OpsAuditHub opsauditihub.com	DOC ID: **SAF-0243**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **FMCSA 49 CFR 393.75 & OSHA 29 CFR 1910.178**	AUDIT FREQUENCY: **Weekly Fleet Inspection**

Commercial Tire Tread Depth Log Compliance Checklist

Operational Scope: This checklist standardizes the systematic measurement and recording of commercial fleet tire tread depths to mitigate blow-out hazards and ensure compliance with federal operating standards. All commercial vehicles must be audited weekly to verify that tire wear parameters meet strict safety thresholds before dispatch.

MANDATORY PPE:	Steel-Toe Safety Boots (ASTM F2413), ANSI Z87.1 Safety Glasses, High-Visibility Class 2 Safety Vest, Heavy-Duty Leather or Nitrile-Coated Gloves, Bump Cap
PREREQUISITES:	Verify vehicle is parked on level, stable ground with the parking brake fully engaged and wheels chocked. | Ensure ignition is turned off, keys are removed, and a physical or electronic lockout/tagout (LOTO) is active if maintenance is ongoing. | Inspect tread depth gauge for accuracy and calibration prior to taking initial measurements.

TREAD DEPTH MEASUREMENT & WEAR ASSESSMENT

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Steer Axle - Left Front Tire**	Tread depth must measure at least 4/32 inch across all major grooves measured in multiple locations.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
2	**Steer Axle - Right Front Tire**	Tread depth must measure at least 4/32 inch across all major grooves with no localized bald spots.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
3	**Drive Axles - Inner and Outer Dual Tires**	Tread depth must measure at least 2/32 inch across all major grooves on all drive positions.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
4	**Trailer Axles - Multi-Axle Positions**	Tread depth must measure at least 2/32 inch across all major grooves with uniform wear distribution.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

STRUCTURAL INTEGRITY & DEFECT INSPECTION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Tread and Sidewall Integrity**	No cuts, snags, bulges, exposed cords, or tread separation exceeding 1 inch in length on sidewalls or tread surface.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
6	**Wear Pattern Analysis**	Check for cupping, feathering, or one-sided wear indicating potential wheel alignment or suspension issues.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
7	**Valve Stems and Caps**	All valve stems must be free of cracks or dry rot, and securely fitted with metal valve caps to prevent air loss.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A

INFLATION PRESSURE & COMPLIANCE LOGGING

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
8	**Cold Inflation Pressure Check**	Tire pressure matches manufacturer sidewall specification (+/- 2 PSI). No low-pressure anomalies detected.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
9	**Audit Log Documentation**	All measured values, serial numbers, and axle positions are accurately recorded on the OpsAuditHub digital compliance sheet.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A

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

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