Component identification
- Mathematical Calculations
- Sling selection
- Rigging Inspection
- Wire Rope and chain design
- Proper rigging techniques

This course meets or exceeds the requirements of OSHA 1926.1400, ASME B30.5 and B30.9.

This course is designed for the attendees who are using this training to comply with OSHA 1926.1400 Crane and Derrick Standards.

Signalperson:

Course Number: 4008
Course Duration: 4 hours
Certificate is awarded by **Cranes101**.

This course was written specifically to comply with OSHA 1926.1400 and to give the worker an overview of hazards that he may work near in the course of his day.

Material covered in this course:

- Proper use of the ANSI hand signals
- Crane limitations
- Crane characteristics and dynamics
- Signalperson requirements per OSHA 1926.1419-1926.1422
- Working near power lines
- Voice signals

This course meets the requirements mandated in OSHA 1926.1419 through 1926.1422 and 1926.1428, and ANSI/ASME B30 standards.

This course meets OSHA 1926.1428 cranes and derricks qualification requirements for a certified signal person.

Personnel Lifts

Personnel/Man Lifts:

Course Number: 1031
Course Duration: 4 hours
Certificate is awarded by **Cranes101**.

Personnel Lifts, Boom Lifts and Scissor Lifts are covered in this course.

Material covered in this course:

- Personnel Lift maneuvering
- The mechanics of the Personnel Lift
- Daily inspections
- Fuel/Electric storage
- ANSI and OSHA standards
- Safe practices
- Proper care and maintenance
- Physics 101

This course meets or exceeds the requirements of ANSI A92.5/6.

Bucket Truck:

Course Number: 1030
Course Duration: 4 hours
Certificate is awarded by **Cranes101**.

This course focuses on operations for operators and ground workers as well.

Material covered in this course:

- Bucket truck setup
- The mechanics of the bucket truck
- Daily inspections
- Working near electricity
- ANSI and OSHA standards
- Proper harness/belt configurations
- Emergency procedures
- Proper care and maintenance
- Suspension trauma

This course meets or exceeds the requirements of ANSI A92.2.

Excavating

Loader/Excavator Safety Training:

Course Number: 1011
Course Duration: 4 hours
Certificate is awarded by **Cranes101**.

Material covered in this course:

- Proper equipment setup
- Jobsite safety
- Component recognition
- Introduction to Hydraulic Theory
- Inspection Parameters
- Standard Hand Signals
- Safety standards wisdom
- Introduction to Excavators
- Excavator Safety

This course meets or exceeds the requirements of OSHA 1926.550.

Industrial Equipment

Forklifts:

Course Number: 3007
Course Duration: 4 hours
Certificate is awarded by **Cranes101**.

Industrial forklifts are covered. Rough terrain forklifts can be covered by special request.

Material covered in this course:

- Fork truck maneuvering
- The mechanics of the Fork Truck
- Daily inspections
- Fuel/Electric storage
- ANSI and OSHA standards
- Safe practices
- Proper care and maintenance
- Physics 101

This course meets or exceeds the requirements of OSHA 1910.178.

The course includes a film, test and hands on instruction with your forklift.

Cranes101 offers an extensive variety of construction safety training.

Our courses range from certificate training to operator licensing.

Cranes101 is a national training company with the ability to train at on-site locations.

With the changing nature of safety regulations, the need for documented and recognized training has never been greater. Our experience as expert witnesses on many occurrences has brought to our attention the need for documented training for each employer.

Sturm Corporation

WE'VE GOT **SAFETY** COVERED!



SAFETY INSPECTIONS



SAFETY TRAINING



SAFETY PRODUCTS

It's your business. We just make it safer.

Phone: 866.788.7600 Fax: 888.966.4107
Email: info@cranes101.com Website: www.cranes101.com