



Heavy Equipment Maintenance & Inspection Checklist 2026

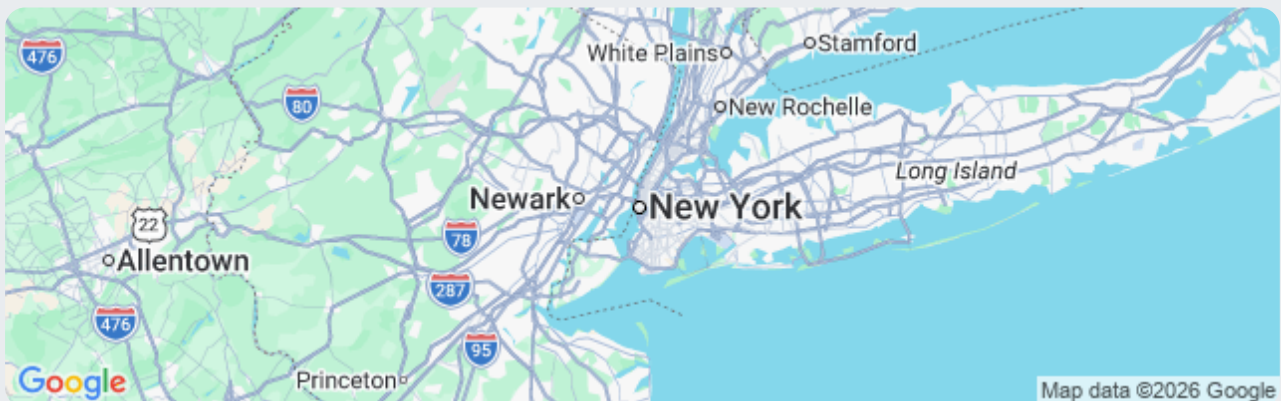
Pre-Operational Visual Inspection

Comprehensive check of external components, including leaks, structural integrity, and visible wear on all heavy machinery components.

Inspection Date

Jobsite Location

 [Set My Current Location](#)



Equipment ID/Unit Number

- ☐ Unit 001
- ☐ Unit 002
- ☐ Unit 003

Visible Damage Detected

- ☐ Structural Cracks
- ☐ Hydraulic Leaks
- ☐ Loose Bolts/Fasteners
- ☐ Surface Corrosion
- ☐ None

Detailed Observations of External Condition

Write something...

Photo Evidence of Inspection

 Upload File

Inspector Signature

Fluid Levels and Lubrication Check

Verification of engine oil, hydraulic fluid, coolant, transmission fluid, and grease points to ensure optimal lubrication and cooling.

Engine Oil Level Status

- ☐ Normal
- ☐ Low
- ☐ Requires Immediate Top-up

Hydraulic Fluid Level

- ☐ Adequate
- ☐ Low
- ☐ Leaking

Coolant Level & Condition

- ☐ Pass
- ☐ Fail

Grease Points Lubricated Count

Enter a number...

Notes on Fluid Contamination or Discoloration

Write something...

Last Fluid Change Date

Enter date...

Hydraulic System & Hose Integrity

Detailed assessment of hydraulic cylinders, hoses, fittings, and pressure levels to prevent leaks or catastrophic pressure loss.

Hydraulic Fluid Level Status

- ☐ Adequate
- ☐ Low
- ☐ Critical/Requires Immediate Refill

Identified Leak Locations

- ☐ Main Hydraulic Pump
- ☐ Control Valve Block
- ☐ Cylinder Rod/Seal
- ☐ Hose Connections/Fittings
- ☐ Hydraulic Reservoir

Hose Condition Observations

Write something...

Measured Hydraulic Pressure (PSI)

Enter a number...

Photo Evidence of Leak or Damage

 Upload File

Required Repairs or Immediate Actions Needed

Write something...

Tires, Tracks, and Undercarriage Inspection

Examination of tire pressure, tread depth, track tension, roller condition, and drive sprocket integrity.

Tire/Track Condition Status

- ☐ Good
- ☐ Fair - Monitor Closely
- ☐ Poor - Requires Immediate Attention
- ☐ Critical - Out of Service

Tire Pressure (PSI) or Track Tension (mm)

Enter a number...

