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

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| **Signature of Competent Person:** |

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| **Yes** | **No** | **N/A** | **Excavation** |
|  |  |  | Trench box extends at least 18 inches above the vertical wall of the excavation and to within 2 feet of the bottom of the trench (or less if soil collapsing behind or below trench box). |
|  |  |  | Trench box installed in accordance with manufacturers specific instructions and use limitations. |
|  |  |  | Trench box inspected for damage or defects and pins and spreaders are securely installed. |
|  |  |  | If other soil protective systems are used, they are installed in accordance with manufacturersInstructions OR are approved by a Registered Professional Engineer. |
|  |  |  | All employees at worksite trained in trenching safety procedures. |
|  |  |  | Surface encumbrances such as utility poles, heavy equipment supported or removed. |
|  |  |  | Heavy equipment safety zone at least 1½ times depth of trench for if not supported. |
|  |  |  | Employees protected from loose rock or soil. |
|  |  |  | Spoils, materials, and equipment set back a minimum of 2' from edge of excavation. |
|  |  |  | Walkways and bridges over excavations 6' or more in depth are at least 20 inches wide and are equipped with required guardrails. |
|  |  |  | Ladders placed no more than 25 feet apart. |
|  |  |  | 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. |
|  |  |  | Barriers provided if trench opening is not readily apparent. |
|  |  |  | Barriers, fences available to secure area if left overnight. |

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| **Yes** | **No** | **N/A** | **Excavation** |
|  |  |  | Hard hats worn by all employees. |
|  |  |  | Work boots or safety shoes worn by all employees. |
|  |  |  | Eye protection worn by all employees (if applicable). |
|  |  |  | Hearing protection worn by all employees (if applicable). |
|  |  |  | Warning vests, or other highly visible PPE provided and worn by all employees exposed to vehicular traffic. |
| **Yes** | **No** | **N/A** | **Utilities** |
|  |  |  | Utility companies contacted and/or utilities located. |
|  |  |  | Exact location of utilities marked when near excavation. |
|  |  |  | Underground installations protected, supported, or removed when excavation is open. |

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| **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. |

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| **Yes** | **No** | **N/A** | **Hazardous Atmosphere** |
|  |  |  | Atmosphere tested when there is a possibility of oxygen deficiency or build-up ofhazardous gases. If yes, atmosphere will be tested every \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
|  |  |  | Oxygen content is between 19.5% and 21%. |
|  |  |  | Flammable gas build-up to 20% of lower explosive limit (LEL). |
|  |  |  | Toxic Levels of gases are below limits set on gas monitor. |
|  |  |  | Ventilation blowing into space and air intake placed away from vehicle exhaust. |
|  |  |  | Program Manager contacted if atmosphere is above established limits. Source of contaminant to be determined and eliminated prior to entry or Program Manager will establish special procedures for entry. |

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| **Emergency Procedures for Trench Cave-Ins*** **GET ALL OTHER EMPLOYEES OUT OF THE TRENCH!!**
* **CALL 911 NOTIFY COMPETENT PERSON**
* **Note time**
* **Note location of trapped worker(s)**
* **Leave all victims hand tools in place**
* **Shut down all heavy equipment**
* **Stop nearby traffic that may cause vibration**
* **Keep everyone back from trench at least 50 feet**
* **Gather information for rescue team**
* **WAIT for rescue team. Do not attempt to rescue.**

*Note-Do not attempt to dig the person out using hand tools or heavy equipment. This could cause the trench to collapse further and could cause further injuries!!!!* |