

Confined Space Entry Procedure Worksheet

1. Location

Exact name and location of space to be entered.

2. Hazard Identification & Determination - (circle all that apply)

a. Tasks to be performed.

- | | | | | |
|-----------------|------------------|--------------|-------------------|-----------------------|
| Welding/Cutting | Solvent Cleaning | Dry Sweeping | Painting | Inspection |
| Grinding | Vacuuming | Scraping | Mechanical Repair | Other (Specify below) |

Hazardous Contents: (Materials that were, may still be, or will be in the space). Attach MSDS(s) - (circle all that apply)

- | | | | |
|------------------------|-------------|-----------------|-----------------------|
| Oxygen Deficiency | Natural Gas | Caustics | Hot Air |
| Carbon Monoxide | Steam | Acids | Epoxy Powder Coat |
| Hydrogen Sulfide | Water | Cleaning Agents | Other (Specify below) |
| Combustible Atmosphere | Fuel / Oil | Solvents | |

The signs & symptoms of overexposure are: (Use MSDSs - (circle all that apply))

- | | | | |
|-----------|-------------------|------------|-------------------------|
| Headache | Light Headedness | Nausea | Giddiness |
| Stupor | Eye Irritation | Chest Pain | Others: (Specify below) |
| Dizziness | Throat Irritation | Vomiting | |
| Fatigue | Nose Irritation | Collapse | |

Physical, Entrapment and Engulfment Hazards: (Reference Engineering Drawings) - (circle all that apply)

- | | | | | |
|------------------|-------------------|-------------------------|---------------|------------------|
| Fire / Flammable | Falling | Sloping Sides | Soft Material | Moving Agitators |
| Explosive | Slippery Surfaces | Limited Maneuverability | Open Manhole | Liquids |
- Other:

3 Pre-Entry Confirmation

Initial Atmospheric Testing (to be completed prior to entry)

Gas / Vapor	Date	Instrument /Detector Tube Type	Date of Calibration/ Expiration	Test Result	Range of Acceptable Concentrations
Oxygen Level					>19.5% & <23.5%
Combustible Gas Vapor					<10% of LEL
Carbon Monoxide					<35 ppm
Hydrogen Sulfide					

Tested by: _____ Date: _____ Acceptable Unacceptable

5. Hazard Elimination Procedures

6. Access Prevention / Warning

Determination that the space is safe to open will be made by: _____

Authorization to open the confined space may be given by: _____

How will the entrance be opened? _____

The entrance will be marked, guarded or secured by: _____

7. Hazard Re-Evaluation

List the materials which require ventilation for dilution or to prevent build-up: _____

List the hazards which have not been eliminated and require further controls: _____

List any remaining entrapment or engulfment hazards: _____

8. Air Contaminate Monitoring Not Required **Required** Attach monitoring log

Periodic monitoring for: _____

Continuous monitoring for _____

Appropriate Monitor Model Numbers _____ Number of meters _____

9. **Hazard Control Requirements**

All entries where the hazard has not been eliminated and those with engulfment or entrapment hazards **require**:

1. Equipment to control the hazards which were not eliminated.
2. Emergency retrieval / rescue equipment.
3. Provisions for a trained Rescue Team.
4. A trained Attendant.

If the hazards have not been eliminated and any one of these four items is not present and functional,

No Entry Can Be Made

10. Equipment

<u>Entry</u>	<u>Retrieval</u>	<u>Personal Protective Equipment</u>			<u>Respirator</u>
Rope	Hoist Tripod	Face Shield	Goggles	Hood	Disposable
Harness	Ladder	Rain Suit	Boots	Cool Vest	5 min (Escape Only)
Lanyard	Crane Basket	Coveralls / Disposable		Underclothes	Air Line
Lifeline	Man lift	Coveralls / Flame Retardant		Duct Tape	Air Line with
Wristletts	Block & Tackle	Work Gloves Type _____			Escape Tank
	Controlled Descent	Chemical Gloves Type _____			

<u>First Aid Rescue</u>	<u>Splash</u>	<u>Continuous Mechanical Ventilation</u>	<u>Warning / Barrier</u>
Oxygen Unit	Water Hose	FD Fans	Cones Flashers
Fire Blanket	Portable Eyewash	Air Movers	Saw Horses
Scott Air Pak	Portable Shower	Portable Blower with Elephant Trunk	Portable rails
Stretcher	Sorbents		"Confined Space" Signs
Water Gel Blanket			"No Entry" Signs

11. Explosion or Fire

Fire Extinguisher Type Dry Chemical CO₂ Is Hot-Work Permit required? Yes No

Number of extinguishers to be at site: _____ Permits _____

Fire Hose. Charged Spark Blanket or Shield Combustible Gas & Oxygen Meter

Spark Resistant Tools Fire Watch Explosion Proof Lighting

Other(s): Specify _____

12. Communication How will Entrants & Attendants Communicate?

Verbal Signal Rope Visual Radio Other: _____

What is the emergency evacuation signal? _____

What is the normal work signal to leave the space _____

13. Special Information / Additional Equipment / Decontamination

14. Planned Rescue & Emergency Service

How are rescues from outside-the-space to be done? _____

Describe what inside-the-space rescue provisions are to be used. _____

How will the Rescue Team be notified of the entry? _____

How will the Rescue Team be summoned for rescue? _____

How To Notify Entry is about to Start Verbal Intercom Phone Radio Other _____

How To Summon in Emergency Verbal Yell Horn
 Intercom Phone Radio Other _____

15. Worksheet Preparation and Approval

- The diagram and /or procedure do not match the physical surroundings.
- Required equipment not present or not functional.
- Non-functioning air monitoring device(s).
- Air contaminate above acceptable level or alarm sounding on monitoring device. (See air monitoring section)
- Conditions arise outside the scope of the original entry.
- Failure of lockout system, including blanking, bleeding, removing spool, etc.
- Failure of mechanical ventilation

Other (List) _____

Prepared By: _____ Date: _____ Prepared By: _____ Date _____
Prepared By: _____ Date: _____ Prepared By: _____ Date _____

16. Authorized Personnel

Entry Supervisor(s) _____

Authorized Entrant(s) _____

Authorized Attendant(s) _____

17. Training

1. All Entrants have received a Safe Job Description
2. All Entrants have received training on the Duties of an Entrant.
3. All Attendants have received a Safe Job Description
4. All Attendants have received training on the Duties of an Attendant.
5. All Rescue Team Members have received a Safe Job Description
6. All Rescue Team Members have received training on the Duties of a Rescue Team Member.

The Entry Supervisor(s) have reviewed the Duties of the Entry Supervisor and all sections of this permit to ensure completeness prior to anyone entering the confined space.

Permit Valid Start _____ / _____ / _____ a.m./p.m. **End** _____ / _____ / _____ a.m./p.m.

I have read the above permit and confirm that all items have been completed and therefore permit the entry to commence.

Entry Group Supervisor _____ Date _____ / _____ / _____ Time _____ a.m./p.m.

Unplanned Events _____

o Permit Canceled by _____ Time _____ Date _____ / _____ / _____

Access Prevention & Warning Completed by _____ Time _____ Date _____ / _____ / _____