

# CONFINED SPACE HAZARD ASSESMENT

Site name / Campus Bldg #: \_\_\_\_\_

Location of space: \_\_\_\_\_

Date Assesment Last Modified: \_\_\_\_\_

To be a Confined Space must meet **ALL** of the 3 criterias:

1. Large enough for an employee to enter
2. **And** has limited or restricted means of entry
3. **And** is not designed for continuous occupancy

To be a Permit Required Confined Space it must **meet any one** of the below criteria:

**Contains or has the potential** to contain a Hazardous atmosphere

**And / or** contains a material that has the potential for engulfing entrant

**And / or** has a internal configuration such that an entrant could be trapped or asphyxiated by inwardly covering walls or by a floor that slopes downward and tapers to a small opening.

**And / or** contains any other recognized serious health or safety hazard

Circle Authorized Entry Points	SIDE	BOTTOM	TOP

Circle Hazards	Source/Type	Abatment Method
Explosive Atmosphere	_____	_____
Toxic Atmosphere	_____	_____
Combustible Material	_____	_____
Electrical	_____	_____
Machinery/Rotating parts	_____	_____
Engulfment	_____	_____
Piping under pressure	_____	_____

**Ventilation Requirements:**

Space Volume in Cubic Feet is: \_\_\_\_\_ cf

Mechanical Ventilation Required in cubic feet a minute: \_\_\_\_\_ cfm

Natural ( no atmospheric hazards usual in the space -additional ventilation may be needed for Hot Work or other operations producing dust, fumes, mist )

**Ventilation Formulas:**

**Tank/cylinder shape:** Volume = 3.142 x circular radius squared x height of the space

**Cube shape:** Length x length x length = volume divided by 4 = cubic feet divided by # of air changes required = cfm needed.

**Rectangle:** Length x width x height +volume divided by 4 = cubic feet divided by # of air changes required = cfm needed to keep air clear.

Space marked with Permit Sign?            **Y**            **N**

Print Completed by: \_\_\_\_\_

Notes: