

LGMG Multi-Point Lift Inspection (MLI) – Boom Lift



Serial Number:

Model:

Hour-meter:

Date:

Inspector Name:

■ Good Quality

■ Potential Later

■ Unacceptable

** The Owner must perform an Annual Machine Inspection of this machine no later than 13 months from the date of the prior Annual Machine Inspection. This Annual Machine Inspection is to be performed by a mechanic qualified on the specific make and model of MEWP. **

Platform Assembly	Power System	Manuals & Decals
Platform installed & secure. Mounting hardware free of damage & secure. Gate opens & latches properly.	Engine idle, throttle & RPM set properly.	All ANSI Manual of Responsibilities inside manual box.
Platform guardrails & floor in place, secure and undamaged.	Battery fluid levels correct	Operator's & Safety Manual in manual storage box.
Lanyard anchorage points secure, undamaged & labeled.	Air & fuel filter clean.	AEM Handbook in manual box.
Boom Assembly	Fuel, coolant and engine oil level correct.	Capacity decals in place, secure & legible at both ground & platform stations.
Boom sections.	Fuel cap tight & vent open.	All safety & instructional decals installed, secure & legible.
Inspect all wear pads with hardware, boom covers & shields.	Exhaust system free of leaks.	
Inspect boom chains/cables, sheaves, sheave pins & bearings.		
Power track is free of damage, distortion & excessive wear. Cables/hoses are properly routed, no chafing or leaks.		
Inspect all pins and attaching hardware.		
Chassis	Hydraulic/Electrical System	General
Wheel rims nuts torqued	All cylinders free of damage, no evidence of leaks.	Lift is free of unauthorized modifications or additions.
Check tires for proper inflation, damage, and wear.	All areas around hydraulic components (pumps, oil lines, reservoir) free of oil, no evidence of leaks.	Paint and overall appearance.
Outrigger/extendable axles operation and interlocks functions.	Hydraulic filter clean.	Applicable Safety Bulletins completed.
Check torque hubs for proper fluid level.	Hydraulic filter clean.	Inspect general structural condition including all welds.
Turntable	Hydraulic level in tank correct.	Comments:
Hood doors open & latch.	Hydraulic tank cap tight & vent open.	
Turntable bearings, swing drive & gear secure and undamaged, properly lubricated. No missing bearing bolts or signs of looseness	All hydraulic fittings & lines secure, free of damage, chafing & leaks.	
Turntable lock secure, undamaged & operates properly.	All electrical connections tight, no corrosion or abrasions.	
	Pumps & motor secure, undamaged & free of leaks.	