

SAMPLE LIFT INSPECTION FORMS

Periodic Lift Inspection Checklist



1515 Charles Drive
Redding, CA 96003
530-241-1275

Location Name: _____

ALOIM	Inspection Points - All Lifts (Appendix C, ALOIM:Current Edition) Appendix C applies to all lifts including wheels free devices	Pass	Fail	N/A
5.6.2.1	Record location of manufacturer instructions or generic instructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪	Including Manufacturer Installation Instructions Circle location: With lift In Office Other: _____			
▪	Including Manufacturer Operation Instructions Circle location: With lift In Office Other: _____			
▪	Including Manufacturer Inspection Instructions Circle location: With lift In Office Other: _____			
▪	Including Manufacturer Maintenance Instructions Circle location: With lift In Office Other: _____			
▪	Or equivalent (ANSI/ALI-ALOIM-"Blue Book") Circle location: With lift In Office Other: _____			
5.6.2.2	Record location of generic safety instructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪	Including appropriate lift safety instructions Circle location: With lift In Office Other: _____			
▪	Including ALI/SM, "Lifting It Right" Circle location: With lift In Office Other: _____			
▪	Including ALI/ST, "Safety Tips" Circle location: With lift In Office Other: _____			
▪	Or equivalent, Identify: _____ Circle location: With lift In Office Other: _____			
5.6.2.3	Record location & verify current edition of lifting point information.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪	ALI/LP-Guide "Quick Reference Guide, Vehicle Lifting Points for Frame Engaging Lifts" Location: _____ Identify Year: _____			
▪	Or equivalent, Identify: _____ Location: _____			
5.6.2.4	Check accessibility & readability of safety warning labels.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪	Confirm appropriate lift safety labeling or placarding and report deficiencies (check appropriate labels)			
▪	Including ALI/WL101, for two post surface mounted lifts <input type="checkbox"/>			
▪	Including ALI/WL200, for surface mounted wheel engaging lifts <input type="checkbox"/>			
▪	Including ALI/WL300, for hinged frame engaging lifts <input type="checkbox"/>			
▪	Including ALI/WL400, for wheel engaging mobile units <input type="checkbox"/>			
▪	Including ALI/WL500 for Inground lifts <input type="checkbox"/>			
▪	Including ALI/WL600, for single post lifts <input type="checkbox"/>			
▪	Or equivalent, Identify: _____ <input type="checkbox"/>			
5.6.2.5	Record the rated load capacity of the lift.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪	Record rated load capacity of lift Capacity: _____			
5.6.2.6	Record manufacturer name, model number & serial number(s) on Inspection Certificate.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪	Verify that the Inspection Certificate records manufacturer name & address, lift model number, serial number & certification serial number (certified lifts only) & lift rated load capacity (Nameplate Information)			

Inspector Initials _____

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SAMPLE LIFT INSPECTION FORMS

ALOIM	Inspection Points - All Lifts (Appendix C, ALOIM:Current Edition) - Continued	Pass	Fail	N/A
5.6.2.7	Confirm adequacy of clearances around lift.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> Confirm there is adequate clearances around lift to accommodate anticipated service activities and emergency egress, report deficiencies 			
5.6.2.8	Examine all accessible structural components including welds.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> Report any evidence of overloading, misuse or abuse Report any permanent deformation or cracks 			
5.6.2.9	Examine electrical components & wiring.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> Report broken or unstranded wires or cables Report damaged connectors, jumper wires, missing components or covers Verify presence of lockout/tagout provisions Confirm appropriate electrical component labeling Verify that all electrical lifts are provided with a separate, appropriately sized service Verify that all electrical lifts are provided with separate, appropriately sized overload protection, rated & set in accordance with local code requirements 			
5.6.2.10	Check the lift controls.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> Verify lift controls are accessible & provide an unobstructed view of the lift, report deficiencies Verify automatic return to neutral, or off, when released and report deficiencies 			
5.6.2.11	On lifts using runways, check to ensure proper operation of all features.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> Check proper operation of the automatic runway stops Check accessibility of manual runway chocks Check presence of fixed runway stops Check proper operation of the movable runway feature (if present) Check the security of the runways Check security of the turn tables and/or slipplates (if employed) Check the integrity of the anti-slip surface treatment (if used) 			
	On runway style lifts employing movable jacking or free wheel systems:			
	<ul style="list-style-type: none"> Check proper operation of the jack locating system as well as the support rails Verify capacity of any one rolling jack does not exceed capacity limitations set by manufacturer Verify if multiple jacks are used that the jacks & lift are labeled & instructions properly address aggregate capacity per ANSI/ALI ALCTV Verify minimum center to center distance of multiple jacks is not less than maximum center to center distance of runways unless covered in lift instructions The jack or jacks shall be separately inspected as if they were lifts Report any deficiencies of the above points 			
5.6.2.12	Check telescoping stops.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> Verify telescoping stops are functioning as intended Report improper function or excessive wear 			

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SAMPLE LIFT INSPECTION FORMS

