

# Take the high road to ensure underground safety.





# Excavations often cost more and take longer than needed.

## What if you could change that with one call?

Untrained crews, shutdowns due to non-compliance, improper planning and the wrong equipment can drive up costs and risk before your excavation project even starts. We can help you navigate these challenges and keep your team, budget and timeline safe.

As North America's largest supplier of trench safety systems and safety training, United Rentals is your single source for all your underground needs, including:

- The largest inventory of road plates and trench shoring rental equipment in the industry
- The newest technologies for superior protection and productivity
- Professional engineers for site-specific plans
- Comprehensive excavation safety and confined space training.

How you choose to manage your excavation project can make all the difference in terms of safety, time and money. Before you start, make one stop to get everything you need to stay on track.



# 78%

increase in OSHA fines  
(as of January 2017)

Source: <https://www.osha.gov/penalties/>

# \$5.5M

in OSHA fines\*

\*Trench jobsite fines based on fines issued Oct. 2015–Sept. 2016





# Customized solutions for all your trench safety needs.

United Rentals offers the largest fleet of shoring and underground excavation rental equipment in North America. In addition to providing trench supplies and trench safety solutions, United Rentals is a leader in safety training and certification.



## Avoid Costly Downtime

Stay compliant with trench experts who understand local, state, provincial and federal regulatory requirements related to safety, shoring and more.



## Largest Supplier of Trench Equipment

Select from a vast fleet of excavation equipment for your project, including:

- Trench Shielding and Shoring
- Slide Rail Systems
- Engineered Solutions
- Confined Space Safety Equipment
- Bedding Containers
- Road/Crossing Plates



## Innovative

United Rentals' innovative products and techniques can increase productivity with:

- Less time in the trench
- More linear footage covered each day
- Less overall time on the job



## Online or Onsite Training

Keep workers safe with training and certification from an industry leader. Classes include Excavation Safety, Confined Space Entry, OSHA training and more.



# Trench Safety Products

## Shoring, Shielding and Confined Space Equipment

United Rentals offers the largest selection of OSHA compliant equipment – all inspected and tested prior to each rental to ensure the safe use of products in the field.



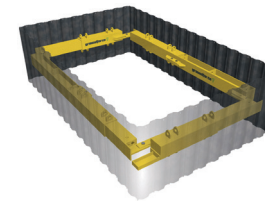
4 Gas Monitor



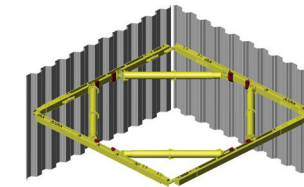
Pipe Plugs



Confined Space Ventilation



Mega Brace



Steel Sheeting and Bracing



Steel Trench Shielding



Slide Rail Systems



Modular Aluminum Panels (MAPs)



Confined Space Entry and Rescue System



# Training and Certifications

Working the right way means working the safe way. We can help. United Rentals offers courses for workers in excavation and trenching as well as confined space entry. Some courses can even be tailored to meet your specific needs. Contact us to discuss setting up a class specifically for your business.

**Location:** United Rentals branch locations and select cities across the U.S. and Canada.

**Training Dates:** Visit us online for training class schedules.

**Training Details:** Each student receives an instructional workbook, a reference guide, an OSHA/CCOHS Standard Booklet, a wallet card and a certificate of completion. Lunch is provided.

Details may vary depending on the course taken.

## Confined Space Entry Training

Confined Space Entry Training is available for all workers who may enter, supervise entry to or be adversely affected by confined spaces. Our training courses are designed to help workers identify any potential hazards associated with a confined space. The course also addresses new 29 CFR 1926 standards and requirements, including the duties and responsibilities for an Authorized Entrant, Attendant, Entry Supervisor and Rescue Personnel.

**Training topics**

- Permit requirements for confined space
- Use of gas monitoring equipment
- Proper ventilation of confined space
- Duties of supervisors, entrants and attendants
- Alternate entry procedures

## Excavation Safety for Competent Person Training

Qualified/Competent Person Training is designed for all employees involved in trenching work, including job foremen, job superintendents, engineers and any personnel involved in underground projects.

According to OSHA 29 CFR 1926 Subpart PCCOHS (U.S.) and CCOHS (Canada), every excavation must have a designated Qualified/Competent Person to manage the safety aspects of the site. To properly carry out Qualified/Competent Person responsibilities, this individual must have training in, and be knowledgeable of, soil analysis, the use of protective systems and the requirements of the standard.

Additional responsibilities include identifying existing and predictable hazards in the work environment and possessing the authority to take prompt corrective action.

**Training topics**

- Introduction to trench safety
- The OSHA/CCOHS excavation standard
- Competent Person responsibilities
- Sloping, shoring and shielding guidelines
- Protective systems options
- Soil analysis
- Job planning

# OSHA 10 Hour Required

OSHA 10 Hour Training is designed for all employees involved in construction work, including job foremen, superintendents, engineers and any personnel involved in underground projects.

According to OSHA 29 CFR 1926.21(b)(2), “The employer shall instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to his work environment to control or eliminate any hazards or other exposure to illness or injury.” The OSHA 10 Hour Program provides the desired general safety training for construction workers to help meet this requirement.

