



Trench or Excavation Daily Inspection

conducted for

GoDeep Trenching Agency

Job #

EXC-482201

Project Name

Ridgemont Drainage System

Project Location

1419-1421 Ridgemont Dr, Austin, TX 78723, USA

Conducted on

30 Apr 2018 08:40 AM

Prepared by

SafetyCulture Staff

Completed on

30 Apr 2018 09:01 AM


Score

41/46.0 - 89.13%

Failed Responses

This section lists responses that were set as "failed responses" in the template used for this audit

Question	Response	Details
Surface encumbrances removed or supported.	No	Fissures are visible on the side
<div data-bbox="92 450 308 667" data-label="Image"> </div> <div data-bbox="140 669 256 696" data-label="Caption"> <p>Appendix 2</p> </div>		
Employees protected from loose rock or soil that could pose a hazard by falling or rolling into the excavation.	No	Rock on top of the worker might collapse. Support system used is not adequate.
<div data-bbox="92 898 308 1115" data-label="Image"> </div> <div data-bbox="140 1117 256 1144" data-label="Caption"> <p>Appendix 3</p> </div>		
Hard hats worn by all employees.	No	Some workers do not use hard hats
<div data-bbox="92 1274 308 1491" data-label="Image"> </div> <div data-bbox="140 1494 256 1520" data-label="Caption"> <p>Appendix 4</p> </div>		
Warning vests or other highly visible clothing provided and worn by all employees exposed to public vehicular traffic.	No	Some workers do not wear warning vests.
<div data-bbox="92 1756 308 1973" data-label="Image"> </div> <div data-bbox="140 1975 256 2002" data-label="Caption"> <p>Appendix 5</p> </div>		

Question	Response	Details
<p>Atmosphere within the excavation tested where there is a reasonable possibility of an oxygen deficiency, combustible or other harmful contaminant exposing employees to a hazard.</p>	<p>No</p>	<p>A gas pipe was found upon excavation.</p>
<div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <p>Appendix 8</p> </div> </div>		

Actions

#1. A fissure was detected. Please relocate the excavation immediately.

Assignee: andy783lim@gmail.com
Priority: HIGH
Due Date: 30 Apr 2018 08:46 AM
Audit: EXC-482201 / Ridgemont Drainage System /
SafetyCulture Staff / 30 Apr 2018
Linked to item: Surface encumbrances removed or supported.
Status: To Do


#2. Wear hard hats at all times during the operation.

Assignee: hot4534@gmail.com
Priority: MEDIUM
Due Date: 30 Apr 2018 08:53 AM
Audit: EXC-482201 / Ridgemont Drainage System /
SafetyCulture Staff / 30 Apr 2018
Linked to item: Hard hats worn by all employees.
Status: To Do




#3. Be cautious this might cause respiratory hazards due to toxic gas.


Assignee: hunter5654gfd@gmail.com
Priority: HIGH
Due Date: 30 Apr 2018 08:57 AM
Audit: EXC-482201 / Ridgemont Drainage System /
SafetyCulture Staff / 30 Apr 2018
Linked to item: Atmosphere within the excavation tested where there is a
reasonable possibility of an oxygen deficiency,
combustible or other harmful contaminant exposing
employees to a hazard.
Status: To Do



Audit - 41/46 89.13%

Question	Response	Details
Excavation Information		
Excavation project description	This excavation project is for erecting a building.	
Purpose of Trenching	Drainage	
Excavation Depth	20 ft	
Excavation Width	15 ft	
Take photo of the excavation area		
		
Appendix 1		
Excavation tools and machines used	1. Power shovel 2. Drag line 3. Spade 4. Hoe 5. Shovel	
Has all heavy equipment undergone safety checks?	Yes	
Approximate Temperature	24 Celsius	
Weather	Dry	
Soil Type	Type A	
Protective System	Wood shoring	
Jobsite Inspection		Score (9/13) 69.23%
Competent person has the authority to remove employees from the excavation immediately.	Yes	Jerry Miller was the assigned competent person on this site
Excavations, adjacent areas, and protective systems inspected by a competent person daily before the start of work.	Yes	


