|  |
| --- |
| TRENCH & EXCAVATION INSPECTION AND ENTRY AUTHORIZATION CHECKLIST  |
| LOCATION:  | DATE:  |
| TIME OF INSPECTION(S):  |
| WEATHER CONDITIONS:  | APPROX. TEMPERATURE:  |
| COMPETENT PERSON:  | SUPERVISOR:  |
| DIMENTIONS:  | DEPTH =  |  | **Yes No** HAZARDOUS CONDITIONS |
|  | TOP =  | **W**  | **L**  | **q q .......... Saturated soil / standing or seeping water**  |
| BOTTOM =  | **W**  | **L**  | **q q .......... Cracked or fissured wall(s)**  |
| SOIL TYPE: | TESTED:  | **q q .......... Bulging wall(s)**  |
| **q Stable Rock**  | **q Yes**  | **q q .......... Floor heaving**  |
| **q Type A Soil**  | **q No**  | **q q .......... Frozen soil**  |
| **q Type B Soil**  | **q q .......... Excess loads/weights near edge (i.e. crane, vehicle, equipment)** |
| **q Type C Soil –** any trench/excavation dug by PSU personnel shall be considered TYPE C soil**. Exemption required for changing soil type.** | **q q .......... Vibration**  |
| **q q .......... Depth greater than 10’ (i.e. depth at which two trench boxes are needed/stacked)** |
| PROTECTION METHOD UTILIZED:  | PLACEMENT OF SPOILS & EQUIPMENT  |
| **q Sloping / Benching 1-1/2:1 (Type C Soil)**S | **q q .......... Spoils at least two feet from edge of trench**  |
| **q Sloping / Benching 1:1 (Type B Soil)**  | **q q .......... Equipment at least two feet from edge**  |
| **q Sloping / Benching 3/4:1 (Type A Soil)**  | **q q .......... Backhoe at end of trench**  |
| **q Sloping / Benching Vertical (Stable Rock)**  | **q q .......... Compressor, etc. at remote location**  |
| **q Pneumatic Spreaders**  | LADDER LOCATION  |
| **q Hydraulic Spreaders**  | **q q .......... Located in protected area**  |
| **q Trench Box**  | **q q .......... Within 25 feet of safe travel**  |
| **q Other (Describe in detail)** IRREGULAR WALLS  | **q q .......... Secured**  |
| **q Trench over 20’ deep requires P.E. certification** | **q q .......... Extends 36 inches above the landing**  |
|   | **q q .......... Leads to safe landing**  |
| Yes No ENVIRONMENTAL CONDITIONS:  | OTHER:  |
| **q q Gas detector used?**  | **q q Shoring equip. & mats inspected prior to use?**  |
| **q q Hazardous atmosphere potential/present?** | **q q Is trench SAFE to enter?** |
| **q q Confined space permit issued?**  |  |
| COMMENTS:  |
| All unsafe conditions must be corrected prior to entry. If any hazardous conditions appear during the course of work the trench must be immediately evacuated.***Competent Person signature***: |
| *Version 1 – Original - created 3/2023*  |