

Municipal Sewer Confined Space Entry Checklist

Site / Project	_____	Address	_____
Inspector name	_____	Company	_____
Date	_____	Time	_____

Documentation aid only. Adapt this resource to the site, manufacturer instructions, and applicable local requirements. It does not replace a competent person, professional judgment, legal advice, or a required statutory form.

Inspection checklist

Pre-Entry Permit and Documentation

☐ Is the confined space entry permit completed, signed, and dated by an authorized entry supervisor?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is a comprehensive hazard assessment documented, addressing potential atmospheric, physical, and engulfment hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Has the entry team (entrant, attendant, supervisor) been thoroughly briefed on the permit, hazards, and emergency procedures?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is an entry log available to track entry and exit times for all personnel?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is a non-entry rescue plan documented and readily available?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is there a log documenting the inspection of all entry equipment (gas monitors, retrieval systems, PPE) prior to use?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is the communication system between the entrant and attendant tested and confirmed to be working effectively?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Are isolation procedures (lockout/tagout) verified to be in place for all potential energy sources and flow hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Atmospheric Testing and Monitoring

☐	Is the oxygen level within the acceptable range (19.5% - 23.5%)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is the H2S level below the permissible exposure limit (PEL) as defined by OSHA?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are combustible gases below 10% of the Lower Explosive Limit (LEL)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is the gas monitor calibrated within the manufacturer's recommended timeframe, and is calibration documented?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is atmospheric testing documented before entry and at regular intervals during entry?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are the gas monitor's audible and visual alarms functioning correctly?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Was a bump test performed on the gas monitor prior to entry to verify sensor response?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	If ventilation is required, is it in operation and positioned to effectively remove contaminants?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Retrieval Systems and Fall Protection

☐	Is the tripod or retrieval system properly set up, stable, and anchored (if necessary)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is the retrieval line in good condition, free from cuts, abrasions, or other damage?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is the entrant wearing a properly fitted full-body harness with a retrieval attachment point?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is a mechanical advantage system (e.g., winch) available for non-entry rescue?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is fall protection adequate for the specific entry point and potential fall hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is the retrieval system rated for the weight of the entrant plus any equipment?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	If a self-retracting lifeline (SRL) is used, is it inspected and functioning correctly?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is edge protection in place to prevent the retrieval line from being damaged?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐	Are rescue personnel trained in the proper use of the retrieval system?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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Personal Protective Equipment (PPE)

☐	Is appropriate respiratory protection (e.g., SCBA, supplied air respirator) available and properly fitted if atmospheric hazards cannot be controlled?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is appropriate eye protection (e.g., safety glasses, goggles) provided and worn?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Are chemical-resistant gloves worn to protect against potential contact with sewage or other contaminants?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is appropriate protective clothing (e.g., coveralls, Tyvek suits) worn to prevent skin contamination?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is head protection (hard hat) worn and in good condition?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is appropriate foot protection (e.g., steel-toed boots) worn?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is hearing protection available if noise levels exceed permissible limits?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Has all PPE been inspected for damage or defects prior to use?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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Site Control and Emergency Preparedness

☐	Are barricades or warning signs in place to prevent unauthorized access to the confined space?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is emergency contact information readily available at the site?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is a fully stocked first-aid kit available at the site?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is a reliable method of communication established between the entrant, attendant, and emergency services?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Has the local rescue team been notified of the entry and potential hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is adequate lighting provided at the entry point and within the confined space?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐ Is the ventilation equipment positioned so that it does not create a trip hazard or obstruct the entry point? ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Is traffic control in place to protect the entry team from vehicular traffic? ☐ Pass ☐ Fail ☐ N/A Notes: _____

Findings

#	Item	Location	Severity	Action required
1				
2				
3				
4				
5				
6				
7				
8				

Signature

Inspector signature _____

Name _____

Date _____