OpsAuditHub opsauditihub.com	DOC ID: **SAF-0007**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1910.178 & NFPA 58**	AUDIT FREQUENCY: **Daily Pre-Shift**

Propane Forklift Pre Operation Checklist

Operational Scope: Mandatory daily pre-shift inspection required for all liquefied petroleum gas (LPG) powered industrial trucks to mitigate collision, fire, and chemical hazard risks. Ensures total operational compliance prior to deployment on the warehouse floor.

MANDATORY PPE:	Steel-Toe Boots (ASTM F2413), High-Visibility Safety Vest (ANSI/ISEA 107), Safety Glasses (ANSI Z87.1), Heavy-Duty Leather or Nitrile-Coated Gloves, Hard Hat (ANSI Z89.1)
PREREQUISITES:	Forklift parked on level surface with parking brake fully engaged and transmission in neutral | Ignition switch in the OFF position prior to initiating physical and mechanical checks | Work zone secured with appropriate pedestrian warning cones if necessary

LP-GAS SYSTEM & FUEL CYLINDER INSPECTION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Propane Tank & Mounting Brackets**	Tank is firmly secured by mounting brackets, locating pin is engaged properly, and cylinder shows no major dents, gouges, or corrosion.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Fuel Supply Valve & Service Lines**	Service valve is fully closed when not in use, lines show no signs of cracking or chafing, and quick-disconnect coupling is secure.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Odor and Frost Detection (Leak Check)**	No distinct smell of mercaptan (rotten egg odor) or abnormal frost/ice accumulation present on fittings, regulator, or relief valve.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

VISUAL & MECHANICAL SAFETY INSPECTION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
4	**Tires and Wheels**	Solid tires have no deep cuts, chunking, or excessive wear beyond the 50% safety line; wheel nuts/bolts are fully torqued and present.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
5	**Forks, Carriage, and Load Backrest**	Forks are unbent, locking pins are intact, and load backrest extension is securely bolted without structural fractures.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Hydraulic System and Mast**	Hylauric lift/tilt cylinders, hoses, and connections show no active fluid leaks, weeping, or fraying under pressure.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Overhead Guard**	Overhead protective guard is securely attached with no structural damage, weld cracks, or missing structural bolts.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

OPERATIONAL CONTROLS & SAFETY SYSTEMS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
8	**Brakes (Service and Parking)**	Service foot brake holds firm without excessive pedal travel; parking brake securely holds truck on an inclined grade.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
9	**Horn, Backup Alarm, and Strobes**	Audible horn and reverse backup alarm emit clear, loud warnings; flashing LED strobe lights operate continuously when powered.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
10	**Steering and Controls Responsiveness**	Steering wheel turns smoothly with minimal play; hydraulic levers respond instantly without binding or drifting.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

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

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