



CONFINED SPACE ENTRY PROCEDURES & RESCUE PLAN

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Screw Pumps (3) lower sump

Work to be performed or location of confined space

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	Atmospheric Conditions	Details	P			Control Measures	P		
1	Carbon Monoxide (CO)	CO generated from internal combustion engine	2	2	B	Min. 1500 cfm fan in push mode continuous, CO (Carbon monoxide) gas detector - continuous monitoring, Place air intake away from source of CO	1	2	A
2	Hydrogen Sulphide (H ₂ S)	H ₂ S from decomposing organic material	2	2	B	Min. 1500 cfm fan in push mode continuous, H ₂ S (Hydrogen sulfide) gas detector - continuous monitoring	1	2	A
9	Oxygen (O ₂) Deficiency / Enrichment	Displacement of O ₂ from other sources	2	2	B	Min. 1500 cfm fan in push mode continuous, O ₂ (Oxygen) gas detector - continuous monitoring	1	2	A
14	Combustible Gases	Fuel spill or other hydrocarbons present	2	2	B	Min. 1500 cfm fan in push mode continuous, LEL (combustible) gas detector - continuous monitoring	1	2	A
			Initial				Final		
	Hazards / Exposure	Details	P			Control Measures	P		
18	Bio-hazardous Material Contact	Exposure to sewage	2	2	B	Hose space out prior to initial entry to remove any potential residual sewage. Good Hygiene. Coveralls and appropriate PPE are to be worn while in space	1	2	A
19	Sharps / Puncture Wounds	Potential sharps from sewer	2	2	B	Sharps container & tongs. Follow SWP for sharps disposal	1	2	A
29	Work Design / Ergonomic Hazards	Small space limited room to perform work	2	2	B	Clean floor of slippery material, Good housekeeping, Keep work area clear of obstructions, Kneel to do the work whenever possible, Mechanical lifting device, Take frequent breaks during the work, Work in partners or groups	1	2	A
31	Hydraulic Hazards	Lockout required follow attached lock out procedure	2	2	B	Lockout procedures attached	1	2	A
32	Mechanical / Moving Part Hazards	Lockout required follow attached lock out procedure	2	2	B	Lockout procedures attached	1	2	A
37	Falling Hazard	Ladder required for entry	2	2	B	ensure staff do not have a fear of heights, Caution when climbing ladder(s) - maintain 3-point contact. Person entering the space	1	2	A

						must be hooked up to fall protection prior to going onto the ladder			
38	Slipping / Tripping Hazard	Wet floor	2	2	B	dry wet floor, Good housekeeping. Wear CSA rubber boots while in the space	1	2	A
50	Overhead / Falling Object Hazards	Falling objects from surrounding area	2	2	B	install kickboards around overhead surfaces, Keep work area clear of obstructions, Good housekeeping. Hardhat must be worn by workers entering space	1	2	A

Area Preparation:

1. Ensure all safety equipment has been inspected.
2. Good housekeeping

Confined Space Entry Procedures - Supplementary Instructions:

1. Follow Moderate Hazard CSE Procedure
2. Ensure Alternate Measure of Control is followed
3. Notify Fire Department prior to entry

Confined Space Entry Rescue Plan:

1. Follow CSE Rescue Procedure