

Diesel and Fuel Oil Tanks -- Permit Required Confined Space Entry Permit

1. Diesel & Fuel Oil Tanks ENTRY PROCEDURE AND PERMIT **All Shaded areas must be completed by Entry Supervisor or Entrant**		7. Communication method used by attendants and entrants (Check all that apply)	
2. Work to be Performed:		<input type="checkbox"/>	Radio
		<input type="checkbox"/>	Voice
3. Date Issued: / / Time Issued: : <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.		<input type="checkbox"/>	Other:
		8. Confined Space Rescue	
4. Permit Space Hazards (X = Potential Hazard or Testing Rqmt.)		9. Authorized Entrants (List by name or attach roster)	
<input checked="" type="checkbox"/>	Oxygen - hazardous when less than or equal to 19.5% OR greater than or equal to 23.5 %.		
<input checked="" type="checkbox"/>	Flammable Gases or Vapors - hazardous when greater than 10% of LFL / LEL.		
<input type="checkbox"/>	Hydrogen Sulfide - hazardous when greater than 10 PPM		
<input type="checkbox"/>	Carbon Monoxide - hazardous when greater than 50 PPM (always look for when welding or near a fuel combustion source (cars, utility carts ,etc)		
<input type="checkbox"/>	Other Toxics: _____		
<input type="checkbox"/>	Mechanical Hazards (Pneumatic, Hydraulic, Electrical, Chemical, Steam, Falling Objects, Etc.)		
<input type="checkbox"/>	Engulfment Potential		
<input type="checkbox"/>	Physical Hazards - (bees, insects, spiders, heat during summer). Confined Space Configuration, Layout or Arrangement		
5. Additional Permits or Forms (Please attach if required) Hot Work Permit: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A LOTO / Hazardous Energy Control Procedure: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Other:		10. Authorized Attendants (List by name)	
6. Equipment Required for Entry & Work (Check box when complete)		11. Preparation for Entry (Check boxes when complete)	
<input type="checkbox"/>	PPE	Eye Protection and Body Harness, tyvek suit and gloves if residual petroleum materials remain in tank and contact with them is a possibility.	
<input type="checkbox"/>	Atmospheric Testing	4 Gas Meter required for testing, test atmosphere in the tank by checking the atmosphere at all levels from the bottom to the top of the space.	
<input type="checkbox"/>	Respiratory Protection	<input type="checkbox"/>	Not required for this space under normal atmospheric conditions. Ventilation required before entry.
<input type="checkbox"/>	Ventilation Equipment	<input type="checkbox"/>	Full ventilation is required before and during entry. All hatchways should be opened to allow for cross ventilation.
<input type="checkbox"/>	Rescue Equipment	<input type="checkbox"/>	Set up retrieval device to pull out entrant in the event of emergency. Entrant must wear harness and be connected to the retrieval device.
		<input type="checkbox"/>	Notify affected department of service interruption and complete the Confined Space Entry Permit and any other required permits and forms. All diesel and fuel oil residual must be drained from the tank before entry.
		<input type="checkbox"/>	Inspect all required equipment, tools and PPE prior to entry. Barricade the area to prevent unauthorized entry or access. Setup necessary equipment for entry operations
		<input type="checkbox"/>	Ensure that all Hazardous Energy is isolated per the specific Hazardous Energy Control Procedure.
		<input type="checkbox"/>	Sign in Authorized Entrants in Step 9 and Sign in Attendants in Step 10.
		<input type="checkbox"/>	Take a preliminary atmospheric reading with approved 4 gas meter and record reading on Step 12. Atmosphere should be continuously tested during entry. Periodically record sample readings in Step 12. Air ventilation is required before and during entry into the tank. All hatchways should be opened to allow for cross ventilation.
		<input type="checkbox"/>	Upon eliminating or controlling all hazards and the Entry Supervisor signing Step 13, proceed to make entry.

	Time:	Time:	Time:	Time:	Time:	Time:
12. Atmosphere Testing Record Acceptable Conditions	Entry #1 Results	Entry #2 Results	Entry #3 Results	Entry #4 Results	Entry #5 Results	Entry #6 Results
CH4 - Less than 10% of LEL / LFL						
OXY - Oxygen Range - Minimum allowable = 19.6% to Maximum allowable = 23.4%						
H2S - Hydrogen Sulfide - < than 10 PPM						
CO - Carbon Monoxide - < than 35 PPM						
Other Toxic:						
Tester Initials						

13. Authorization by Entry Supervisors
I certify that all required precautions have been taken and necessary equipment is provided for safe entry and work in this fuel tank confined space.

Printed Name	Signature	Date	Time	<input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
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14. Permit Cancellation (Complete at the end of job not to exceed 24 hours)

	Date	Time	<input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
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This permit must be posted at the job site -- One Copy to Dept File and One Copy to EH&S Office (Fax 7-5302 or EHS Building)