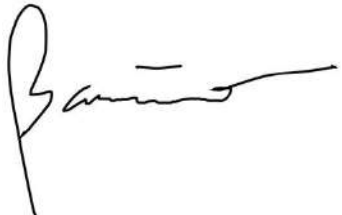
Question	Response	Details
Surface encumbrances removed or supported.	No	Fissures are visible on the side
<div data-bbox="92 284 308 501" data-label="Image"> </div> <div data-bbox="140 506 256 533" data-label="Caption"> <p>Appendix 2</p> </div>		
<p>REFERENCE: No encumbrances like utilities, foundations, streams, water tables, transformer vaults, walkways, bridges, roads, and geologic anomalies present [This is an example of how you can use iAuditor to include best practice reference images in your templates to assist with inspections]</p> <div data-bbox="533 752 1059 1550" data-label="Image"> </div>		
Spoils, materials, and equipment set back at least two feet from the edge of the excavation.	Yes	
Barriers provided at all remotely located excavations, wells, pits, shafts, etc.	Yes	
Walkways and bridges over excavations four feet or more in depth are equipped with standard guardrails and toeboards.	Yes	

Question	Response	Details
Warning system established and utilized when mobile equipment is operating near the edge of the excavation.	Yes	
Employees protected from loose rock or soil that could pose a hazard by falling or rolling into the excavation.	No	Rock on top of the worker might collapse. Support system used is not adequate.
 <p data-bbox="140 680 256 707">Appendix 3</p>		
Employees required to stand away from vehicles being loaded or unloaded.	Yes	
Employees prohibited from going under suspended loads.	Yes	
Employees prohibited from working on the faces of slopes or benched excavations above other employees.	Yes	
Hard hats worn by all employees.	No	Some workers do not use hard hats
 <p data-bbox="140 1404 256 1431">Appendix 4</p>		
Warning vests or other highly visible clothing provided and worn by all employees exposed to public vehicular traffic.	No	Some workers do not wear warning vests.
 <p data-bbox="140 1888 256 1915">Appendix 5</p>		

Question	Response	Details
Utilities		Score (3/3) 100.00%
Utility companies contacted and/or utilities located.	Yes	
Exact location of utilities marked.	Yes	
Underground installations protected, supported, or removed when excavation is open.	Yes	Safety inspection were conducted last month
Entry and Exit		Score (6/6) 100.00%
Lateral travel to means of egress no greater than 25 feet in excavations four feet or more in depth.	Yes	
 <p>Appendix 6</p>		
Ladders used in excavations secured and extended three feet above the edge of the trench.	Yes	
Structural ramps used by employees designed by a competent person.	Yes	
Structural ramps used for equipment designed by a registered professional engineer (RPE)	Yes	
Ramps constructed of materials of uniform thickness, cleated together on the bottom, equipped with no-slip surface.	Yes	
Employees protected from cave-ins when entering or exiting the excavation.	Yes	

Question	Response	Details
Wet Conditions		Score (4/4) 100.00%
Precautions take to protect employees from the accumulation of water.	Yes	
 <p data-bbox="140 577 256 607">Appendix 7</p>		
Water removal equipment monitored by a competent person.	Yes	
Surface water or runoff diverted or controlled to prevent accumulation in the excavation.	Yes	
Inspections made after every rainstorm or other hazard-increasing occurrence.	Yes	
Hazardous Atmosphere		Score (6/7) 85.71%
Atmosphere within the excavation tested where there is a reasonable possibility of an oxygen deficiency, combustible or other harmful contaminant exposing employees to a hazard.	No	A gas pipe was found upon excavation.
 <p data-bbox="140 1518 256 1547">Appendix 8</p>		
Adequate precautions taken to protect employees from exposure to an atmosphere containing less than 19.5% oxygen and/or to other hazardous atmospheres	Yes	
Ventilation provided to prevent employee exposure to an atmosphere containing flammable gas in excess of 10% of the lower explosive limit of the gas.	Yes	

