



JOB SAFETY ANALYSIS

COMPANY/ PROJECT NAME or ID/ LOCATION (City, State)	DATE April 19, 2015	<input checked="" type="checkbox"/> NEW <input type="checkbox"/> REVISED	PAGE 1 of 2
WORK ACTIVITY (Description): <h1 style="margin: 0;">CONFINED SPACES</h1> <p style="margin: 0;">A confined space is a space that <u>has all</u> of the following 3 characteristics:</p> <ol style="list-style-type: none"> 1. Is large enough and so configured that an employee can bodily enter and perform assigned work; and 2. Has limited or restricted means for entry or exit (for example, tanks, vessels, silos, storage bins, hoppers, trenches, vaults, and pits);and 3. Is not designed for continuous employee occupancy. <p style="margin: 0;">Note: Prior to any Brieser employee entering a Permit-required Confined Space (PRCS), including entry under Reclassification or Alternate Entry, Brieser's PRCS Program must be reviewed by the (CP) Entry Supervisor, Brieser Construction Safety Manager</p>			
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 checked="" 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"/> 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
¹JOB STEPS	²POTENTIAL HAZARDS	³CRITICAL ACTIONS TO MITIGATE HAZARDS	
<p><u>Permit-required Confined Space Entry:</u></p> <p>Entry into a confined space that has one or more of the following 4 characteristics:</p> <ol style="list-style-type: none"> 1. Contains or has a potential to contain a hazardous atmosphere; 2. Contains a material that has the potential for engulfing an entrant (physical hazard); 3. Has an internal configuration such that an entrant could be trapped (physical hazard); or 4. Contains any other recognized serious safety or health hazard (physical hazard). 	<ul style="list-style-type: none"> • Hazardous atmosphere (i.e.: oxygen deficiency, flammable, explosive, toxic) or physical hazard (i.e.: electrical, mechanical, pressure, moving parts, engulfment, internal configuration) that cannot be eliminated by a means that does not require active intervention to maintain. 	<ul style="list-style-type: none"> • The Brieser Construction Safety Entry Supervisor must review and approve the entry documentation prepared by the subcontractor (i.e.: entry permit, plans to isolate the space, purging procedures, monitoring equipment, equipment calibration records, communications methods, training records, coordination procedures, and authorizations) and concur on their adequacy. • For all permit entries into a PCRS, Brieser Construction shall provide for emergency rescue capabilities and personnel as required by OSHA. • If there are multiple employees who will simultaneously enter the PCRS, or if subcontractor and Brieser personnel will be working in or near the PCRS, a meeting will be convened to discuss the work that will be performed in and around the PCRS. Entry operations will be coordinated such that employees of one subcontractor do not endanger Brieser employees or the employees of any other subcontractor. 	

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<p><u>Reclassification Entry:</u></p> <p>Entry into a confined space where there is no actual or potential hazardous atmosphere and all physical hazards can be eliminated from outside of the space prior to entry.</p>	<ul style="list-style-type: none"> • Physical hazard (i.e.: electrical, mechanical, pressure, moving parts, engulfment, internal configuration) that can be eliminated by a means that does not require active intervention to maintain. 	<ul style="list-style-type: none"> • Follow all provisions of Brieser's Confined Space Program. • Analyze and eliminate all physical hazards and confirm as acceptable. • Reclassify the space as non-permit confined space • Proceed with work per the general safe work practices for the space, if any (review the confined space inventory). • Brieser Construction Safety Entry Supervisor continually evaluates conditions to assure that the terms of the entry remain valid.
<p><u>Alternate Entry:</u></p> <p>Entry into a confined space where the only hazard is actual or potential hazardous atmosphere and continuous forced air ventilation is sufficient to safely maintain the space for entry.</p>	<ul style="list-style-type: none"> • Actual or potential hazardous atmosphere (i.e.: oxygen deficiency, flammable, explosive, toxic) that can be eliminated through continuous forced ventilation. 	<ul style="list-style-type: none"> • Follow all provisions of the under Brieser's Confined Space Program. • Analyze and eliminate through continuous forced ventilation all atmospheric hazards and confirmed through air monitoring as acceptable. • Reclassify the space as alternate entry permit-required confined space. • Proceed with work per the general safe work practices for the space, if any (review the confined space inventory). • Brieser Construction Safety Entry Supervisor continually evaluates conditions to assure that the terms of the entry remain valid. This includes periodic air quality testing to support the determination that continuous forced air ventilation protects workers in the space.
<p><u>Entry into Non-permit Confined Spaces:</u></p> <p>Entry into a confined space that does not contain or, with respect to atmospheric hazards, has the potential to contain any hazard capable of causing death or serious physical harm.</p>	<ul style="list-style-type: none"> • NIL 	<ul style="list-style-type: none"> • Verify that confined space is a non-permit confined space with Brieser Competent Person. • Determine if the work may introduce a hazard into that space. If the work may introduce a hazard, then the space may need to be reclassified as PRCS. Contact the Brieser (Safety Manager) to discuss further. If the work will not introduce a hazard, proceed per the general safe work practices for the space, if any (review inventory).

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".