

In Compliance with LOLER 1998, BS 7121 & PUWER

This list is not exhaustive

	SILVER LOLER Inspection	GOLD In-Service Inspection (Inc LOLER)	PLATINUM In-Service Inspection (Inc LOLER)
MECHANICAL			
Visual inspection of all mechanical parts; wire ropes, chains, rope terminations/anchor points, pins and retaining devices, sheaves, axles, couplings and brakes	✓	✓	✓
Check the functional effectiveness of the braking system and that it is suitable for the application. This may require confirmation from the crane operator	✓	✓	✓
Carry out visual inspection of hooks, safety catches and other load lifting equipment attachments for damage, free movement or wear and visual inspection of the hook shank thread and securing nut for undue movement, which might indicate wear or corrosion	✓	✓	✓
Gearboxes; open inspection where possible (fully enclosed units are not covered)	-	✓	✓
Brake adjustments; Note when seized to free off if possible within the allowable time limits	-	✓	✓
Brake lining measurements and monitoring between services	-	Hoist Only	✓
Jack up crane and check wheel bearings or bushes on Cross Travel and Long Travel	-	-	✓
Measure Cross Travel and Long Travel wheels for wear; where possible	-	-	✓
Endoscope Camera inspection where possible inside all gearboxes	-	-	✓
Remove motors to inspect gears when enclosed and cannot check	-	-	Ask For More Details
LUBRICATION			
Check whether all moving parts are adequately lubricated with an appropriate lubricant	✓	✓	✓
Lubricate all grease points. Apply Open Grease lubricant spray to open pinion gears and load ropes/chains	-	✓	✓
Oil level refills (max 5 litres per crane)	-	-	✓
STRUCTURAL			
Visual inspection of crane structure for damage, for example cracked welds and loose bolts and other fasteners	✓	✓	✓
Carry out visual inspection of rails and end stops	✓	✓	✓
Check the presence and condition of all guards	✓	✓	✓
Ensure main securing bolts are secure and to the correct torque settings	-	-	✓
ELECTRICAL			
Check whether all controls are clearly marked and operate correctly	✓	✓	✓
Visual inspection of all panel electrical equipment and connections	✓	✓	✓
Operate the crane through all its motions whilst checking for any unusual noises or erratic movement during operation. Also ensuring all limit switches function correctly	✓	✓	✓
Carry out visual inspection of any load limiters	✓	✓	✓
Check the operation of all motion limiting devices, anti-collision devices and emergency stops	✓	✓	✓
Contactors; clean contacts, tip inspection (where possible)	-	✓	✓
Check electrical connections	-	-	✓
Barrel controllers; adjust tips, lubricate contacts, tip inspection	-	-	✓
Insulation/resistance test to all main function wiring	-	-	✓
Resistance banks; insulation test	-	-	✓
Motors; insulation and balance test (resistance)	-	-	Ask For More Details
REPORTING			
Inspection report brief - Event Summary	✓	✓	✓
Detailed report including pictures and recommended actions - Observation Report	✓	✓	✓
Read only Live reporting on-line account	P.O.A	✓	✓
Breakdown monitoring through Live Reporting Software	P.O.A	✓	✓
Reliability survey on critical parts	-	-	✓
REPAIRS DURING SERVICE			
Repair all minor parts that could cause a potential breakdown - only to be charged time spent on job and materials used	As Per Request	As Per Request	As Per Request
OPTIONAL EXTRA SERVICES			
Oil analysis		Ask For More Details	
Gantry survey		Ask For More Details	
DC Cranes we have special servicing plans		Ask For More Details	
Live reporting software for clients assets		Ask For More Details	
LOLER 1998 Lifting Equipment Inspections		Ask For More Details	
LEGAL INFORMATION KEY NOTES; are you aware that you are responsible to have the following inspection in place:			
1	Pre - Use Checks	Pre-use checks should be carried out at the start of each shift. Required under LOLER 1998 & BS7121	
2	LOLER 1998 Inspection - Cranes	Report Of Thorough Inspection; LOLER 1998 Regulation 9 requires cranes and supporting structures to be examined in the following circumstances: Periodically whilst in service, at maximum intervals of 6 months for cranes that lift people and 12 months for cranes that lift goods only, LOLER Regulation 9(3)(a)(i) and (ii)	
3	LOLER 1998 Inspection - An Accessory for lifting i.e. chains / slings etc	Report Of Thorough Inspection; periodically whilst in service, at maximum intervals of 6 months for, LOLER Regulation 9(3)(a)(i)	
4	In-Service Inspections	In-service inspections and maintenance are carried out to ensure that components are repaired or replaced before they deteriorate to a point at which they could become unsafe. Planned preventive maintenance should be carried out in accordance with the manufacturer's instructions in compliance with LOLER 1998 section 9, 330 - 352, BS7121 section 6.3 and PUWER section 5	