

Excavation/Trench Inspection and Entry Authorization Form

This form will be completed by the Competent Person daily (at a minimum) or when site conditions change. The completion of this form is mandatory prior to work in any excavations or trenches 4' in depth or greater. A corresponding Excavation/Trenching Plan must be accepted by the GAR prior to work in any excavations/trenches 5' in depth or greater.

PRIME CONTRACTOR:				SUBCONTRACTOR:							
COMPETENT PERSON:				LOCATION:							
DATE:		TIME:		NUMBER OF CREW MEMBERS:							
Dimensions	Depth = Min.		Max.		Soil Type			Manual Test Measurement			
	Top = Width		Length		Solid Rock	Type B		Penetrometer			
	Bottom = Width		Length		Type A	Type C		Thumb Penetration			
HAZARDOUS CONDITIONS* (Visual Checks)				Yes	No	PERIMETER CONSIDERATIONS			Yes	No	n/a
Saturated soil/standing or seeping water?						Spoils located at least 2' away from edge?					
Bulging walls?						Materials located at least 2' away from edge?					
Rapid drying / shrinkage?						Class 1, 2, or 3 perimeter protection in place?					
Vibration from equipment / traffic?						Backhoe located at end of trench?					
Cracked or fissured walls?						Spotter working with the backhoe?					
Undercutting?						Exposed to the general public?					
Floor heaving?						MPM requirements completed?					
Super imposed loads?						LADDER/EGRESS LOCATION			Yes	No	n/a
Exposed utilities?						Located within protected area?					
Atmospheric testing required?						Located within 25 feet of safe travel?					
Structures adjacent to trench?						Extends 36" above landing and secured in place?					
Trees or roots in the work area?						Maximum ramp angle without cleats 25°?					
*If the hazards listed above result in a fall hazard or confined space, a corresponding Site Specific Fall Protection and Prevention Plan (SSFPPP) or Confined Space Plan (CSP) must be developed and accepted before work can commence.											
SHORING				Yes	No	COLOR CODE FOR UTILITY MARKING based on ANSI Z-53.1					
Manufacturer tabulated data sheets on site?						PROPOSED EXCAVATION					WHITE
Shoring inspected for defects/damage?						ELECTRIC POWER LINES, CONDUITS, LIGHTING CABLES					RED
Trench shield in use?						POTABLE WATER					BLUE
Speed shores in use?						GAS, STEAM, CONDENSATE, OIL COMPRESSED AIR					YELLOW
Speed shores pumped to design pressure?						TELECOMMUNICATIONS, ALARM OR SIGNAL LINE					ORANGE
Plywood or sheeting to be used?						TEMPORARY SURVERY MARKINGS					PINK
SLOPING						SEWER AND STORM DRAINS					GREEN
Type A soils at a minimum of ¾:1 (53°)?						RECLAIMED WATER, IRRIGATION, CHILLED LINES					PURPLE
Type B soils at a minimum of 1:1 (45°)?						OTHER					LIGHT BLUE
Type C soils at a minimum of 1 ½:1 (34°)?						EXCAVATION/TRENCH COMPETENT PERSON SIGNATURE X					
BENCHING											
Type A and B soils benched? (NO Type C)											
Max height of Type B soil bench 4'?											

Names of personnel authorized to enter the excavation/trench:
