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| --- | --- | --- | --- | --- |
| **DATE** | **TIME** | | | **DATE EXPIRES** |
| **JOB DESCRIPTION AND LOCATION (BE SPECIFIC)** | | | | |
| **BEFORE TRENCHING AND EXCAVATION** | | | | |
| **SOIL CLASSIFICTION:**  Type C Type B Type A Stable   * Requirements have been met and required data documented * Proximity to utilities, buildings, footing or pilings and sources of vibrations * Utility Owners, service or transmission piping (Electrical, Phone, Water, Sewer, etc.) | | | * Check for previously disturbed ground * Adequacy and availability of all equipment, including personal protective gear, shoring materials, signs, barricades, and machinery * Other known obstructions (e.g. Footing concrete encasements) * Allowable slope | |
| COMMENTS: | | | | |
| Size of excavation Depth  Width Length | | Protective systems depth of a trench or excavation of 5 feet or more:  Check the applicable OSHA appendix below | | |
| Changing ground conditions, particularly after rainfall | | B – Sloping and Benching | | |
| Monitor for possible oxygen deficiency or Hazardous Atmospheres. | | C – Timber Shoring for Trenches | | |
| Adequacy of shoring and/or sloping as work progresses | | D – Aluminum Hydraulic Shoring for Trenching | | |
| MEANS OF ACCESS:  A. Ramp B. Ladders C. Stairway | | E – Alternatives to timber shoring | | |
| Change in vehicular and machinery operation patterns | | RPE – Engineered and Designed shoring (data must be filed on jobsite) | | |
| Water removal equipment and operation | | **NOTE: SLOPING OR BENCHING FOR EXCAVATIONS GREATER THAN 20 FEET DEEP SHALL BE DESIGNED BY A STATE REGISTERED PROFESSIONAL ENGINEER** | | |
| **VISIBILITY:**  A. Guardrails B. Flagging C. Stop Logs | |
| **DAILY/POST EVENT INSPECTION:** | | Adequacy of trench boxes or trench shields | | |
| **RESCUE PLAN:** | | | | |
| **SIGNATURES AND DATED** | | | | |
| COMPETENT PERSON | CIVIL ENGINEER | | | CIVIL SUPERINTENDENT |
| ELECTRICAL | SUPERVISOR | | | EQUIPMENT FOREMEN |
| EQUIPMENT OPERATOR | MECHANICAL SUPERVISOR | | | Other approval if required by civil engineer or registered professional engineer. |