Observed Issues

- ☐ Uneven Wear
- ☐ Cracks or Cuts
- ☐ Loose Bolts/Lug Nuts
- ☐ Debris in Tracks
- ☐ Low Pressure/Tension

Detailed Damage Description

Write something...

Photo Evidence of Wear/Damage

 Upload File

Inspector Verification

Control Systems & Instrumentation

Testing of all cabin controls, gauges, dashboard warning lights, sensors, and emergency stop functions.

Dashboard Warning Lights Status

- ☐ All systems operational
- ☐ Active warning lights detected
- ☐ Critical failure light active

Hydraulic Pressure Gauge Reading

- ☐ Within normal operating range
- ☐ Low pressure detected
- ☐ High pressure detected

Engine Hour Meter Reading

Enter a number...

Functional Control Check

- ☐ Throttle Response
- ☐ Brake Pedal Sensitivity
- ☐ Hydraulic Lever Smoothness
- ☐ Horn & Backup Alarm
- ☐ Wiper & Washer Function

Instrument Defect Details

Write something...

Operator Verification Signature

Braking and Steering Functionality

Verification of service brakes, parking brakes, and steering responsiveness to ensure safe maneuvering on job sites.

Service Brake Functionality

- ☐ Pass
- ☐ Fail
- ☐ Requires Immediate Repair

Parking Brake Engagement

- ☐ Secure
- ☐ Loose/Slipping
- ☐ Non-functional

Steering Responsiveness

- ☐ Smooth & Responsive
- ☐ Excessive Play/Lag
- ☐ Hard to Maneuver

Steering or Braking Deficiencies Noted

Write something...

Inspector Authorization

Electrical System & Battery Health

Inspection of battery terminals, wiring harnesses, lighting systems, and alternator output/charging capability.

Battery Terminal Condition

- ☐ Clean and Secure
- ☐ Corrosion Detected
- ☐ Loose Connection
- ☐ Requires Maintenance

Battery Voltage Reading (V)

Enter a number...

Alternator Charging Functionality

- ☐ Operational
- ☐ Intermittent Failure
- ☐ Non-Operational

Lighting System Check

- ☐ Headlights
- ☐ Work Lights
- ☐ Hazard/Beacon Lights
- ☐ Turn Signals
- ☐ Tail/Brake Lights

Wiring & Harness Observations

Write something...

Photo of Battery/Electrical Setup

 Upload File

Attachment & Implement Safety

Inspection of buckets, blades, augers, or other attachments for secure connection, wear, and structural stability.

Attachment Type

- ☐ Bucket
- ☐ Auger
- ☐ Hydraulic Breaker
- ☐ Grapple
- ☐ Blade
- ☐ Other

Connection Pin & Locking Mechanism Status

- ☐ Secure/Locked
- ☐ Requires Attention
- ☐ Unsafe/Broken

Inspection Points Checked

- ☐ Hydraulic Couplers
- ☐ Structural Welds
- ☐ Teeth/Cutting Edges
- ☐ Hose Connections

Damage or Wear Observations

Write something...

Upload Attachment Photos

 Upload File

Inspector Verification

Safety Decals & Operator Access

Ensuring all safety warning decals are legible and that steps, handrails, and mirrors are clean and functional.

Safety Decal Condition

- ☐ All decals are legible and intact
- ☐ Warning signs are missing or damaged
- ☐ Instructional stickers are faded
- ☐ Hazard labels are peeling

Access Point Integrity

- ☐ Steps and Handrails Secure
- ☐ Handrails Loose or Damaged
- ☐ Steps/Ladders Dirty/Slippery

Identified Missing Decals

Write something...

Notes on Operator Access Issues

Write something...

Photo Evidence of Safety Decals

 Upload File

Inspector Verification

Post-Service Maintenance Log

Documentation of completed repairs, parts replaced, and next scheduled service intervals for 2026 compliance.

Date of Service Completion

Enter date...

Service Technician Name

Write something...

Type of Service Performed

- ☐ Routine Maintenance
- ☐ Emergency Repair
- ☐ Parts Replacement
- ☐ Annual Safety Inspection
- ☐ Fluid Flush/Change

Detailed Description of Work Performed

Write something...

Engine Hours at Time of Service

Enter a number...

Upload Service Invoice or Parts Receipt

 Upload File

Technician Signature

< Previous

> Next

✓ Finish

 Generate Sample Report