

# Confined Space Safety Assessment



SECTION 1: Information						
Confined Space ID:	Hot Water Chemical Tank		Developed By:	Tighe & Bond		
Asset ID:	CSSA-04		Origin Date:	July 2019		
Building:	Central Utility Plant		Revision #	0		
Entry Location:	Portal at top of vessel (twist off top)		Revision Date:	-		
Entry Purpose:	Repair and Maintenance					
SECTION 2: Confined Space Determination						
If needing to enter an enclosed space, indicate which of the following apply:					Yes	No
1. Is the space large enough and so configured that you can bodily enter and perform work?					X	
2. Does the space have limited or restricted means for entry or exit? (Would it be difficult to exit the space through a standard door, ramp, or OSHA-compliant stairs?)					X	
3. Is the space intended for continuous employee occupancy? (Is the space equipped with HVAC, desk, phone, lighting, or other typical comforts of continuous occupancy)						X
<p style="text-align: center;"><i>If you have checked <u>ANY</u> of the highlighted boxes, you <u>DO NOT</u> have a confined space. Otherwise, you have a Confined Space.</i></p>						
Does this space meet the definition of a Confined Space?					Yes	
SECTION 3: Assessment of Atmospheric Hazards						
Atmospheric Hazard	Actual or Potential Hazard?		Can it be Eliminated?		Means to Eliminate Atmospheric Hazard	
	Y	N	Y	N		
Oxygen Deficiency	X		X		Introduce forced air ventilation, if necessary following air monitoring. Follow recommendations found in the chemical SDS.	
Flammable Gas or Vapor		X				
H <sub>2</sub> S (Hydrogen Sulfide)		X				
CO (Carbon Monoxide)		X				
Other Toxic Gas (Specify below):						
Hot water chemical mix	X		X			
SECTION 4: Assessment of Serious Safety Hazards						
<i>Hazards which are immediately dangerous to life or health or would impair your ability to perform a self-rescue</i>						
Serious Safety Hazards	Actual or Potential Hazard?		Serious Safety Hazards	Actual or Potential Hazard?		
	Y	N		Y	N	
Engulfment Hazard	X		Other Serious Safety Hazard		X	
Trapping Hazard		X	Moving Parts or Agitator		X	
Converging walls		X	Steam or Extreme heat/cold		X	
Tapered floor		X	Shock or Electrocution		X	
Sloping floor		X	Other (Specify):			
Means to Eliminate Engulfment and Other Serious Safety Hazards			Drain vessel. Follow Hazardous Energy Isolation (Lockout/Tag-out) Procedures for equipment listed above.			
Means to Eliminate Trapping Hazards						
<p style="text-align: center;"><i>If you have <u>ONLY</u> checked shaded boxes in Section 3 and Section 4, you do not have a permit required confined space. Stop completing this form, and you may enter without a permit. Otherwise, continue completing this form.</i></p>						
Does this space meet the criteria for a non-Permit Confined Space?					No	

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## SECTION 5: Assessment of Other Safety Hazards

Other Safety Hazards	Actual or Potential Hazard?		Can it be Eliminated?		Means to Eliminate Safety Hazard
	Y	N	Y	N	
Eye / Skin Hazard	X		X		Protect bare skin and eyes with personal protective equipment.
Mechanical Hazard		X			
Heat/Cold Stress	X		X		Introduce forced air ventilation, if necessary.
Hot/Cold Surfaces		X			
Space Configuration		X			
Egress / Access	X		X		Personnel are required to enter through the access panel. Narrow configuration impedes quick escape. Use caution.
Slippery Surfaces		X			
Elevated Work (Falls)		X			
Other (Specify below):		X			

## SECTION 6: Entry Classification

Reclassification Assessment	Yes	No
1. Is there an actual or potential atmospheric hazard (Section 3) – Even if controlled?	X	
2. Can all Serious Safety Hazards (Section 4) be eliminated without entry?	X	
3. Can all Other Safety Hazards (Section 5) be eliminated without entry?	X	
<i>If you have checked <u>ONLY</u> shaded boxes, you can reclassify the space as a non-permit required confined space. Stop completing this form, and you may enter without a permit.</i>		
<b>Can this space be reclassified to a non-Permit Confined Space?</b>	<b>No</b>	
<b>Permit Require Confined Space?</b>	<b>Yes</b>	
<i>Should any planned or unplanned activities or hazards occur which are not listed above, such as welding, cutting, chemical usage, etc. would require a reassessment of the of the space prior to entry.</i>		

## SECTION 7: Photo(s)