

DAILY EXCAVATION PRE-ENTRY CHECKLIST

CF-S-89

Inspect Excavations: Daily prior to start of work, periodically throughout the day, after work breaks that extend longer than 45 minutes, following rainstorms or other hazard-increasing events (such as vehicles or other equipment approaching the edge of an excavation). Excavation checklists should be completed before entry when hazard assessments or site requirements dictate. Ensure that a valid safe work permit is in place where required. See SWP 46 for more information.

Inspect excavation for evidence of possible cave-ins, hazardous atmospheres, failure of protective systems, or other unsafe conditions. Inspections must be conducted by a competent person who:

- Familiar with soil analysis in local regulations.
- Familiar with the use of protective systems.
- Is knowledgeable about regulatory requirements.
- Has the authority to immediately eliminate hazards.

| Location: | Excavation Coordinator: | | Date (yyyy/mm/dd): | | |
|--------------------------------|--------------------------------|--------------|--------------------|----------|--|
| | | | | | |
| Soil Type: | | | | | |
| Method used to classify: | Visual 🗌 | Penetrometer | Ribbon | Manual 🗌 | |
| Trench Depth: | 2 Meters deep | • | | | |
| What is the appropriate slope | 3/4 to 1 🗌 | 1 to 1 🗌 | 2 to 1 🗌 | 3 to 1 🗌 | |
| What Protective System will be | | | | | |
| utilized: | | | | | |
| Access/Egress: | | | | | |

| Excavation: | YES | NO | N/A |
|---|-----|----|-----|
| Excavations and protective systems are inspected by a competent person daily before the start of work or if the condition of the excavation changes throughout the day. | | | |
| A competent person has the authority to remove workers from the excavation immediately. | | | |
| Surface encumbrance is supported or removed. | | | |
| Employees are protected from loose rocks and soil. | | | |
| Spoils, equipment, and materials set back a minimum of 1.2 meters (4ft) from the edge of the excavation. | | | |
| Barriers are provided at all obscured excavations, wells, pits, shafts, etc. | | | |
| Walkways and bridges over excavations 1.8m (6ft) or more in depth, equipped with guard rails. | | | |
| Employees are prohibited from working on faces of sloped or benched excavations above other employees. | | | |
| A warning system is established and used when mobile equipment is operating near the edge of the excavation. | | | |
| Safe entry and exit established within 8 m (25 ft) where workers are employed in trenches over 1.2 m (4 ft) deep. | | | |
| Excavation must be built in accordance with PEng. instructions where required (e.g. B.C. 20.78 Work Standard). | | | |
| The open side of an access route into an excavation used by mobile equipment has a curb installed (B.C. Requirement). | | | |



Competent Person:

Utilities:

DAILY EXCAVATION PRE-ENTRY CHECKLIST

CF-S-89

N/A

YES

Date:

NO

| Underground installations are protected, supported, or removed when excavation is open. | | | | | | | | | | |
|--|-----------------|-------------|-------------------|-----------------|--------|-------|---------------|----|-----|---|
| Mark (stakes are preferred) of underground facilities are maintained. | | | | | | | | | | |
| Spoil piles are place. | e not placed on | underground | facilities, or me | echanical prote | ction | is in | | | | |
| | | | | | | | \ | | | _ |
| Wet Conditi | ions: | | | | | | YES | NO | N/A | |
| Precautions have been taken to protect employees from the accumulation of water. | | | | | water. | | | | | |
| Water removal equipment is monitored by a competent person. | | | | | | | | | | |
| Surface water is controlled or diverted. | | | | | | | | | | |
| Atmosphere Readings (Where Required): | | | | | | | | | | |
| Oxygen: | | CO: | | LEL: | | | Not Required: | | | |
| Hazardous Atmosphere: | | | | | YES | NO | N/A | | | |
| The level of toxic substances present is not above the Action Level of the Threshold Limit Value (TVL), Permissible Exposure (PEL) or Occupational Exposure Limit (OEL). | | | | | | | | | | |
| Emergency response equipment is readily available where a hazardous atmosphere | | | | | | | | | | |
| could or does exist. | | | | | | | | | | |
| Employees are trained in the use of Personal Protective and Emergency Response Equipment. | | | | | | | | | | |
| Appropriate measures have been applied to protect workers from entering confined | | | | | | | | | | |
| excavations (e.g., continuous monitoring, safety watch, safety harness, and lifeline individually attended). | | | | | | | | | | |
| Signature of Pater | | | | | | | • | | | |

| Time: | Observations, Atmospheric Tests, Slope Adequate, Cracking, Fissures, and Water Ingress comments: | Initial: |
|-------|--|----------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



DAILY EXCAVATION PRE-ENTRY CHECKLIST

CF-S-89

| Date | Competent Person | Signature | Safe Y/N | Time | | |
|------------------------|------------------|-----------|-------------|------|--|--|
| | | | 1710 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Worker Acknowledgement | | | | | | |
| Date | Name | Signature | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |