

Daily Excavation Inspection Form

AN INSPECTION SHALL BE CONDUCTED PRIOR TO THE START OF WORK AND AS NEEDED THROUGHOUT THE SHIFT.
EXCAVATIONS SHALL BE INSPECTED AFTER EACH RAIN OR SNOW STORM

Date:	Competent Person:
Project:	Signature:
State One Call Phone Number: 811	Location:

I. VISUAL ANALYSIS (OSHA requires at least one visual analysis be performed)

	Yes	No		Yes	No
Subject to vibration			Cohesive		
Fissured or cracks present			Granular		
Caved-in			Moist, but not wet		
Layers tilting into trench			Dry		
Previously disturbed soil			"Yes" below means soil <i>must be Type "C"</i>		
Evacuated soil crumbles easily			Saturated or submerged		
"Yes" above means soil cannot be Type "A"			Water is seeping freely		

II. MANUAL TESTS (OSHA requires at least one manual test be performed)

Plasticity (Ribbon Test)	Cohesive	Non-cohesive
Thumb Penetration	1/4" or less (Type A)	1/4" to 1" (Type B)
Penetrometer	1. t/sq.ft.	2. t/sq.ft.
		3. t/sq.ft.

III. SOIL CLASSIFICATION

Soil Type	Stable Rock	Type A	Type B	Type C
Protection	Sloping	Trench box	Shoring	Other
Slope Angle	3/4H:1V (Type A)	1H:1V (Type B)	1 1/2H:1V (Type C)	
Depth of Trench	Width at Bottom	Overall Width		

IV. ADDITIONAL CONSIDERATIONS

Yes	No	N/A	
			Utilities identified, located, supported
			Surface encumbrances removed or supported
			Employees protected from loose rock or soil
			Spoils, materials, and equipment set back minimum of 2 feet from edge
			Berms, flagging, or barricades used to warn others of excavation
			Employees protected from exposure to mobile equipment or vehicles
			Employees instructed to stay clear of overhead loads
			In trenches of 4 feet or deeper, ramp or ladder provided 25 feet from workers
			Walkways with guardrails across trench provided for pedestrians
			Pumps or shields used to protect against hazards of accumulating water
			Surface water controlled or diverted
			Atmosphere tested for potential hazards (If detected, follow Confined Space Procedures)
			Manufacturer's data for trench box located on-site
			Trench sloped to no less than 18 inches below top of trench box
			Ladder located in trench box for safe entry/exit
			Trench box rated for trench depth and soil type
			Engineer's design on-site for trenches greater than 20 feet in depth