OpsAuditHub opsauditihub.com	DOC ID: **SAF-0403**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1910.1200 & EPA Worker Protection Standard (WPS) 40 CFR Part 170**	AUDIT FREQUENCY: **Monthly Audit**

Agricultural Pesticide Chemical Storage Audit Compliance Checklist

Operational Scope: This document outlines the mandatory operational and regulatory verification criteria for all agricultural chemical storage facilities. Its primary objective is to mitigate toxic exposure, prevent environmental contamination, and ensure strict adherence to federal pesticide safety mandates.

MANDATORY PPE:	Chemical-Resistant Nitrile or Butyl Gloves, ANSI Z87.1 Approved Splash-Proof Safety Goggles, NIOSH-Approved Half-Mask Respirator with Organic Vapor Cartridges, Chemical-Resistant PVC Apron or Tyvek Coveralls, Steel-Toe Rubber Boots (ASTM F2413)
PREREQUISITES:	Verify emergency eye wash station and safety shower are unobstructed and tested within the last 24 hours. | Review current Safety Data Sheets (SDSs) for all stored chemical inventory prior to facility entry. | Ensure spill containment kit is fully stocked, inspected, and positioned outside the primary storage zone.

STRUCTURAL INTEGRITY AND ENVIRONMENTAL CONTROLS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Facility Security & Signage**	Storage building is locked, secure against unauthorized access, and clearly posted with 'DANGER - PESTICIDE STORAGE - KEEP OUT' signage visible from 50 feet.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Secondary Containment Curbs**	Floors and containment dikes are free of cracks, structural gaps, and capable of holding 110% of the volume of the largest single container stored.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Ventilation System**	Mechanical exhaust fan is operational, providing a minimum of 6 air changes per hour to prevent toxic vapor accumulation.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
4	**Emergency Lighting**	Battery-backed emergency lighting units are functional and illuminate all aisles and exits upon simulated power loss.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**

CHEMICAL INVENTORY, HANDLING, AND SEPARATION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Chemical Segregation & Compatibility**	Incompatible pesticides (e.g., oxidizers separated from flammables or organic liquids) are separated by minimum distance or physical fire barriers.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Container Condition & Leak Check**	All drums, bags, and jugs show no signs of bulging, severe corrosion, weeping seams, or active leaks. Caps and bung closures are securely tightened.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Pallet Stacking Limits**	Dry pesticide bags and liquid containers are stacked stably on pallets without exceeding manufacturer height recommendations or risking collapse.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
8	**Safety Data Sheet (SDS) Access**	An up-to-date physical binder or verified digital terminal containing SDSs for 100% of stored agricultural chemicals is immediately accessible.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**

EMERGENCY RESPONSE AND DECONTAMINATION GEAR

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
9	**Spill Neutralization Kit**	Kit includes appropriate absorbent material, neutralizing agents, heavy-duty disposal bags, and a functional broom/shovel, with zero items expired.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
10	**Fire Extinguisher Readiness**	ABC dry chemical fire extinguisher (minimum 10-BC rating) is mounted near the exit, inspected, tagged, and fully pressurized.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

Certified Inspector / Lead 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 →**