

Confined Space Entry Permit

Description of Work to be Performed:	Manhole #	WO #
Date and Time Issued:	Expiration Date and Time:	
Actual Job Start Time and Date:	Actual Comp. Time and Date:	
University Police Notified:		

1. Equipment (Yes, No or NA)

Air Monitor		PPE (list type used)	
Harness		Explosion Proof Elect Equipment	
Tripod/Hoist		Non-Sparking Tools	
Communication		Blower	

2. Atmosphere Checks

Acceptable atmospheric conditions: Oxygen (O₂) between 19.5% and 23.5%; Explosive (LEL) below 10%, Toxics (CO) below 30 ppm (parts per million).

If acceptable atmospheric conditions are not detected during initial reading, manhole is to be ventilated and atmosphere re-checked. If after venting atmosphere is not acceptable contact supervisor. If acceptable atmospheric conditions are measured during initial reading, ventilation is not required.

Calibration by	Initial Reading		Ventilated Reading, if required	
Date	Time	AM/PM	Time	AM/PM
Time	Oxygen	%	Oxygen	%
	CO (toxic)	ppm	CO (toxic)	ppm
	LEL (explos)	% LEL	LEL (explos)	% LEL

Periodic atmospheric checks must be conducted throughout entry operation and recorded on Page 2

3. Physical Hazard Elimination (Yes, No or NA)

	Eliminated by	Verified by		Eliminated by	Verified by
Secure Area			Thermal		
Mechanical Lock-out			Water		
Electrical De-energize			Other:		

4. Declassification - If the following conditions are met:

- All physical hazards have been eliminated
- Initial Atmospheric Reading detects acceptable levels
- Work to be performed will not affect atmosphere (no welding, pipe repair, etc.)

Manhole entry may be declassified, and Tripod and Harness Entry is not required. Atmospheric readings must be taken every 30 minutes during De-Classified Entry.

5. Rescue Procedures:

- Attendant is not to leave work area. Using radios, Univ. Police is to be contacted.
- Manhole Entry Rescue should not require entry for rescue. Injured personnel should be hoisted using harness and tripod. Univ. Police will facilitate first aid.
- If remote rescue is unsuccessful, entry rescue only after donning supplied air, harness, etc.

6. Personnel and Signatories

We have reviewed the work authorized by this permit and the information contained herein. Instructions and safety procedures have been reviewed and are understood.

	Print Name	Signature	Date
Entrant #1			
Entrant #2			
Attendant			
Entry Supervisor			
Other:			

This permit must be kept at job site.
Return copy to EH&S Dept. upon job completion. Return original to Supervisor.

Confined Space Entry Permit

Page two (use additional copies, if necessary)

Recording of Periodic Atmospheric Testing

WO# _____

DATE: _____

Minimum Frequency of Testing:	
Every 5 minutes	If welding, pipe repair, using solvents or performing other operation which may change atmosphere
Every 15 minutes	All other Permit Required Confined Space Entry operations
Every 30 minutes	All Declassified Manhole Entry operations

Reading		Reading	
Time	AM/PM	Time	AM/PM
Oxygen	%	Oxygen	%
CO (toxic)	ppm	CO (toxic)	ppm
LEL (explos)	% LEL	LEL (explos)	% LEL

Reading		Reading	
Time	AM/PM	Time	AM/PM
Oxygen	%	Oxygen	%
CO (toxic)	ppm	CO (toxic)	ppm
LEL (explos)	% LEL	LEL (explos)	% LEL

Reading		Reading	
Time	AM/PM	Time	AM/PM
Oxygen	%	Oxygen	%
CO (toxic)	ppm	CO (toxic)	ppm
LEL (explos)	% LEL	LEL (explos)	% LEL

Reading		Reading	
Time	AM/PM	Time	AM/PM
Oxygen	%	Oxygen	%
CO (toxic)	ppm	CO (toxic)	ppm
LEL (explos)	% LEL	LEL (explos)	% LEL

Reading		Reading	
Time	AM/PM	Time	AM/PM
Oxygen	%	Oxygen	%
CO (toxic)	ppm	CO (toxic)	ppm
LEL (explos)	% LEL	LEL (explos)	% LEL

Reading		Reading	
Time	AM/PM	Time	AM/PM
Oxygen	%	Oxygen	%
CO (toxic)	ppm	CO (toxic)	ppm
LEL (explos)	% LEL	LEL (explos)	% LEL

Reading		Reading	
Time	AM/PM	Time	AM/PM
Oxygen	%	Oxygen	%
CO (toxic)	ppm	CO (toxic)	ppm
LEL (explos)	% LEL	LEL (explos)	% LEL