CONFINED SPACE ASSESSMENT

Space Name / ID:	
Location:	
Date:	

List all potential reasons and associated job tasks that my require entry into this space		List all known hazards associated with this task	List all equipment, tools, and chemicals that will be needed to complete this task
Task 1			
Task 2			
Task 3			
Task 4			
Task 5			
Task 6			
Task 7			
Task 8			
Task 9			
Task 10			

Section I

CONFINED SPACE DETERMINATION		YES	NO
1.	Is the space large enough so the employee can bodily enter and perform work?		
2.	Does the space have limited or restricted means of entry or exit?		
3.	Is the space designed for continuous human occupancy?		

If the answers to Questions 1. and 2. are YES and Item Question 3 is NO, then the space is a "Confined Space". If all the criteria above have not been met then the space is not a confined space. To determine if the space is a "Permit-Required" Space Continue with the Questions in section II.

CAN THE SPACE BE MODIFIED (i.e. DIFFERENTLY ENGINEERED, A PROCEDURE CHANGED, A TOOL USED, etc.) SO ENTRY INTO THE SPACE BY EMPLOYEES OR CONTRATORS IS NOT REQUIRED?

_____YES _____NO

[IF YES, IMPLEMENT THE MODIFICATION PROCEDURES, SIGN THE SPACE **"DO NOT ENTER",** AND TRAIN EMPLOYEES **NEVER** TO ENTER THE SPACE]

Section II

Question		YES	NO
1.	Does the space contain or have the potential to contain a hazardous atmosphere?		
2.	Does the space contain any chemicals or chemical residues?		
3.	Does the space contain any flammable or combustible substances?		
4.	Does the space contain or potentially contain any decomposing organic matter?		
5.	Does the space have any pipes that bring chemicals into it?		
6.	Does the space have any materials that can trap or potentially trap, engulf, or drown the entrant?		
7.	Is vision obscured by dust at 5 feet or less?		
8.	Does the space contain any mechanical equipment? (i.e. mixers, augers, etc.)		
9.	Does the space have converging walls, sloped floors or tapered floors to smaller cross-sections that could trap or asphyxiate an entrant? (Entrapment Hazard)		
10.	Does the tank, vessel, or manhole contain any rusted interior surfaces?		
11.	Does the space contain thermal hazards? (i.e. extreme hot or cold)		
12.	Does the space contain excessive noise levels that could interfere with communication with an attendant?		
13.	Does the space contain any slip, trip, or fall hazards?		
14.	Are their any operations conducted near the space opening, which could present a hazard to the entrants?		
15.	Are there any hazards from falling objects?		
16.	Are their lines under pressure servicing the space?		
17.	Are cleaning solvents or paints going to be used in the space?		
18.	Is welding, cutting, brazing, riveting, scraping, or sanding going to be performed in the space?		
19.	Is electrical equipment located in or required to be used in the space?		
20.	Does the space have poor natural ventilation which would allow a hazardous atmosphere to develop?		
21.	Are their any corrosive materials that could irritate the eyes in the space?		
22.	Are their any conditions that could prevent any entrants self rescue from the space?		
23.	Are their any substances used in the space, which have “acute” health hazards?		
24.	Is mechanical ventilation needed to maintain a safe environment?		
25.	Is air monitoring needed to ensure is safe for entry due to a potentially hazardous atmosphere?		
26.	Will entry be made into a diked area, where the dike is 5 feet or more in height?		
27.	Are residues going to be scraped off the interior surfaces of the vessel?		
28.	Are non-sparking tools required to remove the residues?		
29.	Does the space restrict mobility to the extent that it could trap the entrant?		
30.	Is respiratory protection required because of a hazardous atmosphere?		
31.	Does the space present a hazard -other than the hazards noted in this section, which would make it a permit-space?		

If any of the questions in Section II have been checked YES, the space is classified as a "Permit-Required" Confined Space. As such, entry into these spaces must be performed under the protection of a full permit-required confined space program following specific entry procedures and employee training.

CLASSIFICATION AND AUTHORIZED ENTRANT SUMMARY

CLASSIFICATION	AUTHORIZED COMPANY ENTRANTS	CONTRACTOR (List Contractors Authorized to Enter this Space)	JOINT ENTRY HOST EMPLOYER & CONTRACTOR (X)	WILL NOT ENTER

HAZARD SUMMARY

	HAZARDS (x) All that Apply	List the Specific Hazards of this CONFINED SPACE	LIST ACCCEPTABLE ENTRY CONDITIONS AND CONTROLS	Comments
	Oxygen Deficiency			
	Flammable Liquids			
	Toxic Substances			
	Mechanical Hazards			
	Engulfment Hazards			
	Fall Hazards (1 Foot Maximum fall in a confined space)			
	Falling Tools & Equipment			
	Welding / Cutting / Brazing			
	Electrical			
	OTHER (specify)			

ATMOSPHERIC TESTING RECORD

Item	Acceptable Level	Reading	Date
Oxygen	19.5% - 23.5%		
LEL (Gases / Vapors)	<10% LEL		
Carbon Monoxide	50 PPM		
Hydrogen Sulfide	10 PPM		
Explosive Dust	< LEL (5ft Visibility)		
Ammonia	50 PPM		
Other _____			
Other _____			
Other _____			

TYPE OF EQUIPMENT USED:	**CALIBRATION DATE:**	**COMMENTS:**

(x)	REQUIRED EQUIPMENT	COMPANY EQUIPMENT SPECIFICATIONS AND REQUIREMENTS	Comments
	Oxygen / Combustible Gas Meter / Toxic Gas Meter (Tigon Tubing)		
	Explosion Proof Fan – for Forced Air Ventilation		
	Ventilation Hose		
	Retrieval System (Full body Harness, Tripod, Winch)		
	Isolation Equipment (Locks/Tags/ Blocking, Blanking, etc)		
	Respiratory Protection		
	Radios for Communication		
	Fire Extinguisher		
	Lighting		
	Personal Protective Equipment (Gloves, Safety Glasses, Boots, etc.)		
	OTHER (Specify)		

SPECIIFIC ENTRY PROCEDURES	
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RESCUE OPERATIONS

RESCUE OPTIONS	REQUIRED RESCUE MEASURES FOR THIS CONFINED SPACE (X)	REQUIREMENTS	RESCUE SERVICE EMERGENCY PHONE #
SELF-RESCUE		The Worker is instructed on reasons and conditions requiring his/her exit of the confined space. The entrant is able to remove his/her self from the space. No rescuer entry into the space is required.	--
NON-ENTRY RESCUE		Rescue can be accomplished from outside of the space. [More than (5) feet of vertical lift will require a Tripod & Winch]	
ON-SITE RESCUE TEAM		Must Meet OSHA Regulations 29 CFR1910.146 (k) -Annual Training -First-Aid CPR Training	
LOCAL FIRE DEPARTMENT RESCUE		Fire department must come on-site a minimum of (1) time per year to be informed & trained on the hazards of the space. *Response time must be within the range listed below.	
OUTSIDE CONTRACTOR RESCUE SERVICE		Must meet requirements of OSHA 29 CFR 1910.146 (k). *Response time must be within the range listed below.	

***Non-IDLH Rescue - No more than a 15-minute response time is allowed.**
***IDLH Rescue – No more than 5-6 Minutes Response time is allowed.**