

CONFINED SPACE HAZARD ASSESSMENT

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Date o	ned Space ID: _ of Last Assessm A Hazard Assess		m Mus	t Ba Co	 mnleted	for A	Date		Confined Space	ac.			
Confined Space - must meet all the below criteria				permit Required Confined Space must be a confined space and meet any one of the below criteria									
Is large enough or so configured that an employee can bodily					Contains or has a potential to contain a hazardous atmosphere OR								
	enter and perform work AND Has limited or restricted means for entry or exit AND					Contains a material that has the potential for engulfing an entrant OR							
Is not designed for continuous employee occupancy.				Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly covering walls or by a floor which slopes downward and tapers to a smaller cross-section OR Contains any other recognized serious safety or health hazard									
Accent	able Entry Conditio	ne			Co	ntains ai	ny otner r	ecognizea	serious salety or nealth ha	azard			
	nfined Space Entry permit p						Lockou	t electrical	components in space				
	ygen 19.5 – 23.5%						Lockout mechanical components in space						
	wer Explosive Level I0%						Lockout all pipes to and from space						
Тох	xic fumes/vapors less than	PEL					Forced Mechanical Ventilation Established & Maintained No hazardous chemicals or material						
No	engulfing material in space												
Co	ntinuous Air Monitoring						Rescue	Rescue Team Available (7)					
Spa	ace Drained – Flushed						Pre-ent	Pre-entry brief completed					
Ма	x Internal temperature	°F					Minimu	Temperature	° F				
Tra	aining verified for supervisor	, entrants and	l attendants	3			Training verified current for all Rescue Team Members						
Author	rized Entry Points												
Т	Top							Bottom					
Hazards		;	Source/Type			Quantity Quality (1			Severity (Rate 1 to 5)	Hazard Abatement Method			
Explosive	Atmosphere							_LEL(2)					
Combustil	ble Material												
Electrical	Circuits												
Toxic Gas	ses							_ PEL					
Toxic Mat													
Thermal F								°F					
Machinery	,												
Slip / Fall													
Engulfment Hazards Entrapment Hazards							_						
•		ment Per	nuirod										
Check	Personal Protective Equipment Required Check Type Check Type			Туре				Check	Туре				
3301	Gloves		3301	Hearing P	Protection			2501	Hard Hat				
				Safety Gla					Goggles				



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	Air Supplied Respirator SCBA Line Fed	-	Air Purifying Respirator (3)			Acid	Org	DMF	N	R	Р		
Vent	tilation Requirements												
	Space Volume in cubic	feet											
	Natural circulation - no at grinding or other operations that we based on tasks to be performed in	vould produce a	airborn	e fumes, m							rements		
	Mechanical ventilation	equired for ven	nting ha	azardous at	mospheric contaminar	nts							
	Supply		Exhaust				Local (4)						
Vo	olumeCU/FT per Min	Volume	olume		_CU/FT per Min	Volume	VolumeCU/FT per I			per Min			
Point (5)		Point					Point						
Vent	tilation Formulas & Requireme	ents				T							
20 Air Changes Per Hour (ACH) required for duration of entry 20 ACH = Space volume X 20			AB	Adequa Capac C = <u>Space</u> 60 I	Initial Purge Time 7.5 x Space volume Effective Blower Capacity								
Requ	uired Rescue & Safety Equipm	ent (check	if rec	quired)									
	Life Line				Man Winch								
	Body Harness				Fall Arrest Unit								
	Floor level opening barrier				Emergency Retrieval Line								
	Tripod				Blower								
Class I, Division I, Group D Electrical Equipment (6)				Vent Saddle									
Powered Communication				Vent Trunks									
Portable Lighting					Ladder								
	Atmospheric Monitor Make & Model				Emergency Escape Respirators								
Comr	munication Procedures - between	een attenda											
	_ Wireless Radio Line Ra	dios		Verbal f	rom Access								
Resc	cue Procedures												
N. 4		ry Rescue		_ Rescu	ie Team Entry								
Note	es												
Foot Notes													
(1) Quantity & Quality - List volume or amount of material. For gases/dust/fumes, list the concentrations.													
For electrical hazards, list voltage (2) LEL - Lower Explosion Level - lowest % of concentration in which an explosion could occur													

- (3) Air Purifying Respirator select type of filter or cartridge required Acid Gas, Organic Vapor, (N) Not Oil Resistant, (R) Oil Resistant, (P) Oil Proof, (DMF) Dust- Mist-Fume
- (4) Local Ventilation provide for worker comfort or for drawing away fumes or airborne particles caused by expected work in the space (5) Point list location for entry of supply, local or exhaust ventilation

- (6) Class I, Division I, Group D refers to hazardous locations that require explosion proof electrical equipment (7) Rescue team required to be at access point for entries into spaces with IDLH (immediately dangerous to life and health) atmospheric condition. For all other entries, rescue team must be readily available