

## Trenching and Excavation Guide for Daily Inspection of Trenches and Excavations

Project:		Date:	
Weather:		Trench Depth:	
Soil Type:		Width:	
Type of Protective System:		Length:	
<b>Excavations</b>			
<input type="checkbox"/> Excavations and Protective Systems inspected by Competent Person daily, before start of work.			
<input type="checkbox"/> Competent Person has authority to remove workers from excavation immediately.			
<input type="checkbox"/> Surface encumbrances supported or removed.			
<input type="checkbox"/> Employees protected from loose rock or soil.			
<input type="checkbox"/> Spoils, materials, and equipment set back a minimum of 2' from edge of excavation.			
<input type="checkbox"/> Barriers provided at all remote excavations, wells, pits, shafts, etc.			
<input type="checkbox"/> Walkways and bridges over excavations 6' or more in depth equipped with guardrails.			
<input type="checkbox"/> Warning vests, or other highly visible PPE provided and worn by all employees exposed to vehicular traffic.			
<input type="checkbox"/> Employees prohibited from working or walking under suspended loads.			
<input type="checkbox"/> Warning system established and used when mobile equipment is operating near edge of excavation.			
<b>Utilities</b>			
<input type="checkbox"/> Valid VA 811 Ticket in place, and on jobsite.			
<input type="checkbox"/> All utilities in and near excavation clearly marked.			
<input type="checkbox"/> No mechanized excavation within 2 feet of utility marks.			
<input type="checkbox"/> Area surveyed for potential unmarked utilities.			
<input type="checkbox"/> Underground installations protected, supported, or removed when excavation is open.			
<b>Wet Conditions</b>			
<input type="checkbox"/> Precautions taken to protect employees from accumulation of water.			
<input type="checkbox"/> Water removal equipment monitored by Competent Person.			
<input type="checkbox"/> Surface water controlled or diverted.			
<input type="checkbox"/> Inspection made after each rainstorm.			
<b>Hazardous Atmosphere</b>			
<input type="checkbox"/> Atmosphere tested for any excavation more than 4 feet, or when there is a possibility of oxygen deficiency or build-up of hazardous gases.			
<input type="checkbox"/> Oxygen content is between 19.5% and 21%.			
<input type="checkbox"/> Ventilation provided to prevent flammable gas build-up to 20% of lower explosive limit of the gas.			
<input type="checkbox"/> Testing conducted to ensure that atmosphere remains safe.			
<input type="checkbox"/> Safety harness and life line individually attended when employees enter deep confined excavation.			