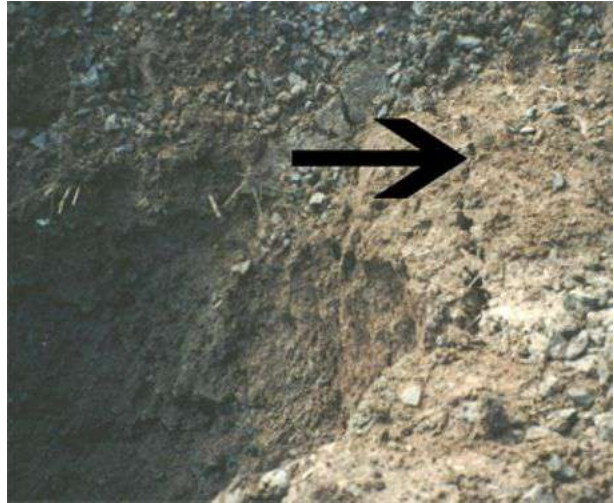
Question	Response	Details
Testing conducted often to ensure that the atmosphere remains safe.	Yes	
Emergency equipment, such as breathing apparatus, safety harness and lifeline, and/or basket stretcher readily available where hazardous atmospheres could or do exist.	Yes	
Employees trained to use personal protective and other rescue equipment.	Yes	
Safety harness and lifeline used and individually attended when entering bell bottom or other deep confined excavations	Yes	
Support Systems		Score (13/13) 100.00%
Materials and/or equipment for support systems selected based on soil analysis, trench depth, and expected loads.	Yes	
Materials and equipment used for protective systems inspected and in good condition.	Yes	equipment inspections were conducted 2 weeks ago
Materials and equipment not in good condition have been removed from service.	Yes	
Damaged materials and equipment used for protective systems inspected by a registered professional engineer (RPE) after repairs and before being placed back into service.	Yes	
Protective systems installed without exposing employees to the hazards of cave-ins, collapses, or threat of being struck by materials or equipment.	Yes	
Members of support system securely fastened to prevent failure.	Yes	
Support systems provided in ensure stability of adjacent structures, buildings, roadways, sidewalks, walls, etc.	Yes	
Excavations below the level of the base or footing supported, approved by an RPE.	Yes	

Question		Response	Details
Removal of support systems progresses from the bottom and members are released slowly as to note any indication of possible failure.		Yes	
Backfilling progresses with removal of support system.		Yes	
Excavation of material to a level no greater than two feet below the bottom of the support system and only if the system is designed to support the loads calculated for the full depth.		Yes	
Shield system placed to prevent lateral movement.		Yes	
Employees are prohibited from remaining in shield system during vertical movement.		Yes	
Recommendations			
Enter recommendations here		<ol style="list-style-type: none"> 1. Keep heavy equipment away from trench edges. 2. Know where underground utilities are located. 3. Test for low oxygen, hazardous fumes and toxic gases. 4. Inspect trenches at the start of each shift. 5. Wearing proper PPE is a must. 6. Do not work under raised loads. 	
Completion			
Full Name and Signature of Competent Person	Jerry Miller	30 Apr 2018 09:10 AM	
Full Name and Signature of Inspector	Andy Barrino	30 Apr 2018 09:10 AM	

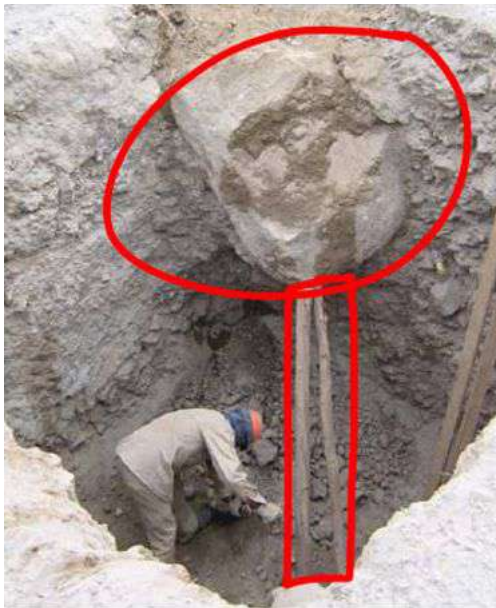
Media



Appendix 1



Appendix 2



Appendix 3



Appendix 4



Appendix 5



Appendix 6



Appendix 7



Appendix 8