

# TRENCH INSPECTION AND ENTRY AUTHORIZATION FORM

<b>LOCATION:</b>	<b>DATE:</b>
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**TIME OF INSPECTION(S)**

<b>WEATHER CONDITIONS:</b>	<b>APPROX. TEMP.:</b>
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<b>CREW LEADER:</b>	<b>SUPERVISOR:</b>
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DIMENSIONS:	DEPTH =			Yes	No	HAZARDOUS CONDITIONS
	TOP =	W	L	<input type="checkbox"/>	<input type="checkbox"/>	..... Saturated soil / standing or seeping water
	BOTTOM =	W	L	<input type="checkbox"/>	<input type="checkbox"/>	..... Cracked or fissured wall(s)

SOIL TYPE:	TESTED:					HAZARDOUS CONDITIONS
<input type="checkbox"/> Solid rock (most stable)	<input type="checkbox"/> Yes			<input type="checkbox"/>	<input type="checkbox"/>	..... Bulging wall(s)
<input type="checkbox"/> Average soil	<input type="checkbox"/> No			<input type="checkbox"/>	<input type="checkbox"/>	..... Floor heaving
<input type="checkbox"/> Fill material				<input type="checkbox"/>	<input type="checkbox"/>	..... Frozen soil
<input type="checkbox"/> Loose sand				<input type="checkbox"/>	<input type="checkbox"/>	..... Super-imposed loads
				<input type="checkbox"/>	<input type="checkbox"/>	..... Vibration
				<input type="checkbox"/>	<input type="checkbox"/>	..... Depth greater than 10'

PROTECTION METHODS: <i>(Walls MUST be vertical—NO voids)</i>	PLACEMENT OF SPOILS & EQUIPMENT
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SHORING	LADDER LOCATION
<input type="checkbox"/> Timber	<input type="checkbox"/> Spoils at least 2 feet from edge of trench
<input type="checkbox"/> Pneumatic	<input type="checkbox"/> Equipment at least 2 feet from edge
<input type="checkbox"/> Hydraulic	<input type="checkbox"/> Backhoe at end of trench
<input type="checkbox"/> Screw Jacks	<input type="checkbox"/> Compressor, etc. at remote location
<input type="checkbox"/> Trench Shield	

UNEVEN, IRREGULAR WALLS	LADDER LOCATION
<input type="checkbox"/> Trench Box	<input type="checkbox"/> Located in protected area
	<input type="checkbox"/> Within 25 feet of safe travel
	<input type="checkbox"/> Secured
	<input type="checkbox"/> Extends 36 inches above the landing
	<input type="checkbox"/> Leads to safe landing

<b>Sloping:</b>	q 1:1 (45°)	q 1 ½:1 (34°)			
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Yes	No	ENVIRONMENTAL CONDITIONS:			OTHER:
<input type="checkbox"/>	<input type="checkbox"/>	Gas detector used?	<input type="checkbox"/>	<input type="checkbox"/>	Shoring equip. & materials inspected prior to use?
<input type="checkbox"/>	<input type="checkbox"/>	Confined space permit issued?	<input type="checkbox"/>	<input type="checkbox"/>	Is trench SAFE to enter?

**COMMENTS:**

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	<b>Work Order #</b>
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<p><b>N O T E</b></p> <p>All unsafe conditions must be corrected prior to trench entry. If any hazardous conditions are observed, the trench must be immediately evacuated and no one allowed entry until corrective action has been taken.</p>	<p style="text-align: center;"><b>TO BE FILLED OUT BY EHS PERSONNEL</b></p> <p><b>Excavation Entry Authorized By:</b> _____</p> <p style="text-align: right;">EHS Inspector</p>
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