

TOPIC: TRENCH SAFETY AND SOIL CLASSIFICATION

Date: June 08, 2026

Location:

Supervisor:

Trade: General Contractor

State: California

HAZARDS COVERED TODAY

- proper classification to prevent excavation collapse
- inadequate protective system and increased risk of trench collapse
- soil classification per Appendix A before using aluminum hydraulic shoring tables
- trench wall collapse and worker engulfment

KEY SAFETY POINTS AND REQUIREMENTS

1. trench wall collapse and worker engulfment
2. timber trench shoring per Table C-1.3 dimensions based on trench depth and width
3. if the equipment failed the functional test
4. actions being taken to reduce exposure to within the permissible limit if exposure is above the permissible exposure lim

REQUIRED CONTROLS AND PROTECTIVE MEASURES

- Eliminate or substitute hazards where possible (hierarchy of controls)
- Engineering controls: barriers, ventilation, guarding
- Administrative controls: procedures, training, signage
- PPE: appropriate to identified hazards, properly fitted

REGULATORY REFERENCES

- (d)(2)(A): proper classification to prevent excavation collapse
- Section 1541.1 Appendix B (C): inadequate protective system and increased risk of trench collapse
- Appendix D(b): soil classification per Appendix A before using aluminum hydraulic shoring tables
- Table C-1.3: trench wall collapse and worker engulfment
- Table C-1.3: timber trench shoring per Table C-1.3 dimensions based on trench depth and width

CREW DISCUSSION

- What specific hazards have you noticed related to Trench Safety and Soil Classification on this site?
- Is all required PPE available and in good condition?
- Do you know the emergency procedures if an incident occurs?
- Is there anything about this topic you need clarification on?

EMPLOYEE SIGN-IN

By signing below, I confirm I attended this toolbox talk, understand the safety information presented, and will apply it in my work today.

EMPLOYEE NAME (PRINT)	TRADE / TITLE	COMPANY	SIGNATURE