5.6.2.13 On lifts requiring swing arm restraints, check for proper function.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Swing arm restraints shall be inspected by manually applying force to extended arm and confirm proper engagement & resistance ▪ Report improper function, excessive wear or damage 			
5.6.2.14 Check all fastening devices for tightness including floor anchor bolts (report deficiencies).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Check all fastening devices for tightness, torque value (if specified) & proper fit ▪ Check all swivel pins for excessive wear, elongation or hole deformation ▪ Check anchor bolts (if employed) in accordance with the recommendations of the anchor bolt manufacturer as provided by the lift manufacturer ▪ Check all guide rollers, bearing rollers & roller contact surfaces for wear or misalignment ▪ Check axles & rollers for free rotation & secure mounting 			
5.6.2.15 Check exposed surfaces & edges.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Report burrs, sharp edges or excessive corrosion 			
5.6.2.16 Operate the lift & check the operation of the positive stop & the lift locks.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Check the operation of the positive stop & the lift locks ▪ Check to see if the lift locks engage in the fully extended position ▪ On lifts employing continuous locking systems, check to ensure that the lift locks are operational & engage in all intended points ▪ Confirm proper operation of the lock release mechanisms & the lock reset devices ▪ Report improper function, excessive wear or damage 			
5.6.2.17 On lifts employing adapters, check condition & proper operation (report deficiencies).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ On lifts employing adapters that contact the vehicle frame, body or wheels, check for proper operation of the devices furnished ▪ Check threads, swivels & over-center stops along with surface treatments or pads ▪ Check adapter over-extension stops ▪ Check pads for wear & excessive contamination from oil, rust or dirt ▪ Check extenders/height adapters (if used) to ensure they meet manufacturers specifications ▪ Check extenders/height adapters (if used) that they are fully functional & properly labeled for application & capacity 			
5.6.2.18 With a representative vehicle on the lift, check the lowering speed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Check lowering speed of the lift from full rise to lift or tire touchdown ▪ Report lowering speed (Inches divided by seconds multiplied by 5) Lowering speed shall not exceed 20 feet per minute 	Record Lowering Speed	_____	fpm
5.6.2.19 Check all points requiring lubrication (use manufacturer guidelines whenever possible).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Check to ensure cleanliness & integrity of fittings & presence of lubricant ▪ Report points in need of lubrication & damaged or missing fittings 			
5.6.2.20 On lifts equipped with lateral synchronization or equalization systems, check the operation of the synchronization or equalization system.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Check the operation of the synchronization/equalization system by running the lift through its full excursion ▪ Report excessive lateral misalignment of the lifting contact points, which might impair safe operation 			

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ALOIM	Inspection Points - All Lifts (Appendix C, ALOIM:Current Edition) - Continued	Pass	Fail N/A

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5.6.2.21	On lifts incorporating working platforms, railings, & stairways, check the railings & walking surfaces.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> ▪ Check to ensure the railings & toe boards are in place & in good repair ▪ Check that the stair treads & other walking surfaces are free of debris or excessive oil & grease ▪ Check anti-slip features for functionality ▪ Report any deficiencies of the above points 			
5.6.2.22	On lifts incorporating overhead structures, verify the safety shutoff.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> ▪ Report improper operation of the up-over travel shutoff switch ▪ Shut off switches are not required for lifts that only have overhead hydraulic lines 			
5.6.2.23	Inspect all chains & wire ropes (use manufacturer guidelines whenever possible).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> ▪ Report excessive slack (possible sign of unusual stretch or wear) ▪ Inspect the end connections & report excessive corrosion, fatigue, excessive wear, connection hole elongation or deformation ▪ Check wire ropes <ul style="list-style-type: none"> ▪ Report deformation, kinks, unstranding or reduced diameter ▪ Report excessive corrosion or contamination ▪ Report broken, cut, bent or crushed wires ▪ Check chains <ul style="list-style-type: none"> ▪ Report excessive wear on links, pins or side plates ▪ Report deformed, bent, rusted or broken links ▪ Report presence of foreign materials 			
5.6.2.24	Check the tracking & level winding of wire ropes & chains.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> ▪ Check the tracking & level winding of wire ropes & chains upon drums & pulleys or sprockets ▪ Check for excessive wear on the bearing surfaces & on the edge guide surfaces ▪ Check for free rotation of pulleys & sprockets ▪ Report any deficiencies of the above points 			
5.6.2.25	Report unguarded pinch points.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> ▪ Report unguarded pinch points & report those that are unprotected by appropriate guards or instructions 			
5.6.2.26	Confirm single point operation of multiple powered posts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> ▪ Check multiple powered posts to confirm operation from only one position at a time and report deficiencies 			
5.6.2.27	Report water in sub-floor pits or enclosures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> ▪ Report water in sub-floor pits or enclosures 			
5.6.2.28	Check all accessories for construction & labeling.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> ▪ Check all accessories used on the lift for proper labeling to assure construction meets manufacturer specifications ▪ Check suitability for the application & certification for use with the specific lift 			

Inspector Initials	Date	Inspection #			
ALOIM	Hydraulic Lifts & Hydraulically Driven Mechanical Lifts (Appendix, D, ALOIM:Current Edition) Refer to sections 5.6.3 & 5.6.5 ALOIM:Current Editon for lifts covered under this section		Pass	Fail	N/A

