

TRENCHING & EXCAVATION



INSTRUCTIONS

1. Discuss the fatality and how it relates to our operations
2. Review LSA Visual Reference Guide
3. Utilize the safeguards as a reference
4. Have an open discussion on the following engagement questions

1 FATALITY

- A laborer was attempting to find a sewer main in a 7'6" deep trench that had not been shielded, sloped, or shored when it collapsed, and the laborer was engulfed.
- A contractor and a laborer were both killed when a 24' deep trench in Type C soil with vertical sides and no protection collapsed, burying them.

4 ENGAGEMENT QUESTIONS

- 1 Does anyone have a story to share about a TSCD incident and how it affected you and others?
- 2 If we identify that a safeguard doesn't apply to our work, what steps should we take next? If a critical safeguard is missing before starting work, how do we address it before proceeding?
- 3 What do we do if we are uncertain of what a safeguard is?
- 4 If a safeguard is not in place, who could this affect and how?

2 REVIEW

**LSA Visual Reference
Trenching &
Excavation (107)**



3 UTILIZE SAFEGUARDS AS A REFERENCE

- An Underground Utility Avoidance (Dig) Permit has been completed specific to the work area.
- A Trenching & Excavation Log has been completed by a Competent Person _____ (name) prior to anyone entering the trench.
- There is access (ladders, stairs, ramps, etc.) within 25' (7.6m) for any employee in the trench.
- Slopes, benches, shoring, or trench boxes are installed properly.
- Materials, equipment, and spoils are at least 2' (1 meter in Canada) from the edge.
- Employees are protected from crush points.
- Employees are protected from falling rock and other debris while in a trench or excavation.
- The air has been tested in trenches where the possibility of a hazardous atmosphere exists.