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	STANDARD: **OSHA 29 CFR 1910.180 / ANSI/ALI ALOIM:2020**	AUDIT FREQUENCY: **Daily Pre-Shift**

Automotive Shop Safety Lift Inspection Sop Template

Operational Scope: Establishes a mandatory inspection protocol for all automotive hydraulic and mechanical vehicle lifts to prevent structural collapse or vehicle drop. Mitigates high-consequence struck-by and crushing hazards in accordance with industry safety standards.

MANDATORY PPE:	Safety Glasses (ANSI Z87.1), Steel-Toe Safety Boots (ASTM F2413), Mechanic's Work Gloves, High-Visibility Safety Vest, Bump Cap
PREREQUISITES:	Verify the lift area is completely clear of personnel, tools, and tripping hazards. | Ensure main power disconnect is functional and lock-out/tag-out (LOTO) kits are accessible if maintenance is required.

VISUAL & STRUCTURAL INTEGRITY INSPECTION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Columns and Anchor Bolts**	Inspect anchor bolts for corrosion, bending, or looseness; check columns for vertical plumb and structural cracks.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**Carriage and Roller Bearings**	Verify carriages move smoothly along columns without binding, and check roller bearings/slides for excessive wear.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Lift Arms and Restraint Assemblies**	Inspect swing arms for cracking or deformation; ensure arm restraint gears/pins engage automatically when raised.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
4	**Rubber Lifting Pads and Adapters**	Check rubber pads for heavy tearing, dry rotting, or missing contact surfaces that could cause vehicle slippage.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**

HYDRAULIC & MECHANICAL SAFETY SYSTEM CHECKS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Hydraulic Hoses and Fittings**	Inspect all lines, cylinders, and connections for active oil leaks, bulging, chafing, or pressure drops.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
6	**Hydraulic Fluid Level**	Check fluid reservoir level with lift fully lowered; oil must be within manufacturer-specified operating window.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Mechanical Safety Latches/Locks**	Raise lift and listen/observe to ensure mechanical safety latches engage audibly and evenly on both sides during ascent.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
8	**Control Switches and Power Unit**	Test 'UP' and 'DOWN' operational switches to confirm the dead-man feature automatically springs back to neutral when released.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

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

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