OpsAuditHub opsaudithub.com	DOC ID: **SAF-0397**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1910.146 (Permit-Required Confined Spaces) & OSHA 29 CFR 1910.272 (Grain Handling Facilities)**	AUDIT FREQUENCY: **Daily Pre-Entry & Shift-by-Shift Audit**

Grain Silo Bin Confined Space Entry Permit Daily Log Sheet

Operational Scope: This log sheet establishes mandatory daily safety verification protocols for entering grain storage structures to prevent engulfment, entrapment, and atmospheric hazards. Compliance with this operational document is required prior to breaking plane into any permit-required confined grain space.

MANDATORY PPE:	Full Body Harness with D-Ring (ANSI Z359.1), Retrieval Lifeline & Mechanical Winch System, Multi-Gas Monitor (O2, LEL, CO, H2S) (ANSI/ISEA 101), Hard Hat with Chin Strap (ANSI Z89.1), Steel-Toe Safety Boots (ASTM F2413), N95 Dust Respirator or PAPR (NIOSH Approved)
PREREQUISITES:	Verify all electrical and pneumatic energy sources are locked out and tagged out (LOTO per 29 CFR 1910.147). | Confirm continuous atmospheric monitoring is active and calibrated prior to authorization. | Ensure trained standby attendant is stationed continuously outside the primary entry point.

ATMOSPHERIC & VENTILATION TESTING

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Oxygen Concentration Level**	Meter reads between 19.5% and 23.5% sustained prior to entry authorization.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Flammable Vapors & Gases (LEL)**	Combustible gas indicator reads strictly less than 10% of the Lower Explosive Limit (LEL).	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Toxic Air Contaminants (CO & H2S)**	Carbon Monoxide < 25 ppm and Hydrogen Sulfide < 10 ppm; no hazardous fumigant residues present.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
4	**Mechanical Ventilation Verification**	Blower fans operational, supplying adequate forced-air ventilation throughout the duration of entry.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**

BRIDGING, ENGULFMENT & MECHANICAL SAFETY

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Stored Grain Bridge Inspection**	Absence of vertical crusting, bridging, or hanging grain walls; zero personnel entry allowed on top of bridged grain.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Auger & Sweep Auger LOTO Verification**	All sweep augers, discharge gates, and fill conveyors mechanically blocked, locked out, and tagged out.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Lifeline and Anchor Integrity**	Tripod hoist and primary anchor rated for minimum 5,000 lbs; harness and lanyard inspected for fraying or defects.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

COMMUNICATION & EMERGENCY PREPAREDNESS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
8	**Attendant Station & Line of Sight**	Trained standby attendant is stationed outside, maintaining visual or voice contact with entrant(s) at all times.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
9	**Emergency Rescue Equipment Readiness**	Rescue tripod, harness, and retrieval winch staged directly at the hatch; emergency response numbers posted.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
10	**Permit Authorization Sign-Off**	All hazard checks completed, entry supervisor and entrants have signed and dated the active entry permit.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**

Certified Confined Space Entrant / Operator Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Site Safety Supervisor / Operations Manager Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

COMPLIANCE NOTICE: This document must be archived for a minimum of 12 months in accordance with workplace safety recordkeeping guidelines.

DIGITAL INSPECTION UPGRADE: Run this audit on mobile/tablet, attach photos & automate compliance records. **Start Free Mobile Audit →**