

Appendix A

Trenching/Excavation Hazard Assessment

Date Prepared: _____ Location: _____ Time: _____
 Temperature (degrees F): _____ Weather Conditions: _____
 Supervisor Name: _____ Contact #: _____
 Competent Person: _____
 Project Manager (if applicable): _____
 Start Date: _____ Estimated Completion Date: _____

Shift time: _____		Depth =	
Top	W	L	
Bottom	W	L	

Soil Type	Tested?
<input type="checkbox"/> Solid rock (most stable)	<input type="checkbox"/>
<input type="checkbox"/> Average soil	<input type="checkbox"/>
<input type="checkbox"/> Fill material	<input type="checkbox"/>
<input type="checkbox"/> Loose sand	<input type="checkbox"/>

Comments:

Trench/Excavation Hazard Identification	Yes	No	N/A
Any underground utilities have been identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excavations may possess other physical hazards that include chemical exposure, noise exposure, and excessive heat exposure to employees while working in the excavation space. Before commencing work in an excavation space, evaluate the potential for the exposures & what PPE is required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hard hats, protective boots or shoes, goggles, protective clothing, and protective gloves are available and used as required by CSUDH employees entering trenches/excavations, Protective equipment is appropriate for the work being performed and provides adequate protection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Workers exposed to vehicle traffic must wear reflective vest. In rainy weather, they must wear reflective raingear.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspections			
Daily inspections performed (a) every day before work, (b) after every rainstorm, and (c) as needed, for evidence of possible cave-ins, failure of systems, hazardous atmospheres, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There is no accumulated water in trenches or excavations where employees work, unless special precautions are taken. Water is removed safely and monitored by the Competent Person.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There are no tension cracks, sloughing (small cave-ins), or bulging in trench walls or in the ground near trenches or excavation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There is no bending, buckling, or shoring in the trench or excavation. (If there is any damage, call a registered professional engineer.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>