

EXCAVATION INSPECTION

Daily inspections of excavations, adjacent areas and protective systems should be conducted by a competent person. This examination should look for possible cave-in hazards, indications that protective systems may fail, hazardous atmospheres, or other situations which could result in drowning, electrocution or explosions.

Inspections should be completed:

- Prior to start of work
- As needed throughout shift
- After every rainstorm
- After any occurrence that increases hazards to employees

If hazardous situations are found during an inspection, remove exposed employees from the hazardous area until precautions can be taken to ensure their safety.

Project:		Date:	Weather:	Soil Type:
Trench Depth:	Length:	Width:	Type of Protective System:	

Yes	No	N/A	Excavation
			Excavations and protective systems inspected by Competent Person daily, before start of work.
			Competent Person has authority to remove workers from excavation immediately.
			Surface encumbrances supported or removed.
			Employees protected from loose rock or soil.
			Hard hats worn by all employees.
			Spoils, materials, and equipment set back a minimum of two feet from edge of excavation.
			Barriers provided at all remote excavations, wells, pits, shafts, etc.
			Walkways and bridges over excavations six feet or more in depth equipped with guardrails.
			Warning vests or other highly visible PPE provided and worn by all employees exposed to vehicular traffic.
			Employees prohibited from working or walking under suspended loads.
			Employees prohibited from working on faces of sloped or benched excavations above other employees.
			Warning system established and used when mobile equipment is operating near edge of excavation.
			Ladders provided every 25 feet laterally in an excavation over four feet in depth.
			Protective systems or benching in place in an excavation over five feet in depth.
			Excavations protected if required to be left open overnight.

Yes	No	N/A	Utilities
			Utility companies (including private) contacted and/or utilities located.
			Exact location of utilities marked when near excavation.
			Underground installations protected, supported, or removed when excavation is open.

Yes	No	N/A	Wet Conditions
			Precautions taken to protect employees from accumulation of water.
			Water removal equipment monitored by Competent Person.
			Surface water controlled or diverted.
			Inspection made after each rainstorm.

Yes	No	N/A	Hazardous Atmosphere
			Atmosphere tested when there is a possibility of oxygen deficiency or build-up of hazardous gases.
			Oxygen content is between 19.5% and 21%.
			Ventilation provided to prevent flammable gas build-up to 20% of lower explosive limit of the gas.
			Testing conducted to ensure that atmosphere remains safe.
			Emergency response equipment readily available where a hazardous atmosphere could or does exist.
			Employees trained in the use of personal protective and emergency response equipment.
			Safety harness and life line individually attended when employees enter deep confined excavation.

Signature of Competent Person

Date