



Brieser
CONSTRUCTION

JOB SAFETY ANALYSIS

COMPANY/ PROJECT NAME or ID/ LOCATION (City, State)		DATE August 18, 2015	<input checked="" type="checkbox"/> NEW <input type="checkbox"/> REVISED	PAGE 1 of 2
WORK ACTIVITY (Description)				
BACKFILLING & COMPACTION (GENERIC)				
DEVELOPMENT TEAM		POSITION / TITLE		REVIEWED BY:
Dave Ruzich		Safety Coordinator		
MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT (SEE CRITICAL ACTIONS FOR TASK-SPECIFIC REQUIREMENTS)				
<input type="checkbox"/> REFLECTIVE VEST	<input type="checkbox"/> GOGGLES	<input type="checkbox"/> AIR PURIFYING RESPIRATOR	<input checked="" type="checkbox"/> GLOVES	Cut-resistant
<input checked="" type="checkbox"/> HARD HAT	<input type="checkbox"/> FACE SHIELD	<input type="checkbox"/> SUPPLIED RESPIRATOR	<input type="checkbox"/> OTHER	Chaps
<input type="checkbox"/> LIFELINE / HARNESS	<input checked="" type="checkbox"/> HEARING PROTECTION	<input checked="" type="checkbox"/> PPE CLOTHING		
<input checked="" type="checkbox"/> SAFETY GLASSES	<input checked="" type="checkbox"/> SAFETY SHOES			
¹JOB STEPS	²POTENTIAL HAZARDS	³CRITICAL ACTIONS TO MITIGATE HAZARDS		
1. Backfilling & Compacting Soils	<ul style="list-style-type: none"> Slips, Trips, Falls 	<ul style="list-style-type: none"> Clear walkways, work areas of equipment, tools, construction debris and other materials Mark, identify, or barricade other obstructions 		
2.	<ul style="list-style-type: none"> Handling Heavy Objects 	<ul style="list-style-type: none"> Observe proper lifting techniques Obey sensible lifting limits (60 lb. maximum per person manual lifting) Use mechanical lifting equipment (hand carts, trucks) to move large, awkward loads 		
3.	<ul style="list-style-type: none"> Struck by/ Against Heavy Equipment, Flying Debris, Protruding Objects 	<ul style="list-style-type: none"> Wear reflective hi-vis vests when exposed to vehicular traffic Isolate equipment swing areas Make eye contact with operators before approaching equipment Barricade or enclose the work area Restrict work area entry to authorized personnel only during construction activities Wear hard hats, safety glasses with side shields, and steel-toe safety boots Understand and review hand signals 		
4.	Vibration	<ul style="list-style-type: none"> Rotate compaction tasks to minimize worker exposure to equipment vibration Use compactors with vibration dampening devices 		
5.	High Noise Levels	<ul style="list-style-type: none"> Use hearing protection when exposed to excessive noise levels (greater than 85 dBA over an 8-hour work period) Assess noise level with sound level meter if possibility exists that level may exceed 85dBA TWA 		



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6.	High/ Low Ambient Temperature	<ul style="list-style-type: none">• Monitor for Heat/Cold stress• Provide fluids to prevent worker dehydration• Establish work/test schedule
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¹ Each Job or Operation consists of a set of steps. Be sure to list all the steps in the sequence that they are performed. Specify the equipment or other details to set the basis for the associated hazards in Column 2

² A hazard is a potential danger. What can go wrong? How can someone get hurt? Consider, but do not limit, the analysis to: **Contact** - victim is struck by or strikes an object; **Caught** - victim is caught on, caught in or caught between objects; **Fall** - victim falls to ground or lower level (includes slips and trips); **Exertion** - excessive strain or stress / ergonomics / lifting techniques; **Exposure** - inhalation/skin hazards. Specify the hazards and do not limit the description to a single word such as "Caught"

³ Aligning with the first two columns, describe what actions or procedures are necessary to eliminate or minimize the hazards. Be clear, concise and specific. Use objective, observable and quantified terms. Avoid subjective general statements such as, "be careful" or "use as appropriate".