



JOB SAFETY ANALYSIS

COMPANY/ PROJECT NAME or ID/ LOCATION (City, State)	DATE 4/13/2012	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
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WORK ACTIVITY (Description):

EXCAVATIONS

DEVELOPMENT TEAM	POSITION / TITLE	REVIEWED BY:	POSITION / TITLE
Aron Yakima	Project Manager	Sean Erlenbeck	Director of Safety
Sean Erlenbeck	Director of Safety		

MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT (SEE CRITICAL ACTIONS FOR TASK-SPECIFIC REQUIREMENTS)

<input checked="" type="checkbox"/> REFLECTIVE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES	<input type="checkbox"/> GOGGLES <input checked="" type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION <input checked="" type="checkbox"/> SAFETY SHOES	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING	<input checked="" type="checkbox"/> GLOVES Cut-resistant <input type="checkbox"/> OTHER Chaps
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¹ JOB STEPS	² POTENTIAL HAZARDS	³ CRITICAL ACTIONS TO MITIGATE HAZARDS
1) Setup job site for excavation	<ul style="list-style-type: none"> Slips, trips and falls Eye and skin contact with Fuel Spills Loose/worn parts Equipment malfunction or damage Site specific hazards 	<ul style="list-style-type: none"> Identify/mark slip, trip and fall hazards. Wear appropriate PPE if fueling equipment, read MSDS. Make sure equipment is not leaking. Fuel equipment at secure location with underlying pavement. Ensure that connections are tight. Replace defective or worn parts. Locate all kill switches Operators to perform daily equipment inspections. If any defects notify equipment manager for repair. Create a TSTI and Excavation Permit for work to be performed
2) Excavate	<ul style="list-style-type: none"> Underground Interferences Struck by/Crushed by Cave-in protection Safe access and egress Hazardous Atmospheres 	<ul style="list-style-type: none"> Identify all utilities with a RYCOM in area to be Excavated. Mark with a visible indicator that can be easily seen by employees in the work zone. Complete Brieser Excavation Permit Barricade swing radius of excavator Sloping, benching or shoring as required by excavation permit Competent person to verify daily integrity of excavation per excavation permit Install ladders per policy. Inspect before use or install ramps per excavation policy Use of a calibrated 4-gas monitor as needed per excavation permit.
3) Secure Area	<ul style="list-style-type: none"> Slips, Trips and Falls 	<ul style="list-style-type: none"> Install jersey barricades to protect open excavation from other non-authorized personel.
4) Clean up	<ul style="list-style-type: none"> Slips, trips and falls Sprains & Strains 	<ul style="list-style-type: none"> Inspect work area, move material that may cause trips prior to performing work. Use proper lifting techniques/team lift.
5) Secure tools.	<ul style="list-style-type: none"> Slips, trips and falls Security 	<ul style="list-style-type: none"> Inspect work/staging area. Lock equipment. Lock away tools.