



UNDERGROUND AWARENESS™

Underground Awareness safety talks are intended to promote discussions of safety issues among underground construction professionals. You should always read and understand the operator's manual before operating any equipment. For additional information, please e-mail safety@subsite.com.

TOPIC: LOCATING

POTENTIAL HAZARDS

- Confined space
- Weather and climate
- Traffic
- Slips, trips and falls
- Punctures
- Animals, insects and plants
- Lifting, bending and walking

PRECAUTIONS

- Never enter a confined space without knowing the atmosphere inside. Air quality testing may need to be done.
- Always be alert while driving or working near a roadway. The working environment changes constantly so be aware of your surroundings.
- Wear proper Personal Protective Equipment.
- A locator encounters animals, insects and poisonous plants on a daily basis. Know what to do when encountering and how to avoid an aggressive animal, harmful insect and dangerous plant.
- A hostile home or land owner may approach you. If finishing the job is unsafe, leave immediately.
- Never lift with your back. Lift using your legs and keep your back straight.
- Always be weather aware and protect yourself against the outside elements.
- Be alert while walking. Make sure you pay attention to the ground around you. Be aware of any potholes, uneven ground, curbs, nails, sharp objects, or obstacles in the walking path.

INFORMATION/FACTS

- One of the top injuries among locators is slips, trips and falls.
- Follow OSHA requirements for confined space. According to OSHA, 19.5 percent is the minimum permissible level that work can be performed. Below 19.5 percent, air respirators are required for the workers.
- Poisonous plants, such as poison ivy, can infect even if you do not make personal contact. It can be transferred to your skin by an animal or any clothes that came in contact with it. If you come in contact, wash skin in cold water repeatedly.
- Be sure to take frequent breaks during the summer and winter. Know the symptoms of heat and cold stress. Wear weather-appropriate clothing.
- If a dog attacks, stand still and do not make eye contact. If you are knocked down, curl up in a ball and protect your head.

CAUGHT UNAWARE

- A locator was at a house where he had previously done some locating. Since the dog in the backyard had never bothered him before, he did not think about it as he entered the backyard through the fence gate. He did not make himself known and it startled the dog. The dog attacked him. After a trip to the emergency room, several surgeries and stitches later, he is expected to make a full recovery.
- It was the last job of the day; the locator was almost finished and ready to head home after a long day's work. This job was at a construction site with numerous holes and uneven surfaces. The locator got in a hurry and was not paying attention to where he was stepping. He ended up stepping in a pothole at the site and breaking his ankle. After a month of being off work, he finally was able to return to work.
- A veteran locator was just beginning a job at a busy intersection with several underground utilities. While walking on the edge of the road trying to locate a gas line, he was hit from behind by a car going 45 mph that did not see him. Unfortunately, the locator did not survive.

Safety starts with Awareness.