



JOB SAFETY ANALYSIS

COMPANY/ PROJECT NAME or ID/ LOCATION (City, State) Brieser Construction-Vehicle Small Fluid Spills		DATE 4/13/15	<input checked="" type="checkbox"/> NEW <input type="checkbox"/> REVISED	PAGE 1 of 3
WORK ACTIVITY (Description): Incidental Spills of Oil & Hydraulic Fluid				
DEVELOPMENT TEAM	POSITION / TITLE	REVIEWED BY:	POSITION / TITLE	
Dave Ruzich	Safety Coordinator			
MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT (SEE CRITICAL ACTIONS FOR TASK-SPECIFIC REQUIREMENTS)				
<input 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 type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION <input checked="" type="checkbox"/> Steel Toed/Composite Safety Shoes with Defined Heels	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SAR/ RESPIRATOR <input type="checkbox"/> PPE CLOTHING	<input checked="" type="checkbox"/> GLOVES-Oil Resistance Protective Gloves <input type="checkbox"/> OTHER	
¹JOB STEPS	²POTENTIAL HAZARDS	³CRITICAL ACTIONS TO MITIGATE HAZARDS		
1. Assess the situation to determine if material is contained. if a release is threatened (leaking, bulging, hissing, etc), if already released, and if the material poses a danger to the public, ground water, nearby waterways.	<ul style="list-style-type: none"> Exposure to the material released which may lead to adverse health effects. Exposure of the public to the material. Harm to the environment when material is outside and is not contained. When material is contained. Physical injury due to physical hazards present at the site. 	<ul style="list-style-type: none"> Avoid contact with material by assessing at a non-spill location nearby. Obtain clearer visual characterization of spill material. Temporarily block off area of spill so that people or equipment will not spread the oil or fluids.. Surround the spill area with a tape with "Do Not Enter".. Take action to prevent spill/release from entering sewers, streams, and spreading to adjacent areas. Use of (Spill Kits) located in each Brieser Equipment Vehicle which might consist of creating a berm or dam with spill response materials such as bags, socks or granular absorbant, and blocking sewer inlets with mats or berms. If possible, clear surrounding area of physical hazards that may pose a danger to employee's/pedestrian traffic. While assessing the situation, determine the best possible approach to the spill in order to minimize or eliminate possibility of physical injury or stress. 		
2. Select and don the appropriate PPE.	<ul style="list-style-type: none"> Inadequate protection from selected PPE. Donning of a failed PPE (presence of tears, holes, etc.). Slipping and falling while donning selected PPE. 	<p>Discuss what PPE (Brieser's PPE Matrix & SDS) to use with a "co-worker" and confirm adequacy with Supervisor.</p> <p>Before donning, thoroughly check the integrity of selected PPE.</p> <p>Don selected PPE while seated to avoid falling or slipping.</p> <p>Don PPE with the help of a "buddy."</p>		



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<p>3. If fluids/materials is released, determine the extent of release, the perimeter of spill area.</p>	<p>Exposure to released material/fluids.</p> <p>Physical injury due to presence of physical hazards at the site, or falling due to awkward positions assessment.</p>	<ul style="list-style-type: none"> • Wear appropriate PPE free from defects and loose enough to allow free and unrestrained movement • Avoid touching bare skin while inside spill area or near the unknown material. • Clear spill site of physical hazards or, if not possible to clear, work carefully around physical hazards present. • During containment cleanup, avoid stressful and awkward positions.
<p>4. If unknown material is released, apply neutralizer or absorb as appropriate.</p>	<ul style="list-style-type: none"> • Exposure to material • Slipping and falling while performing Task 4. • Injury due to physical hazards present at the cleanup site. 	<ul style="list-style-type: none"> • Wear appropriate PPE free from defects and loose enough to allow free and unrestrained movement • Avoid touching bare skin while inside spill/spill area or near the unknown material. • To avoid slipping and falling, assume comfortable and stable position during clean-up. Take breaks as necessary • Clear spill site of physical hazards or, if not possible to clear, work carefully around physical hazards present.
<p>5. Collect pig tails (socks), used absorbents or neutralizer and place in a compatible, defect-free container that includes a cover or lid that can be secured to prevent material leakage or spillage.</p>	<ul style="list-style-type: none"> • Exposure to material • Physical stress or strain due to repetitive and/or awkward motions. • Injury due to physical hazards at the cleanup site. 	<ul style="list-style-type: none"> • Follow Controls 2a-1 and 2a-2 (PPE). • If PPE is damaged, exit spill area and change into new PPE free from defects before reentering spill area. • Avoid performing repetitive motions and assuming awkward positions for long periods of time. • When performing repetitive tasks; take breaks as often as necessary. • Clear spill site of physical hazards or, if not possible to clear, work carefully around physical hazards present.
<p>6. Move packaged waste to truck or conveyor.</p>	<ul style="list-style-type: none"> • Physical injury due to improper body movement 	<ul style="list-style-type: none"> • Use proper technique in repetitive and unusual physical motions.
<p>7.</p>		

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".