

CRITICAL CONTROLS ENGAGEMENT– EXCAVATIONS

Project Name	Date	Day	Month	Year
Contractor	Crew Inspected			
Conducted by	<i>Date & Sign.</i>			
Conducted by	<i>Date & Sign.</i>			
Distribution	Contractor Representative		Project Safety Coordinator	
	Safety Retention Binder			

Interview worker(s) to ask the following <u>Open Questions</u> & rank responses. See second page for samples of the desired responses.	0 = Below Expectations 1 = Meets Expectations 0.5 = Meets Some Expectations (use sparingly)	RESPONSE RANKING
---	---	-------------------------

1. Can you show me the JSA/FLHA where the energy/hazards for excavations are discussed?	
<i>VERIFICATION COMMENTS:</i>	
2. Can you show me the dominant hazards associated with in and around an excavation?	
<i>VERIFICATION COMMENTS:</i>	
3. Describe the most likely and or severe injury to occur while performing work in or around an excavation?	
<i>VERIFICATION COMMENTS:</i>	
4. Explain what to look for when you inspect/evaluate the excavation prior to entry?	
<i>VERIFICATION COMMENTS:</i>	
5. Can you show me access and egress locations needed for entry into the excavation? How do you keep unauthorized personnel for entering the excavation?	
<i>VERIFICATION COMMENTS:</i>	
6. Describe the methods used to prevent the walls of the excavation from falling-in?	
<i>VERIFICATION COMMENTS:</i>	
7. Explain the method of communication between the equipment operator and workers in the excavation while excavating, along with where to stand in order to stay out of crush points?	
<i>VERIFICATION COMMENTS:</i>	
8. What are <u>you</u> going to do to prevent the types of injuries or illnesses you described from happening to <u>you</u> or <u>anyone</u> else on this job?	
<i>VERIFICATION COMMENTS:</i>	

Assessment Summary Ranking = $\frac{\text{Response Ranking Total ()}}{\text{Number of Applicable Questions ()}} \times 100$	%
--	---

Supervisor Improvement Action Plan
Supervisor informed of any improvement opportunities and agreement established to address improvements.
<div style="display: flex; justify-content: space-between;"> <div style="width: 33%;">Supervisor name:</div> <div style="width: 33%;">Signature:</div> <div style="width: 33%;">Date:</div> </div>
Assessment follow-up date:
Additional Comments, Commendations or Items of Concern

Desired Responses to Interview Questions	
1.	<p>1. Can you show me the JSA/FLHA where the energy/hazards for excavations are discussed?</p> <p>Listen for: Clear and full understanding of the task being performed; level of risk tolerance the worker(s) have with the task and level of controls being used; excavation/confined space pre-job meetings; area control to restrict access to imminent danger zone and communicate hazards of entering excavation area; other?</p>
2.	<p>Can you show me the dominant hazards associated with in and around an excavation?</p> <p>Listen and look for: Falls into the excavation; unstable soil causing the excavation walls to collapse; water level; crush points between operating equipment and excavation wall or material/equipment; gathering point for heavier than air toxic/flammable/inert gases and vapors; other?</p>
3.	<p>Describe the most likely and or severe injury to occur while performing work in or around an excavation?</p> <p>Listen for: Head injury, fractured limbs/back/neck, separation/dislocation of joints, due to falls; suffocation due to entrapment of soil; drowning; head injury, fractured limbs/back/neck, separation/dislocation of joints, internal organ damage due to crushing; poisoning/asphyxiation or due to gases or vapours; other?</p>
4.	<p>Explain what to look for when you inspect/evaluate the excavation prior to entry?</p> <p>Listen for: Qualified/competent worker determining soil types for sloping/shoring requirements; adequate access/egress points; water level and control; spoil pile placement; gas testing and monitoring requirements; other?</p>
5.	<p>Can you show me access and egress locations needed for entry into the excavation? How do you keep unauthorized personnel for entering the excavation?</p> <p>Listen and look for: Minimum of two entrances/exits for excavations over 1.2 m (4 ft) in depth; exit on each side of a pipe workers are on; maximum of 8 m (25 ft) laterally to an exit or less if required by local legislation; use of secured ladders/stairs or cut-in ramps/stairs; other?</p>
6.	<p>Describe the methods used to prevent the walls of the excavation from falling-in?</p> <p>Listen and look for: Cutting the wall of the excavation back to the required slope for the soil type, when over a depth of 1.2 m (4 ft); temporary protective structures such as shoring, trench boxes or sheet piling; trench box sides extended to minimum ground level or 400 mm (18 in) above ground level for sloped ground; professional engineer design for sheet piling; backfilling the space between the trench box and excavation; placing soil piles and heavy equipment minimum 1 m (4 ft) back from the excavation edge; other?</p>
7.	<p>Explain the method of communication between the equipment operator and workers in the excavation while excavating, along with where to stand in order to stay out of crush points?</p> <p>Listen for: Predetermined hand signals; two-way radio communication; designated signal person; staying within the confines of the temporary protective structure such as shoring, trench boxes or sheet piling; not placing body or limbs between equipment implements, hoisted/lifted materials or equipment and any solid objects/excavation wall; other?</p>
8.	<p>What are <u>you</u> going to do to prevent the types of injuries or illnesses you described from happening to <u>you or anyone</u> else on this job?</p> <p>Listen for verbal commitment to the following: Stopping work and intervening when unsafe behaviours/conditions are identified; asking questions when unclear; following the plan established from the hazard assessment; other?</p>
Comments for Improvement of this Work Practice Evaluation	

