

Excavator Inspection Checklist

Excavator Inspection Checklist		
Company Name:	Date:	
Operator Name:	Site:	
Machine Number:		
Check Type (please circle)	Pre-Start	Post-Operational

Component	What to Check for	✓	Comments
External Check			
Tyres or tracks.	Inflation, pressure, tension, damage, covers.		
Bucket.	Wear, damage, cracks, leaks.		
Bucket linkage and cylinder.	Excessive wear, damage, cracks, leaks.		
Stick, cylinders.	Damage, wear, cracks, grease, loose parts.		
Underneath machine.	Leaks, loose parts, damage.		
Frame, steps, handholds.	Condition, damage, Clean.		
Hydraulic cylinders, tubes, hoses, fittings.	Damage, leaks.		
Covers and guards.	Damage, wear, secured.		
Windows, wipers, mirrors.	Clean, damage, fluid levels.		
Decals and signage.	Readability, wear.		
Load capacity plate.	Damage, wear, visible.		
Overall machine.	Loose or missing parts, damage, wear, missing guards and safety devices.		Out of Service Tag Attached? Yes / No
Engine Check			
Fluids.	Engine oil, hydraulic oil, transmission oil, coolant, engine pre-cleaner, brake fluid.		
Batteries.	Cleanliness, loose nuts/bolts.		
Air filter.	Damage, dirt build up, indicators.		
Radiator.	Damage, leaks, dirt build up, blockages.		
Hoses.	Leaks, wear, damage.		
Belts.	Tightness, wear, cracks.		
Overall engine.	Damage, dirt build up, leaks.		Out of Service Tag Attached? Yes / No

Internal/Cabin Check		
Levers, controls, gauges.	Damage, cleanliness, labels, working.	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
ROPS.	Damage, cracks, wear.	
Floor plates.	Clear and free of oil/grease.	
Seat and seat belts.	Adjustment, damage, wear.	
Fire extinguisher.	Damage and charge.	
Logbook, running sheet, vehicle history, service sheets.	Present and correct.	
Mirrors.	Adjusted, clean, visible.	
Overall cabin interior.	Clean, damage, missing parts.	
Operational Checks		
Master and isolation switches, start switch/ key.	Present, functioning, damage.	<hr/>
Joy sticks or levers.	Functioning, damage, wear.	
Accelerator, brakes, emergency stopping device.	Working, damage, wear, dirt build up on pedals.	
Bucket.	Movements – smooth / jerky.	
Air-conditioning, radio, two-way radios, lights, horn.	Functioning, damage, wear.	
Windscreen wipers, washers.	Functioning, damage, wear.	
Gauges.	Oil pressure, fuel level, engine temperature, hydraulics, speedometer.	
Gear change buttons / quick shift arrangements.	Functioning, damage, wear.	
Start-up alarms.	Functioning, visible.	
GPS, auto levelling controls.	Working, visible, accurate, damage, wear.	
Action Taken to Repair Excavator:		
Name:		Date of Repair:
Return to Service Authority by Supervisor		
Comments:		
Supervisor Name:	Signature:	Date: