

## TRENCH INSPECTION AND ENTRY AUTHORIZATION FORM

LOCATION:	DATE:
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TIME OF INSPECTION(S)

WEATHER CONDITIONS:	APPROX. TEMP.:
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CREW LEADER	SUPERVISOR:
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DIMENSIONS:	DEPTH =			Yes	No	HAZARDOUS CONDITIONS
	TOP =	W	L	<input type="checkbox"/>	<input type="checkbox"/>	..... Air slacking
	BOTTOM =	W	L	<input type="checkbox"/>	<input type="checkbox"/>	..... Below water table

SOIL TYPE:	TESTED:	
<input type="checkbox"/> Solid rock, shale	<input type="checkbox"/> Yes	<input type="checkbox"/> ..... Bulging wall(s)
<input type="checkbox"/> Average soil	<input type="checkbox"/> No	<input type="checkbox"/> ..... Floor heaving
<input type="checkbox"/> Fill material		<input type="checkbox"/> ..... Frozen soil
<input type="checkbox"/> Loose sand		<input type="checkbox"/> ..... Super-imposed loads
		<input type="checkbox"/> ..... Vibration
		<input type="checkbox"/> ..... Wet soil

PROTECTION METHODS:	PLACEMENT OF SPOILS & EQUIPMENT
<i>(Walls MUST be vertical-NO voids)</i>	<input type="checkbox"/> ..... Spoils at least 2 feet from edge of trench

SHORING:	
<input type="checkbox"/> Timber	<input type="checkbox"/> ..... Spoils not increasing super-imposed load
<input type="checkbox"/> Pneumatic	<input type="checkbox"/> ..... Backhoe at end of trench
<input type="checkbox"/> Hydraulic	<input type="checkbox"/> ..... Compressor, etc. at remote location

UNEVEN, IRREGULAR WALLS	LADDER LOCATION
<input type="checkbox"/> Trench box	<input type="checkbox"/> ..... Located in protected area
Sloping: <input type="checkbox"/> 1:1 (45°) <input type="checkbox"/> 1 1/2:1 (34°)	<input type="checkbox"/> ..... Within 25 feet of safe travel
Yes No	<input type="checkbox"/> ..... Secured
	<input type="checkbox"/> ..... Extends 36 inches above the landing
	<input type="checkbox"/> ..... Leads to safe landing

ENVIRONMENTAL CONDITIONS:	OTHER:
<input type="checkbox"/> <input type="checkbox"/> Gas detector used?	<input type="checkbox"/> <input type="checkbox"/> Shoring equip. & mats 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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	Work Order #
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<p style="font-weight: bold; font-size: 1.2em; margin: 0;">NOTE</p> <p style="margin: 0;">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 to re-enter until corrective action has been taken.</p>	<p style="margin: 0;">TO BE FILLED OUT BY EHS PERSONNEL</p> <p style="margin: 5px 0 0 0;">Excavation Entry Authorized By: _____</p> <p style="text-align: right; margin: 0 0 0 150px;">EHS Inspector</p>
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