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	STANDARD: **OSHA 29 CFR 1910.212 & ISO 12100**	AUDIT FREQUENCY: **Monthly Audit**

Machine Guarding Safety Inspection Safety Audit Checklist

Operational Scope: This audit protocol establishes mandatory inspection criteria for all fixed, interlocked, and adjustable mechanical guards across manufacturing lines. The objective is to eliminate entanglement, shearing, and crush hazards through rigorous compliance verification.

MANDATORY PPE:	Safety Glasses (ANSI Z87.1), Steel-Toe Boots (ASTM F2413), Cut-Resistant Gloves (ANSI Cut Level 4), High-Visibility Safety Vest, Hearing Protection (NRR 25dB+)
PREREQUISITES:	Verify machinery is de-energized or operating under authorized slow-speed maintenance modes. | Review previous month's open corrective actions and maintenance logs. | Ensure adequate illumination levels (minimum 50 foot-candles) in the inspection zone.

PHYSICAL GUARD INTEGRITY & MOUNTING SECURITY

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Fixed Barrier Guards**	All guards are securely fastened using captive fasteners or tools; no missing bolts, welded joints are free of cracks, and no structural bowing is present.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
2	**Perimeter Fencing & Enclosures**	Safety perimeter fences are rigidly anchored to the floor with zero clearance gaps exceeding table requirements; access gates align correctly.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
3	**Adjustable Guard Positioning**	Guards protect the point of operation and can be adjusted without bypassing safety functionality; locking mechanisms hold position securely.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

INTERLOCK SYSTEMS & ELECTRICAL SAFETY DEVICES

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
4	**Safety Interlock Switches**	Opening or removing the guard immediately initiates machine stop commands; switch actuators are tamper-resistant and firmly mounted.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
5	**Emergency Stop (E-Stop) Integration**	All associated E-stop push buttons and pull cords function correctly, latch upon actuation, and require manual reset prior to machine restart.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
6	**Light Curtains & Presence-Sensing Mat**	Optoelectronic sensing fields are free of obstruction, alignment is verified, and breaking the beam halts hazardous motion instantly.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

OPERATIONAL CLEARANCE & HAZARD WARNING SIGNAGE

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
7	**Pinch Point & Nip Point Warnings**	High-visibility warning labels and pictograms designating crush, shear, and entanglement hazards are clearly legible and unpainted.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A
8	**Safe Operating Clearance Zones**	No temporary storage, staging pallets, or debris obstruct operator access to control panels, reset switches, or emergency egress routes.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
9	**Rotating Shafts & Protrusions**	All smooth shafts, keyways, and projecting shaft ends are fully enclosed or sleeved to prevent clothing or hair entanglement.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

Certified Inspector / Lead Safety Auditor Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Site Safety Supervisor / Operations Manager Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

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