

Iowa State University CONFINED SPACES ENTRY PLAN

IDENTIFICATION
Name of confined space: _____
Location: _____
Space description: _____
Contents: _____
Interior dimensions: _____
Access type: _____ Access size: _____
 Permit Required (complete Entry Permit below) Non-Permit Required

POTENTIAL HAZARDS (Check all that apply)

Hazardous atmosphere: _____	Minimum work room: _____	Hazardous residue: _____
Engulfment _____	Sloped walls _____	Poor lighting: _____
Entrapment _____	No fixed ladder _____	Poor footing: _____
Hazardous energies _____	Fall hazard: _____	Hot surfaces: _____
Other (specify): _____		

REQUIRED PRECAUTIONS

Atmos. testing (circle): <u>periodically / continuously</u>	Ventilation (circle): <u>if indicated by monitoring /</u>
Surveillance (circle): <u>visual / verbal / radio</u>	<u>prior / continuously</u>
Safety harness/ lifeline: <u>yes / no</u>	Safety hoist (circle): <u>yes / no</u>
Lockout/tagout: _____	Barricade opening: <u>yes / no</u>
Respirator (specify): _____	Other PPE (specify): _____
Other (specify): _____	

ENTRY PERMIT

Scope of work authorized: _____

Hot work authorized? NO YES Scope: _____

Entry authorized by: _____ Date: _____

Authorized Entrants and Attendant (may alternate YES or NO)

1. _____	2. _____	3. _____
4. _____	5. _____	6. _____

Reviewed/Canceled by _____

VERIFICATION AND MONITORING RECORD

MINIMUM CONDITIONS FOR ENTRY VERIFIED? YES NO

Oxygen	Between 19.5%-23.5%	Flammable dusts	Visibility > 5 ft.
Flammable gasses	< 10% of LEL	Engulfment hazards	None present
Hydrogen sulfide (H ₂ S)	< 10 ppm	Hazardous flows	Secured and locked/tagged out
Carbon monoxide (CO)	< 35 ppm	Hazardous energies	Secured and locked/tagged out
Other toxic substances	< PEL for substance	External hazards	Controlled

If conditions are not met, entry is prohibited. If occupied, the space must be immediately evacuated.

ATMOSPHERIC MONITORING

Performed by: _____ Date: _____

Monitor	Time/Location	%Oxygen	%LEL	ppm H ₂ S	ppm CO

EMERGENCY PROCEDURE

If a hazardous condition is detected or perceived, immediately evacuate the confined space. Do not re-enter. Contact immediate supervisor for assistance. No person will re-enter the confined space until all hazards have been re-evaluated and eliminated.

In the event of an emergency, use nearest telephone (or two-way radio) to CALL 911 to summon emergency assistance. If entrant is attached to a lifeline, attempt to extricate without entering the confined space.