

RENSSELAER CONFINED SPACE ENTRY PERMIT

Entry type: _____ Boiler _____ Tunnel **DATE:** _____
 _____ Manhole _____ Other: _____

Location of Entry: _____

Purpose of Entry: _____

Department: _____ Pipe Shop _____ Boiler House _____ Other: _____
 _____ Electrical Shop _____ HVAC Shop

Entry Supervisor: _____

Authorized Entrants: _____

Authorized Attendant: _____

Atmospheric Tests: Test Instrument: _____ Calibration Date: _____

Fresh air zero and calibration check performed and log filled out? YES NO

Continuous air monitoring? YES NO

Need forced air ventilation? YES NO (if yes, list air monitoring results before and after its use)

TIME OF TEST	_____	_____	_____	_____	_____
Oxygen (O2) (Acceptable = 19.5% - 23.5%)	_____	_____	_____	_____	_____
Combustible Gas (Acceptable = under 10% LFL)	_____	_____	_____	_____	_____
Carbon Monoxide (CO) (Maximum allowed = 35 ppm)	_____	_____	_____	_____	_____
Hydrogen Sulfide (H2S) (Maximum allowed = 10 ppm)	_____	_____	_____	_____	_____

Physical Hazards:

<u>Type</u>	<u>Present</u>		<u>Preventative Measures</u>
Mechanical	Yes	No	_____
Electrical	Yes	No	_____
Steam	Yes	No	_____
Natural Gas	Yes	No	_____
Engulfment	Yes	No	_____

Entry supervisor: Verify all above information, fill out checklist on back, and sign here before entry:

Permit Cancellation: Sign: _____ Date: _____

Permit must be posted for the duration of the permit space entry
IN CASE OF EMERGENCY CALL PUBLIC SAFETY AT 276-6611

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Checklist must be filled out in full before entry is allowed. If a question is not applicable to the entry, write NA on the line provided.

- ___ Has Public Safety been notified that an entry is scheduled by calling ext. 6656?
- ___ Have all authorized entrants, attendants, and the entry supervisor been trained in permit-required confined space entry?

Is the following equipment in good working condition and available at the permit space work site:

- ___ atmospheric monitoring instruments AND calibration supplies
- ___ ventilating equipment needed to obtain acceptable entry conditions
- ___ communications equipment as needed: _____
- ___ personal protective equipment as needed
- ___ lighting equipment to enable employees to see well enough to work safely and to exit the space quickly in an emergency
- ___ barriers and shields as needed to protect permit space entrants from hazards outside the space and to prevent unauthorized entry
- ___ equipment needed for safe entry into and exit from permit spaces, such as ladders, full-body harnesses and lifelines; IF LIFELINES/HARNESSES ARE NOT USED, JUSTIFICATION REQUIRED: _____
- _____
- ___ rescue and emergency equipment (except for that which is provided by rescue services, such as a radio for calling Public Safety, and tripod)
- ___ any other equipment necessary for safe entry into and rescue from permit spaces
- ___ any Material Safety Data Sheets (MSDS) that are required to be kept at the worksite (to be made available to medical facilities in case of injury or exposure)

- ___ Has the permit space been isolated from the general public by use of barriers or shields?
- ___ Have sources of hazardous energy or materials been contained and equipment physically immobilized according to Rensselaer's Lock Out/Tag Out program?
- ___ Have any other sources of hazardous materials within the permit space been isolated or purged from the permit space?
- ___ Have physical hazards been evaluated and the proper precautions, including the use of personal protective equipment, been taken?
- ___ Has the atmosphere within the permit space been tested for oxygen, flammable gases, and toxic gases in that order, using a calibrated monitor and at various locations/depths within the permit space?
- ___ Has the permit been filled out in full, verified and signed by the entry supervisor, and posted in order to be available to all authorized entrants and attendants before entry?

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