

Shipyard Confined Space & Hot Work Inspection 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

Marine Chemist Certification & Documentation

☐ Is a valid Marine Chemist Certificate conspicuously posted at the entrance to the confined space, specifying acceptable entry conditions?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Does the Marine Chemist Certificate clearly state the specific spaces certified and any limitations or endorsements?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Verify that the marine chemist's testing equipment (e.g., gas detectors) has current calibration certificates.	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Are records of atmospheric testing (oxygen, LEL, toxic gases) available and consistent with the Marine Chemist Certificate?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Confirm that the Marine Chemist Certificate has not expired and is valid for the current work shift.	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Has the Marine Chemist communicated all potential hazards and certificate requirements to the shipyard competent person and affected employees?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is a hot work permit issued and signed by the shipyard competent person, referencing the Marine Chemist Certificate?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is the hot work permit displayed prominently at the hot work location?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐	Are any amendments or changes to the Marine Chemist Certificate properly documented and communicated?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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Confined Space Entry Procedures

☐	Is a written confined space entry program in place, including a permit system?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Are entrants and attendants properly trained and aware of their roles and responsibilities?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is continuous atmospheric monitoring being conducted during confined space entry?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is adequate ventilation provided to maintain a safe atmosphere within the confined space?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is a rescue plan in place and readily available, including necessary equipment and trained personnel?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is a reliable communication system established between the entrant and the attendant?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Are all potential hazards (e.g., pipelines, electrical sources) properly isolated and locked out/tagged out?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is appropriate emergency equipment (e.g., self-contained breathing apparatus, retrieval equipment) readily available?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is adequate lighting provided within the confined space to ensure safe working conditions?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Are all entrants aware of the hazards within the confined space and the necessary precautions?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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Hot Work Safety

☐	Is a certified fire watch present with appropriate fire extinguishing equipment?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Verify that fire extinguishers are readily accessible, fully charged, and recently inspected.	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Have all combustible materials been removed or protected from ignition sources within 35 feet of the hot work area?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Inspect welding leads for damage, proper insulation, and secure connections.	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Are welding machines properly grounded to prevent electrical shock hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is adequate ventilation provided to remove welding fumes and prevent the accumulation of flammable gases?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is slag and sparks contained to prevent fire hazards and injuries to personnel?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are welders and fire watches wearing appropriate personal protective equipment (PPE), including eye protection, gloves, and flame-resistant clothing?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is the hot work area kept clean and free of debris to prevent fire hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Will the fire watch remain in the area for at least 30 minutes after completion of hot work to monitor for smoldering fires?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Personal Protective Equipment (PPE)

☐	Are appropriate respirators (e.g., supplied air respirators) provided and used when atmospheric hazards are present?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are appropriate eye protection (e.g., safety glasses, welding helmets) worn by all personnel in the area?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is hearing protection provided and used in areas with high noise levels?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is appropriate protective clothing (e.g., flame-resistant clothing, gloves) worn to protect against burns and other hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are safety shoes or boots worn to protect against foot injuries?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Inspect harnesses and lanyards for damage before each use, if fall protection is required.	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Ensure all PPE fits properly and is in good working condition.	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Have all employees been trained on the proper use, maintenance, and limitations of PPE?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are face shields used when grinding or performing other tasks that generate flying debris?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Housekeeping & General Safety

☐	Are walking and working surfaces free of slip, trip, and fall hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Is adequate lighting provided in all work areas?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are access and egress routes clear and unobstructed?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are electrical cords and equipment in good condition and properly grounded?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are compressed gas cylinders properly secured and stored?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are fire extinguishers, fire hoses, and other fire protection equipment readily accessible and in good working order?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is a first-aid kit readily available and adequately stocked?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are spill control materials available and readily accessible in areas where hazardous materials are used or stored?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are waste materials properly disposed of to prevent fire hazards and environmental contamination?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are appropriate safety signs and postings displayed in relevant areas?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Findings

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

Signature

Inspector signature _____

Name _____

Date _____