

**U.S. DEPARTMENT OF ENERGY - BONNEVILLE POWER ADMINISTRATION (BPA)  
 CONFINED SPACE ASSESSMENT FORM**

Site location or description:	Date:
Purpose of entry:	Type of Work:
Competent Person/Supervisor Evaluating:	
Phone #/Email for Contact:	

A Competent Person must evaluate the space using the Hazard Analysis Below

- If all hazards cannot be eliminated by checking the corresponding method below or hazards in the grey box are checked, the space is a **Permit Required Confined Space** and BPA F 5480.10a (05-2022) must be filled out.
- If the only hazard posed by the permit space is an actual or potential hazardous atmosphere and all other hazards have been eliminated, the space can be classified as an **Alternate Procedures** space. Air monitoring and ventilation are required for these spaces.
- If there are no hazards or all hazards have been eliminated by checking the corresponding box below, then the space can be reclassified as a Non-Permit Confined Space.

**HAZARD ANALYSIS COMPLETE 1-22**

<p><b>(1) Potential Hazardous Atmosphere</b></p> (2) Electrical Hazards (3) Excessive Heat/Cold (4) High Noise(>85 dBA) (5) Fall Hazard within Space (6) Chemical Exposure (7) Slippery/Uneven Surface	(8) Birds/Animals/Insects/Plants (9) Heavy Equipment Operating (10) Vehicle Traffic Near Opening (11) Water or Engulfment Hazard (12) Moving Mechanical Equipment (13) Inadequate Lighting (14) Other	<p align="center"><b>PERMIT REQUIRED HAZARDS</b></p> (15) Known Hazardous Atmosphere (16) Known Explosive Atmosphere (17) Welding/Fire Hazard (Hot Work Permit) (18) Sewage/Decaying Material (19) Entanglement/Difficult Rescue (20) Electrical Work without Locks (21) Work on Energized/Pressurized Systems (22) No Ability to Self Exit/Lowered into Space
---	---	---

**CORRESPONDING METHODS TO CONTROL OR ELIMINATE HAZARDS ABOVE**

<p><b>(1) Air Monitoring/Ventilation (Control Only)</b></p> (2) Lockout/Tagout of Electrical (3) Heaters/Air Conditioners/Clothing (4) Hearing Protection (5) Fall Protection (if not working alone) (6) Chemical Hazard Elimination per SDS (7) Cleanup or Engineering Control	(8) Removal of Natural Hazard (9) Equipment Control (10) Traffic Control (11) Water Removal/Disconnect/LOTO (12) Lockout/Tagout (13) Lighting (14) Elimination of Other	(15) Monitoring/Ventilation Respirators (16) Monitoring/Ventilation Intrinsically Safe (17) Fire Extinguishers (18) PPE for Sewage (19) Rescue Plan/Retrieval Equipment (20) Qualified Person/Atc Flash Protection (21) Qualified Person and Work Policy (22) Retrieval Equipment Setup
--	---	--

Notes:

SPACE DESIGNATED AS: **ALTERNATE METHODS ENTRY** **PERMIT REQUIRED CONFINED SPACE**  
 (IF ANY HAZARDS CANNOT BE ELIMINATED OR HAZARDS IN GRAY BOX ARE CHECKED, THE SPACE IS AUTOMATICALLY PERMIT REQUIRED AND 5480.10a MUST BE COMPLETED.)

**ALTERNATE METHODS ENTRY CONFINED SPACE**

Date: \_\_\_\_\_ Signature of Competent Person for Alternate Method Permit Only: \_\_\_\_\_

Continuous Air Monitoring Required (record)      Continuous Ventilation (optional calculate below)      Natural Ventilation (open spaces only)

**Exit space immediately if there is a failure of a direct reading instrument, failure of ventilation system, detection of a hazardous atmosphere, introduction of a new hazard, a hazard develops, entrant shows signs of exposure, or conditions change in the space.**

<b>AIR MONITORING FOR ALTERNATE METHODS</b>	<b>AIR MONITORING FOR PERMIT REQUIRED</b>
---	---

Gas Monitor Model: \_\_\_\_\_ Bump Test Today \_\_\_\_\_ Days to Calibration: \_\_\_\_\_

Substance: \_\_\_\_\_ Permissible Exposure Level: \_\_\_\_\_ Continuous Air Monitoring Record Results (60 Minute Intervals):

All monitored levels must be below the PEL or within limits for safe entry conditions to be satisfied. Time: \_\_\_\_\_

Oxygen	Range: 19.5% to 23.5%								
LEL/LFL	Under 10%								
H <sup>2</sup> S	PEL=10	STEL=15							
CO	PEL=35	STEL=200							
CO <sup>2</sup>	PEL=5K	STEL=30K							

Optional Calculation: Ventilation equipment and CFMs for recommended Air Exchanges Per Hour (AEPH)	Approximate Volume of Space in Feet (LxWxH):	Divide Volume of Space ÷ BY 3 (For 20 AE/HR)	= CFMs Needed for Air Exchanges Recommended:	Notes:
--	--	--	--	--------

Return this form to the Program Administrator. All confined space permits are to be kept on file for 10 years from date of use.