

Appendix C.2: Daily Inspections

Trenching and Excavation Guide for Daily Inspection of Trenches and Excavations

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

Excavations
☐ 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.
☐ Spoils, materials, and equipment set back a minimum of 2' from edge of excavation.
☐ Barriers provided at all remote excavations, wells, pits, shafts, etc.
☐ Walkways and bridges over excavations 6' 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.
☐ Warning system established and used when mobile equipment is operating near edge of excavation.
Utilities
☐ Valid VA 811 Ticket in place, and on jobsite.
☐ All utilities in and near excavation clearly marked.
☐ No mechanized excavation within 2 feet of utility marks.
☐ Area surveyed for potential unmarked utilities.
☐ Underground installations protected, supported, or removed when excavation is open.
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.
Hazardous Atmosphere
☐ Atmosphere tested for any excavation more than 4 feet, or 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.