OpsAuditHub opsaudithub.com	DOC ID: **SAF-0418**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1928.51 (Agricultural Equipment Guarding) & ASAE S318.18**	AUDIT FREQUENCY: **Daily Pre-Shift**

Combine Harvester Pre Harvest Safety Checklist Compliance Checklist

Operational Scope: This operational checklist ensures combine harvesters are mechanically sound and compliant with agricultural safety standards prior to field deployment. Its primary objective is to mitigate mechanical entanglement, fire hazards, and rollover risks during high-intensity harvest operations.

MANDATORY PPE:	Hard Hat (ANSI Z89.1), Steel-Toe Boots (ASTM F2413), High-Visibility Vest (ANSI/ISEA 107 Class 2), Safety Glasses (ANSI Z87.1), Leather Work Gloves
PREREQUISITES:	Machine parked on level ground with parking brake fully engaged and transmission in neutral. | Engine shut down, ignition key removed, and all hydraulic and electrical systems de-energized. | All headers lowered to the ground or securely locked with mechanical transport locks.

1. SAFETY GUARDS, SHIELDS & EMERGENCY SYSTEMS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Shields and Guards**	All belt, chain, and PTO shields are securely bolted in place, undamaged, and free of cracks or loose fasteners.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Emergency Stop & Interlocks**	Header cutoff switches and cab emergency shut-off mechanisms function immediately when actuated.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Fire Extinguisher**	Mounted ABC dry chemical fire extinguisher (min. 10 lb) is fully charged, inspected within the last 12 months, and unobstructed.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
4	**ROPS and Seatbelt**	Roll-Over Protective Structure (ROPS) is free of structural modifications or corrosion, and the operator seatbelt retracts and latches securely.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

2. MECHANICAL, HYDRAULIC & ELECTRICAL INTEGRITY

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Hydraulic Hoses and Fittings**	No visible leaks, bulging, chaffing, or weeping on lift cylinders, steering lines, or hydrostatic drive connections.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Feederhouse and Header Mechanism**	Feeder chain tension is within manufacturer specifications (no excessive slack); cutter bar guards and sections show no missing fasteners or severe wear.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Engine Compartment & Trash Buildup**	Exhaust manifold, turbocharger, and engine bay are completely cleared of combustible crop residue, chaff, and oil leaks.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
8	**Lighting and Warning Beacons**	All work lights, amber strobe/flashing beacons, and slow-moving vehicle (SMV) emblems are clean, visible, and fully operational.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**

3. TIRES, BRAKES & OPERATOR STATION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
9	**Tires and Wheel Lugs**	Tires inflated to correct operating pressure with no sidewall cracking or deep cuts; all lug nuts torqued to specification.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
10	**Service and Parking Brakes**	Brake pedal engagement is firm with balanced stopping power; parking brake holds machine securely on an incline.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
11	**Windows, Mirrors and Visibility**	Cab windshield and side glass are clean, unobstructed, and free of major cracks; rearview mirrors are properly adjusted.	**Standard**	**[ ] 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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