Trenching and Excavation Guide for Daily Inspection of Trenches and Excavations

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<table>
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<tbody>
<tr>
<td>Project:</td>
<td>Date:</td>
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<tr>
<td>Weather:</td>
<td>Trench Depth:</td>
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<tr>
<td>Soil Type:</td>
<td>Width:</td>
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<tr>
<td>Type of Protective System:</td>
<td>Length:</td>
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**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.
- Safety harness and life line individually attended when employees enter deep confined excavation.