OpsAuditHub opsaudithub.com	DOC ID: **SAF-0024**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1910.1200 & DOT 49 CFR Parts 100-185**	AUDIT FREQUENCY: **Monthly Audit**

Hazardous Materials Hazmat Handling Safety Audit Checklist

Operational Scope: This audit covers all receiving, storage, and staging zones for hazardous materials within warehousing and logistics facilities. It establishes mandatory compliance criteria to mitigate spill risks, ensure proper segregation, and protect personnel in accordance with federal hazmat regulations.

MANDATORY PPE:	Chemical-Resistant Apron, Nitrile or Neoprene Gloves, Chemical Splash Goggles (ANSI Z87.1), Respirator with Multi-Gas/Vapor Cartridges, Steel-Toe Boots (ASTM F2413)
PREREQUISITES:	Review current Safety Data Sheets (SDS) index for all stored materials | Ensure hazmat spill kit is fully stocked and unobstructed | Verify certified hazmat handling personnel are on-site and supervising

STORAGE, SEGREGATION, AND COMPATIBILITY

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Chemical Segregation**	Incompatible materials (e.g., acids and bases) are segregated by a minimum distance of 20 feet or stored in approved fire-rated containment cabinets.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Secondary Containment**	All liquid hazardous material drums and intermediate bulk containers (IBCs) sit within undamaged secondary containment pallets capable of holding 110% of the largest container's volume.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Stacking Stability and Limits**	Pallets and drums are stacked within manufacturer-specified height limits, uniformly distributed, and free from leaning or structural deformation.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
4	**Flammable Storage Lockers**	Flammable storage cabinets are grounded, self-closing mechanisms function properly, and no ignition sources are present within 50 feet.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

LABELING, SIGNAGE, AND DOCUMENTATION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**DOT Hazard Warnings**	All containers, packages, and overpacks display legible, correct DOT hazard class labels and identification numbers facing outward.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Facility Placarding**	Warehousing storage areas display prominent NFPA 704 hazard identification diamonds and appropriate hazardous material warning placards at all access points.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Safety Data Sheets (SDS) Accessibility**	Current SDS documentation for every stored chemical is immediately accessible to employees via an active physical binder or reliable electronic terminal.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

EMERGENCY PREPAREDNESS AND PERSONAL PROTECTION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
8	**Emergency Eyewash and Shower Stations**	Eyewash and shower units are plumbed, tested weekly, unobstructed by stock, and capable of delivering tepid flushing water for a minimum of 15 minutes.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
9	**Spill Response Kits**	Dedicated hazmat spill kits contain absorbent pads, neutralizing agents, disposal bags, and instruction logs matching the inventory of stored chemicals.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
10	**Fire Suppression Systems**	Fire extinguishers and overhead sprinkler systems are inspected, tagged within date, and clear of clearance obstructions (minimum 18 inches for sprinklers).	**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.