Training topics

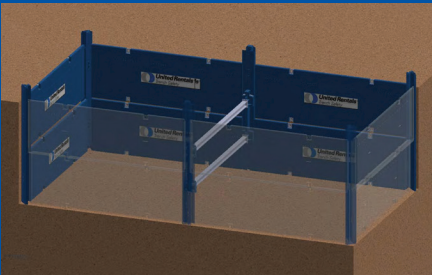
- Introduction to OSHA
- OSHA focus four hazards
- Fall protection
- Electrical
- Struck by (falling objects, trucks, cranes)
- Caught in/between (trench hazards, equipment)
- PPE and lifesaving equipment
- Health hazards in construction
- Trench & excavation
- Permit required confined space
- Two hours of elective topics (based upon class consensus)
- Alternate entry procedures
- Permit requirements for confined space

# OSHA 30 Hour Required

OSHA 30 Hour Training is designed for all employees involved in the construction industry needing advanced instruction. The OSHA 30 Hour Program is an extension of the OSHA 10 Hour Program and provides a more in-depth coverage of topics.

# Trench Safety Engineering Team

When you need help planning and organizing your jobs, you can count on our experienced, registered professional engineers to help you design and implement the right trench safety solution.



- Capabilities include developing, designing and implementing site-specific shoring systems for excavation projects nationwide
- Registered in 48 U.S. states, plus Canadian provinces ON, MB, SK, AB & BC
- UR engineers evaluate site conditions and design safe, effective and structurally sound shoring systems which promote jobsite efficiency and compliance
- UR engineers ensure all shoring systems comply with OSHA rules and regulations
- Highly experienced team assists with writing the codes for the shoring industry

# Safety training and certification when and where you need it.

United Academy® is a comprehensive training solution designed to help you reduce the overall cost and complexity of safety training and credential tracking for your employees. With United Academy courses throughout the U.S. and Canada, you can:

- Take classes online 24/7
- Schedule training at one of our branches, or at your worksite
- Access blended learning operator certification courses: online theory and exam supported by live practical evaluations
- Store training and certifications from United Academy and other providers
- Receive wallet cards to access training records anywhere and anytime using our mobile app or a computer
- Select from a robust course catalog that includes OSHA 10/30, Operator Certification, Fall Protection, Trench & Evacuation Safety, and much more

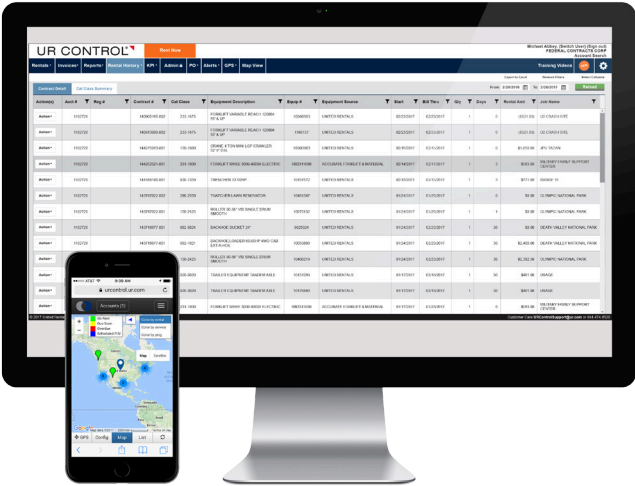
For more information, visit:  
**UnitedAcademy.ur.com**



# UR Control® and the UR Jobsite Mobile App are great tools for any job.

With UR Control, our free online rental management tool, you have unlimited access to your account details in real time. When you're on the go, get the same great benefits on any device with the UR Jobsite app. You can:

- View all equipment on rent, even across multiple accounts
- Easily remove or extend rentals
- Customize your equipment dashboard
- Set up automated custom reports
- Review rental history and invoices to plan the future
- Use with your iOS or Android device



# The best people, equipment and solutions in the industry.

Whatever your projects demand, you can depend on United Rentals from start to finish. Count on the world's largest fleet of rental equipment, 24/7 service and support, over 900 locations across the U.S. and Canada, and experts ready to help you find the best solutions. When you need to get the job done, we're here to help.



## **General Rental**

Aerial Lift Equipment  
Forklifts & Material Handling  
Earthmoving Equipment  
Compaction Equipment  
Concrete & Masonry Equipment  
Temporary Lighting



## **Power & HVAC**

Chillers  
Power Generation  
Air Conditioners  
Heaters  
Dehumidifiers  
Fuel Tanks  
Power Distribution



## **Pump Solutions**

Large Centrifugal Pumps  
Submersible Packages  
Wellpoint Pumps  
Filter Pots & Filters  
Vacuum/Excavation Units  
Custom-Fabricated Pumps



## **Reliable Onsite Services**

Portable Toilets & Showers  
Standard & Deluxe Units  
Restroom & Shower Trailers  
Wheelchair Accessible Units  
Hand Wash Stations  
Laundry Trailers



## **Tool Solutions**

Hoist & Rigging  
Specialty Welding  
Pneumatic Tools  
Hydraulic Tools  
Electric Tools



## **Trench Safety**

Pipe Testing Equipment  
Confined Space Equipment  
Pipe & Construction Lasers  
Barricades & Signs  
Safety & OSHA Training



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