OpsAuditHub opsaudithub.com	DOC ID: **SAF-0401**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **EPA Worker Protection Standard (WPS) 40 CFR Part 170 / OSHA 29 CFR 1910.1200 / NFPA 400**	AUDIT FREQUENCY: **Monthly Audit**

Agricultural Pesticide Chemical Storage Audit Sop Template

Operational Scope: This Standard Operating Procedure establishes the mandatory audit criteria for agricultural pesticide and chemical storage facilities to prevent environmental contamination, acute worker exposure, and fire hazards. It ensures total compliance with federal hazardous communication and agricultural safety mandates across all OpsAuditHub-affiliated farm operations.

MANDATORY PPE:	Chemical-Resistant Nitrile or Butyl Gloves, ANSI Z87.1 Splash-Proof Safety Goggles, NIOSH-Approved Chemical Respirator with Multi-Gas/Vapor Cartridges, Chemical-Resistant Rubber Apron or Tyvek Suit, ASTM F2413 Steel-Toe Chemical-Resistant Boots
PREREQUISITES:	Review Safety Data Sheets (SDSs) for all stored chemical classes prior to facility entry. | Verify functionality of emergency eyewash and safety shower stations before commencing audit. | Ensure restricted entry protocols and warning signage are active at all access points.

FACILITY INFRASTRUCTURE & ENVIRONMENTAL CONTROLS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Containment Pallets & Sump Systems**	Secondary containment bunds are completely dry, structurally sound, free of cracks, and capable of holding 110% of the largest single container.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
2	**Ventilation System & Airflow**	Mechanical exhaust fan is fully operational, maintaining continuous negative pressure or minimum 6 air changes per hour to prevent vapor accumulation.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
3	**Emergency Eyewash & Shower Station**	Unit is inspected, tested, plumbed to potable water, unobstructed within a 10-second reach, and maintains an active inspection tag.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
4	**Lighting & Electrical Safety**	All light fixtures are explosion-proof, switches are located outside or sealed, and no exposed wiring or temporary extension cords are present.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

CHEMICAL STORAGE, SEGREGATION & SIGNAGE

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Chemical Incompatibility Segregation**	Oxidizers, flammables, acids, and organophosphates are properly segregated with physical barriers or minimum safe distances to prevent dangerous reactions.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
6	**Container Integrity & Labeling**	All pesticide containers are tightly sealed, free of leaks, corrosion, or bulging, and display legible GHS-compliant hazard labels.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
7	**Hazardous Warning Placards**	NFPA 704 hazard diamond and 'DANGER - PESTICIDE STORAGE - AUTHORIZED PERSONNEL ONLY' signage are clearly posted at all entrances.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A
8	**Safety Data Sheet (SDS) Binder Access**	Current, hard-copy SDS manual or accessible digital terminal is available immediately outside the chemical storage room.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

EMERGENCY RESPONSE & SPILL PREPAREDNESS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
9	**Chemical Spill Response Kit**	Spill kit is fully stocked with absorbent pads, neutralizers, disposal bags, and clean-up tools matching the specific chemical inventory.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
10	**Fire Extinguisher Readiness**	ABC dry chemical fire extinguisher is securely mounted, fully charged, inspected monthly, and unobstructed by stored pallets.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

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

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