OpsAuditHub opsauditihub.com	DOC ID: **SAF-0400**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1910.1200 / EPA Worker Protection Standard (40 CFR Part 170)**	AUDIT FREQUENCY: **Monthly Audit**

Agricultural Pesticide Chemical Storage Audit Safety Audit Checklist

Operational Scope: This audit protocol governs the physical integrity, containment, and environmental controls of agricultural pesticide and chemical storage facilities. The objective is to mitigate chemical exposure risks, prevent hazardous spills, and ensure full compliance with federal worker protection standards.

MANDATORY PPE:	Chemical-Resistant Nitrile Gloves (ASTM F739), Chemical Splash Goggles (ANSI Z87.1), Respirator with Organic Vapor/PIG Cartridges, Chemical-Resistant Apron / Coveralls, Steel-Toe Rubber Boots
PREREQUISITES:	Verify functionality of emergency eyewash and shower station prior to entry. | Review Safety Data Sheets (SDS) index for all chemicals currently inventoried in the storage facility. | Ensure the storage facility mechanical ventilation system is operational.

FACILITY DESIGN, CONTAINMENT & ENVIRONMENTAL CONTROLS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Secondary Containment Systems**	Containment berms and epoxy-sealed floors are intact, free of cracks, and capable of holding 110% of the largest single container volume.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
2	**Ventilation and Air Exchange**	Exhaust fan and intake louvers operate continuously or activate automatically to prevent toxic vapor accumulation, with clear airflow pathways.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
3	**Fire Suppression and Electrical Safety**	ABC dry chemical fire extinguisher is fully charged and inspected; all electrical outlets and fixtures within 15 feet are explosion-proof/sealed.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

CHEMICAL PACKAGING, SEGREGATION & LABELING

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
4	**Container Integrity & Leak Inspection**	All drums, jugs, and bags show no signs of bulging, corrosion, crystallization, weeping, or active leakage.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
5	**Chemical Incompatibility Segregation**	Oxidizers, acids, and flammable pesticides are segregated by approved physical barriers or safe minimum distances to prevent violent reactions.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
6	**GHS Labelling and Signage**	All secondary containers and bulk tanks display legible GHS hazard pictograms, signal words, and chemical identifiers. Warning placards are posted externally.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

EMERGENCY RESPONSE, PPE & DOCUMENTATION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
7	**Emergency Eyewash & Safety Shower**	Eyewash station provides a continuous tepid flush for 15 minutes, inspected weekly, and unobstructed by stored goods or equipment.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
8	**Spill Cleanup Kit Readiness**	Dedicated spill kit is fully stocked with neutralizer, absorbent pads, heavy-duty disposal bags, and clean-up tools matching stored chemical types.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
9	**Safety Data Sheets (SDS) Accessibility**	Hard-copy SDS binder or digital kiosk is immediately accessible to handlers and emergency responders without entering the primary chemical stack.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A
10	**Facility Access Control & Security**	Storage building is kept locked when unattended, restricting entry strictly to authorized, WPS-trained personnel.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

Certified Agricultural Safety Auditor / Compliance Specialist Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Farm Operations Manager / EHS Director Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

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