Confined Space Pre-Entry Inspection Checklist

Date:		**Entry Supervisor:**	
Space ID/Name:		**Location:**	
Purpose of Entry:		**Permit #:**	
Rescue Service:		**Contact Phone:**	

Part 1: Atmospheric Testing (test in order listed)

#	Inspection Item	OK	Fail
1	Oxygen (O_2) — Acceptable range: 19.5%–23.5%; record reading: _____ %		
2	Combustible Gases (LEL) — Below 10% of Lower Explosive Limit; record reading: _____ % LEL		
3	Hydrogen Sulfide (H_2S) — Below 10 ppm (TWA PEL); record reading: _____ ppm		
4	Carbon Monoxide (CO) — Below 50 ppm (TWA PEL); record reading: _____ ppm		
5	Other Toxic Substances — Below applicable PEL; substance: _____ reading: _____		
6	Gas Monitor Calibration — Bump tested today; calibration current per manufacturer schedule; sensors not expired		

Part 2: Hazard Controls and Isolation

#	Inspection Item	OK	Fail
1	Energy Isolation (LOTO) — All energy sources locked out/tagged out per 1910.147; electrical, mechanical, hydraulic, pneumatic, chemical, thermal		
2	Line Breaking/Blanking — Pipes and lines disconnected, blanked, blinded, or double-blocked and bled; no gravity feed pathways open		
3	Ventilation — Mechanical ventilation in place and operating; clean air source; continuous during entry; ductwork reaches all areas		
4	Inerting/Purging — If previously inerted, atmosphere restored to breathable levels; purge procedures completed and documented		
5	Physical Hazards — Engulfment hazards controlled; moving parts secured; fall hazards addressed; hot surfaces guarded or cooled		
6	Barriers and Signage — Space posted with "DANGER — Permit-Required Confined Space"; unauthorized entry prevented		

Part 3: Equipment Inspection

#	Inspection Item	OK	Fail
1	Gas Monitors — Calibrated and bump-tested; alarms set correctly; battery charged; functioning in fresh air		

2	Ventilation Equipment — Blower/fan operational; ductwork intact; adequate CFM for space volume; power supply reliable		
3	Retrieval System — Tripod/davit arm stable and rated; winch functions properly; retrieval line in good condition; harness inspected		
4	Communication Equipment — Radios or hardwired communication tested between entrant, attendant, and entry supervisor		
5	Respiratory Protection — SCBA or supplied-air respirator inspected, tested, and fit-checked if required; air supply adequate		
6	Lighting — Explosion-proof or intrinsically safe for the atmosphere; adequate illumination for the work		
7	PPE — Hard hat, safety glasses, gloves, protective clothing appropriate for identified hazards		

Part 4: Personnel and Rescue Readiness

#	Inspection Item	OK	Fail
1	Entry Supervisor — On site, authorized to issue permits, knows hazards, can cancel permit if conditions change		
2	Authorized Entrants — All trained per 1910.146(g); know hazards, exposure symptoms, equipment use, and alerting procedures		
3	Attendant — Stationed outside space; knows hazards; maintains entrant count; will not enter for rescue; can order evacuation		
4	Rescue Service — Identified and available; on-site team has practiced within 12 months; off-site response time evaluated as timely		
5	Training Currency — All personnel training current; no changes in duties or hazards since last training		

Deficiencies Found

#	Description	Corrective Action	Assigned To	Date Fixed
1				
2				
3				
4				
5				

WARNING: NEVER enter a confined space to attempt rescue without proper training, equipment, and atmospheric monitoring. Approximately 60% of confined space fatalities are would-be rescuers. If conditions change during entry, evacuate immediately and reassess.

Entry Authorized: □ Yes □ No — Reason: _____

Entry Supervisor: _____ **Date:** _____

Safety Manager: _____ Date: _____

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