OpsAuditHub opsauditihub.com	DOC ID: **SAF-0242**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **FMCSA 49 CFR § 393.75 & OSHA 29 CFR 1910.178**	AUDIT FREQUENCY: **Daily Pre-Shift**

Commercial Tire Tread Depth Log Daily Log Sheet

Operational Scope: Establishes a mandatory daily pre-trip recording protocol to measure and verify commercial vehicle tire tread depth and casing integrity. Mitigates the critical risk of catastrophic blowouts and wet-weather hydroplaning to ensure full compliance with federal highway safety mandates.

MANDATORY PPE:	Steel-Toe Safety Boots (ASTM F2413), Impact-Resistant Safety Glasses (ANSI Z87.1), Heavy-Duty Leather or Cut-Resistant Gloves, High-Visibility Safety Vest (ANSI/ISEA Class 2), Bump Cap or Hard Hat (ANSI Z89.1)
PREREQUISITES:	Ensure vehicle is parked on level, stable ground with the parking brake fully engaged and wheels chocked. | Verify ignition is off, keys are removed, and engine lockout/tagout procedures are applied if undergoing heavy maintenance. | Ensure adequate illumination of all tire contact patches using an inspected portable work light.

TREAD DEPTH MEASUREMENT & WEAR ASSESSMENT

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Steer Axle Left Tire Tread Depth**	Tread depth must measure at least 4/32 inch across all major tread grooves measured with a calibrated tread depth gauge.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
2	**Steer Axle Right Tire Tread Depth**	Tread depth must measure at least 4/32 inch across all major tread grooves measured with a calibrated tread depth gauge.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
3	**Drive Axle Dual Tires Tread Depth**	All drive axle tires must maintain a minimum tread depth of 2/32 inch across major grooves with no cupping or irregular wear exceeding tolerance.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
4	**Trailer Axle Tires Tread Depth**	Trailer tires must maintain a minimum tread depth of 2/32 inch with uniform wear distribution.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

CASING INTEGRITY & SIDEWALL INSPECTION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Sidewall & Bead Area Integrity**	Absence of bulges, deep cuts exposing cord material, sidewall separation, or cracking exceeding 1 inch in length.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
6	**Dual Tire Spacing & Debris Check**	Ensure proper spacing between dual tires and clear of lodged stones, metal fragments, or foreign objects stuck between treads.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
7	**Valve Stems & Caps**	All tire valve stems must be straight, undamaged, and equipped with securely tightened metal valve caps to prevent air loss.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A

INFLATION PRESSURE & RIM CONDITION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
8	**Cold Inflation Pressure (PSI)**	Tire pressure must match manufacturer placard specification (±2 PSI tolerance) verified using a calibrated pressure gauge.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
9	**Wheel Rims & Fasteners**	Rims must be free of cracks, excessive rust streaks around bolt holes, bent flanges, or missing/loose lug nuts.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

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

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