OpsAuditHub opsaudithub.com	DOC ID: **SAF-0139**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1910.147 & ISO 45001:2018**	AUDIT FREQUENCY: **Monthly Audit**

Preventative Maintenance Schedule Safety Audit Checklist

Operational Scope: Establishes a standardized compliance procedure for verifying that all industrial plant preventative maintenance schedules are strictly followed to mitigate catastrophic mechanical failures. Ensures full adherence to lockout/tagout (LOTO) protocols and hazard mitigation regulations across high-risk manufacturing floors.

MANDATORY PPE:	Hard Hat (ANSI Z89.1), Steel-Toe Boots (ASTM F2413), Safety Glasses with Side Shields (ANSI Z87.1), Cut-Resistant Gloves (ANSI/ISEA 105), High-Visibility Vest (ANSI/ISEA 107)
PREREQUISITES:	Verify machinery is completely de-energized and zero energy state is confirmed via LOTO logs | Notify operations department of audit timeline and zone restriction | Inspect all digital or physical maintenance logs against scheduled completion dates

SECTION 1: MAINTENANCE SCHEDULE COMPLIANCE & DOCUMENTATION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**CMMS Maintenance Log Verification**	All high-priority machinery has up-to-date preventive maintenance records logged within the Computerized Maintenance Management System without overdue tasks exceeding a 5% tolerance window.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
2	**Lockout/Tagout (LOTO) Procedure Registry**	Machine-specific LOTO procedures are clearly posted at control panels and match current hardware configurations.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
3	**Operator Daily Pre-Shift Checklist Archive**	Pre-shift inspection sheets for critical assets are filled out consistently, signed by operators, and archived properly.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A

SECTION 2: MECHANICAL & SAFETY INTERLOCK INTEGRITY

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
4	**Emergency Stop (E-Stop) Push Buttons**	All E-stop actuators halt machinery instantly upon engagement; contacts are free of debris and uncompromised.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
5	**Safety Interlock Switches & Guards**	Interlock gates on robotic cells and automated assembly lines prevent operation when open; no evidence of tampering or bridging.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
6	**Hydraulic and Pneumatic Hose Assemblies**	Hoses, fittings, and pressurized lines show zero signs of blistering, dry rot, active weeping, or external abrasion.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
7	**Drive Belts, Chains, and Rotating Pulleys**	Machine guards are securely bolted in place; drive belts show proper tension with no excessive fraying or slippage residue.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

SECTION 3: ELECTRICAL SAFETY & ENVIRONMENTAL CONTROLS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
8	**Electrical Control Panels & Enclosures**	Panels remain fully closed and secured with operational latches; internal wiring is organized with no exposed terminals or bypassing.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
9	**Floor Clearance & Egress Pathways**	Clearance around maintenance access points and electrical disconnects meets the minimum 36-inch unobstructed rule.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A
10	**Spill Containment & Lubrication Stations**	Oil reservoirs, grease traps, and fluid secondary containment units are free from leaks, cracks, or overflow hazards.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

Certified Inspector / Lead Safety Engineer Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Site Safety Supervisor / Plant 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.

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