

Measuring Trench Depth and Asset Cover – Video Transcript

Welcome to our construction, safety and inspection preparation series. Our goal is to help you pass inspections and keep everyone safe. Today, we will be learning how to measure trench depth and underground facility cover. Before we start, remember safety is our top priority. Make sure you have the right gear: gloves, hardhat, safety glasses, flame resistant clothing, vest and boots.

Ensure you call 811 before you dig. Additionally, check your shoring requirements. These steps will help protect you and ensure the job gets done right. Verify trench depth standards at your pre-construction meeting. Depth must consider all other underground facilities. To measure the depth needed, start from the final grade. Account for the required cover for a primary or secondary trench, and all other underground facilities. Include space for conduit height and add your sand bed as required.

Total these measurements for your final depth. Measure cover from the final grade to the top of the conduit. Ensure there is space for the sand bed if you need it. Verify multiple depths for consistency. Confirm you've met the minimum cover depth and ensure standards are met, allowing you to schedule your inspection.

Thank you for practicing good safety and investing time to do the work right. Always check the latest standards and visit the PG&E Project Resources website for more details and to schedule your inspections.