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5.6.3.1 Check all accessible piping, tubing, hose, valves & fittings. Review lift oil consumption records.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Check the plunger, piston rod or ram element glands of the hydraulic cylinders for cracks & verify the manufacturer specified torque requirements (if any)			
▪ Report any hydraulic or air leaks			
▪ Report oil type. Record Oil Type: _____			
▪ Review lift oil consumption records			
5.6.3.2 Operate lift through full travel & observe.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Operate lift through full travel & observe if lift travels smoothly while raising & lowering			
▪ Inspect the plunger, piston rod or ram element of the hydraulic cylinder(s) & report gouges, scoring, corrosion, pitting, cracks or other blemishes			
▪ If the lift is equipped with an air exhaust valve, report the presence of oil mist when lowering			
5.6.3.3 With lift loaded, stop the load at midpoint of travel & observe.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ With lift loaded, stop the load at midpoint of travel & report slow downward drift			
▪ Check the plunger oil seal & report leakage of oil or air			
5.6.3.4 Check with operator to ascertain any unusual operating characteristics.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Check with the operator & report if lift slowly rises over night when not in use			
▪ Check with the operator & report if there has been any problem in lifting the rated load capacity			
5.6.3.5 On lifts which incorporate floor/trench covers, verify the proper operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Improper operation or missing covers shall be reported			
5.6.3.6 On air-oil lifts check for low oil control.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Report the absence of the low oil control or shut off device			
▪ Report absence of controlled access to air-oil tank			
5.6.3.7 Confirm cylinder venting provisions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Confirm cylinder has means to vent trapped air			
▪ Record venting provisions type (manual or self-bleeding) Record Venting Type: _____			
5.6.3.8 Confirm rotation prevention device on single post lifts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Confirm presence of non-rotating device			
5.6.3.9 On lifts utilizing pumping units, confirm adequacy of oil level at fully raised position.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Confirm adequacy of oil level at fully raised position			
▪ Report pump cavitation, oil foaming or oil contamination			
5.6.3.10 Check integrity of tamper resistant seals on relief valves.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▪ Verify presence of relief valve			
▪ Verify relief valve has means to indicate tampering			
▪ Verify that the tamper resistant seals have not been broken or tampered with (Report broken seals or evidence of tampering)			

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ALOIM	Mechanical lifts & Hydraulically Driven Mechanical Lifts (Appendix, E, ALOIM:Current Edition) Refer to sections 5.6.4 & 5.6.5 ALOIM:Current Edition for lifts covered under this section			Pass	Fail	N/A
5.6.4.1	Check for the presence of slack suspension wire rope or slack suspension chain sensing system.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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<ul style="list-style-type: none">▪ Report absence of such system			
5.6.4.2 Check the operation of screw drive systems. Check for proper lubrication.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Report excessive wear on the main load nuts by following manufacturers recommended inspection procedures▪ Check & report deficient lubrication be it either manual or automatic▪ Report excessive wear & the presence of metal filings or particles in lubricant			
5.6.4.3 Check screw drive systems for proper operation of the follower or safety nut.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Check for proper operation of the follower or safety nut▪ Ensure that the electrical shutoff switch is operative (if included) or check for the presence & proper operation of any other drive nut failure warning device▪ Refer to manufacturer's recommended procedures & report any deficiencies observed			
5.6.4.4 Run the lift through its full cycle & check for shutoff at top & bottom of travel. Check the operation of multiple screw systems.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Run the lift through full cycle & check for shutoff at top & bottom of travel▪ Observe the operation of the synchronization of multiple screw systems whether it be mechanical or electrical▪ Check operation of the device which provides for shutdown in the event of malfunction of any of the screw systems (see manufactures guidelines)▪ Report any deficiencies observed of the above points			
5.6.4.5 On mobile wheel engaging lifts, check the mobility of the individual units.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Check the mobility of the individual units▪ Confirm the units cannot be moved when loaded			
ALOIM Pneumatic Lifts (Appendix F, ALOIM:Current Edition) Refer to section 5.6.6 ALOIM:Current Edition for lifts covered under this section	Pass	Fail	N/A
5.6.6.1 Check all accessible piping, tubing, cylinders, air bags, bellows, hose, valves & fittings for leaks.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Report any air leaks			
5.6.6.2 With lift loaded, stop the load at midpoint of travel & observe.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Report slow downward drift			
5.6.6.3 Check with operator to ascertain any unusual operating characteristics.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Report if lift slowly rises over night when not in use▪ Report if there has been any trouble in lifting the rated load capacity			
5.6.6.4 Confirm presence of pressure regulator in supply line.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Report absence of pressure regulator in supply line			
5.6.6.5 Inspect air bag or bellows for damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none">▪ Report damage due to weld sparks, grinding particles, cuts and abrasions			

Maintain this inspection form on or near the lift with the inspection certificate & other printed material or records pertaining to the lift

_____ Lift Inspector Signature

_____ Inspection #

_____ Date

_____ Printed Name

_____ ALI Inspector ID #