



# Confined Space Profile

Building: \_\_\_\_\_ Contact: \_\_\_\_\_ Title: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Address: \_\_\_\_\_ Evaluated By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Department: \_\_\_\_\_ Floor: \_\_\_\_\_ Room Number: \_\_\_\_\_

Status:  Permit Required Confined Space  Non-Permit Required Confined Space  Alternate Entry Procedures  Reclassified Date: / /

### Type of Space

- Air Handling Units/Systems**
  - Supply
  - Exhaust
  - Duct
  - Other
- Manhole**
  - Sewer
  - Chemical
  - Storm
  - Other
- Pits**
  - Equipment Pit
  - Elevator Pit
  - Neutralization Pit
- Ejector Pit**
- Other**
- Other**
  - Utility Vault
  - Pipe Chase
  - Tunnel
  - Tank/Vessel
  - Storage Bin
  - Boiler

Description:

### Potential Hazards

- Unsafe to Remove Cover**
  - Excess pressure could blow cover off during removal
  - Pressurized chemicals
  - Vacuum
  - Extreme heat/steam
- Oxygen deficient atmosphere (<19.5% O<sub>2</sub>)
- Flammable gases or vapors (>10% LEL)
- Oxygen enriched atmosphere (>23.5% O<sub>2</sub>)
- Other toxic gases or vapors greater than established PEL  
List if known: \_\_\_\_\_
- Combustion byproducts (flue gas, CO, CO<sub>2</sub>)
- Entrapment (sloping shape that could trap a person)
- Engulfment (space contains material which could engulf entrant)
- Mechanical**
  - Fan blades and/or agitator
  - Unguarded energized equipment
  - Pinch points
  - Other
- Material harmful to skin
- Airborne combustible dust
- Electrical
- Temperature extremes
- Hanging materials which could fall
- Noise
- Decaying waste (sewage, stagnant water, H<sub>2</sub>S, methane)
- Other hazardous materials depending on area being exhausted

### Entry Information

Proposed Number of Entry Times Per Year: \_\_\_\_\_ Entry/Egress Location(s):  Top  Bottom  Sides

Proposed Number of Employees Entering the Space:  
 Regular Entrants  Different Entrants

Potential Reasons for Entry/Type of Work Proposed within the Confined Space:

### Initial Atmospheric Testing

Date: \_\_\_\_\_ Time: \_\_\_\_\_ AM \_\_\_\_\_ PM Sampled By: \_\_\_\_\_

Oxygen: \_\_\_\_\_ % Hydrogen Sulfide: \_\_\_\_\_ ppm

Combustibles: \_\_\_\_\_ % Carbon Monoxide: \_\_\_\_\_ ppm

Other: \_\_\_\_\_

Instrument Type: \_\_\_\_\_  
Model Number: \_\_\_\_\_  
Serial Number: \_\_\_\_\_