



Safety Tip of the Week

Your Safety Is Our Business®

Volume 4 – Issue 27

July 2nd, 2017

Safety in Trenching

You can be trapped before there is time to react. So, it is important that every excavation be prepared correctly, allowing you to complete your job safely and efficiently. Remember that every trench is different. Soil type, moisture content, depth, configuration, proximity to existing structures, and location of spoil piles all work together to make every excavation unique.



Two workers are killed every month in trench collapses

General Trenching and Excavation

Rules:

- Keep heavy equipment away from trench edges.
- Identify other sources that might affect trench stability.
- Keep excavated soil (spoils) and other materials at least 2 feet (0.6 meters) from trench edges.
- Know where underground utilities are located before digging.
- Test for atmospheric hazards such as low oxygen, hazardous fumes, and toxic gases when > 4 feet deep.
- Inspect trenches at the start of each shift.
- Inspect trenches following a rainstorm or other water intrusion.
- Do not work under suspended or raised loads and materials.
- Inspect trenches after any occurrence that could have changed conditions in the trench.
- Ensure that personnel wear high visibility or other suitable clothing when exposed to vehicular traffic.

Remember you are the one going into the hole, so check the methods being used to protect the excavation. Prior to climbing down the ladder, check the spoil pile location and equipment that is near the excavation. Do you feel comfortable with the excavation, its protection, and the nearby surroundings?

Entering an unprotected excavation or trench could be the last thing you ever do!!



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