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	STANDARD: **OSHA 29 CFR 1910.176 & ANSI MH1.2.2**	AUDIT FREQUENCY: **Weekly**

Retail Backroom Pallet Stack Safety Audit Compliance Checklist

Operational Scope: This compliance checklist establishes the operational protocol for inspecting backroom pallet staging and vertical storage in retail environments to mitigate collapse and struck-by hazards. Adherence to this checklist is mandatory to maintain compliance with federal safety regulations and internal OpsAuditHub asset protection standards.

MANDATORY PPE:	Steel-Toe Safety Footwear (ASTM F2413), High-Visibility Safety Vest (ANSI/ISEA 107), Impact-Resistant Safety Glasses (ANSI Z87.1), Cut-Resistant Mechanics Gloves (ANSI Level 4)
PREREQUISITES:	Review historical incident logs for the specific receiving and storage zone. | Ensure adequate overhead and task lighting (minimum 30 foot-candles) across the backroom floor. | Establish physical barricades to restrict unauthorized pedestrian access during the audit.

PALLET CONDITION AND STRUCTURAL INTEGRITY

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Wooden Pallet Structural Condition**	Pallets are free from split stringers, broken top/bottom deckboards, protruding nails, or severe warping that compromises stack stability.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Load Overhang and Symmetrical Weight Distribution**	Merchandise does not overhang pallet edges by more than 1 inch; weight is evenly distributed to prevent tipping during handling.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Containment and Stretch Wrapping**	Pallet loads are securely wrapped with a minimum of three tight revolutions of industrial stretch film, capturing the top deckboards of the pallet.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**

STACKING LIMITS, CLEARANCE, AND RACK SAFETY

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
4	**Vertical Stacking Height Compliance**	Floor-stacked pallets do not exceed the maximum allowable height limit of two tiers for standard retail merchandise or manufacturer guidelines.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
5	**Fire Sprinkler Clearance**	A mandatory minimum vertical clearance of 18 inches is maintained between the top of the highest pallet load and sprinkler heads (36 inches for high-density storage).	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Aisle and Egress Clearance**	Primary and secondary backroom egress pathways, electrical panels, and fire pull stations remain entirely unobstructed by staged pallets.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Racked Pallet Beam Engagement**	Pallets stored in pallet racks are centered evenly across both beam steps with a minimum of 3 inches of overhang on front and rear beams.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

HOUSEKEEPING AND STABILITY HARDWARE

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
8	**Damaged Pallet Segregation Area**	Unsafe, broken, or unusable pallets are immediately removed from active operational zones and placed in a designated quarantine holding area.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**
9	**Floor Surface Integrity**	Concrete flooring in pallet staging zones is free of deep cracks, potholes, oil spills, or debris that could cause pallet jack or forklift destabilization.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
10	**Rack Safety Pins and Clips**	All upright frame beam connectors are secured with functional safety locking pins or seismic clips to prevent accidental dislodgement.	**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

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