



Crane Lifting & Rigging Safety Inspection Checklist 2026

Pre-Operation Personnel Verification

Verification of operator certifications, rigger qualifications, and-daily safety briefings for all lifting personnel.

Inspection Date

Operator Signature

Operator Certification Status

- ☐ Certified & Valid
- ☐ Expired/Invalid
- ☐ Not Verified

Personnel Present for Safety Briefing

- ☐ Crane Operator
- ☐ Rigger
- ☐ Signal Person
- ☐ Site Supervisor

Upload Operator License/Certification

 Upload File

Notes on Personnel Competency or Training Gaps

Write something...

Crane Structural & Mechanical Inspection

Comprehensive check of the crane chassis, boom, jib, and hydraulic systems for leaks, cracks, or mechanical failures.

Inspection Date

Enter date...

Crane Model/ID Number

- ☐ Mobile Crane - Unit A
- ☐ Mobile Crane - Unit B
- ☐ Tower Crane - Unit C

Boom Condition

- ☐ Pass
- ☐ Fail
- ☐ Requires Maintenance

Hydraulic System Integrity (Leaks/Pressure)

- ☐ No Leaks Detected
- ☐ Minor Seepage
- ☐ Active Leak Detected

Detailed Observations of Structural Cracks or Wear

Write something...

Upload Photos of Structural Components

 Upload File

Inspector Signature

Wire Rope & Hoist Mechanism Audit

Detailed inspection of wire ropes, sheaves, hooks, and hoist drums for wear, kinking, or structural degradation.

Inspection Date

Enter date...

Wire Rope Condition

- ☐ Excellent
- ☐ Good (Monitor)
- ☐ Fair (Repair Required)
- ☐ Critical (Remove from Service)

Detected Defects

- ☐ Broken Wires
- ☐ Corrosion/Rust
- ☐ Kinks or Bird Caging
- ☐ Crushing/Abrasion
- ☐ None

Measured Wire Rope Diameter (mm/in)

Enter a number...

Detailed Observations of Hoist Mechanism

Write something...

Photos of Wire Rope/Hook Condition

 Upload File

Inspector Signature



Rigging Hardware & Slings Assessment

Detailed examination of slings (webbing, wire rope, chain), shackles, eye bolts, and spreader bars for damage or deformation.

Rigging Hardware Type

- ☐ Wire Rope Slings
- ☐ Synthetic Web Slings
- ☐ Chain Slings
- ☐ Shackles & Eye Bolts
- ☐ Spreader Bars

Condition of Slings/Hardware

- ☐ Pass (Safe for Use)
- ☐ Fail (Remove from Service)
- ☐ Requires Maintenance

Damage Observations

Write something...

Last Certification Date

Enter date...

Photo Evidence of Damage



Upload File

Inspector Verification

Outriggers & Ground Stability Check

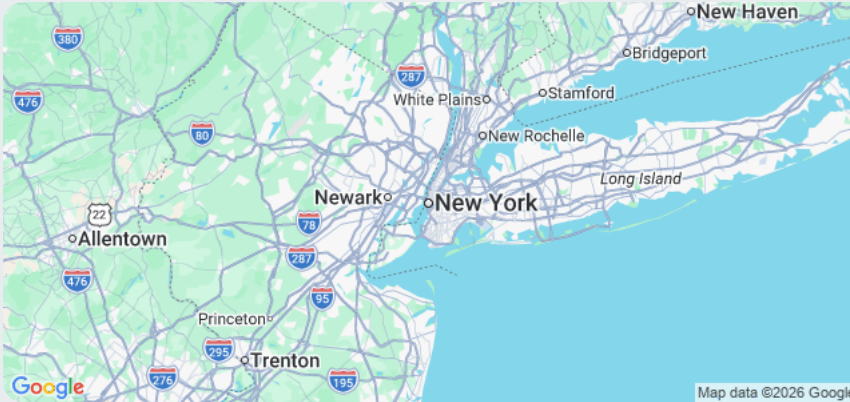
Verification of outriggers, stabilizers, and ground pad stability to prevent tipping or soil subsidence.

Inspection Date

Enter date...

Crane Deployment Site/Zone

 **Set My Current Location**



Outrigger Fully Extended?

- ☐ Yes
- ☐ No

Ground Surface Condition

- ☐ Stable/Compacted
- ☐ Soft/Unstable
- ☐ Requires Mats/Timber

Measured Soil Bearing Capacity (kPa/PSI)

Enter a number...

Support Accessories Used

- ☐ Steel Plates
- ☐ Timber Mats
- ☐ Concrete Pads
- ☐ None

Ground Condition Observations & Remediation Notes

Write something...

Inspector Signature

Load Limit & Safety Device Calibration

Testing of Load Moment Indicators (LMI), anti-two block devices, and emergency stop mechanisms.

Load Moment Indicator (LMI) Status

- ☐ Operational/Calibrated
- ☐ Malfunctioning/Requires Repair
- ☐ Not Present/Not Installed

Anti-Two Block Device Functionality

- ☐ Pass
- ☐ Fail

Last Calibration Date (Days Ago)

Enter a number...

Discrepancies or Error Code Logs

Write something...

Calibration Certificate Upload

 Upload File

Safety Officer Verification

Communication & Signaling Protocol

Validation of radio frequency clarity, hand signal standardization, and signal person visibility.

Signal Person Designation

- ☐ Designated Signal Person Identified
- ☐ Secondary/Backup Signal Person Assigned

Primary Communication Method

- ☐ Two-Way Radio
- ☐ Standard Hand Signals
- ☐ Voice Commands/Verbal

Communication Equipment Pre-Use Check

- ☐ Radio Battery Levels Verified
- ☐ Radio Frequency/Channel Confirmed
- ☐ Hand Signal Visibility (High-Vis Vest/Gloves)
- ☐ Clear Line-of-Sight Confirmed

Emergency Communication Plan Notes

Write something...

Operator & Signal Person Acknowledgment

Environmental & Site Condition Review

Assessment of wind speeds, lightning proximity, and overhead power line clearance at the lifting zone.

Inspection Date

Enter date...

Current Wind Speed (km/h or mph)

Enter a number...

Weather Condition

- ☐ Clear/Sunny
- ☐ Cloudy
- ☐ Rain/Drizzle
- ☐ Heavy Rain
- ☐ Fog/Low Visibility
- ☐ High Winds

Overhead Power Line Clearance Status

- ☐ Safe Distance Maintained
- ☐ Warning Required
- ☐ Hazard Detected - Stop Work

Site Environmental Hazards Identified

- ☐ Lightning Threat
- ☐ Unstable Ground/Mud
- ☐ Dust/Low Visibility
- ☐ Extreme Heat/Cold
- ☐ None

Environmental Risk Mitigation Notes

Write something...

Site Weather/Condition Photos

 Upload File

Safety Officer Acknowledgment

Post-Lift Equipment Decommissioning

Procedures for securing the crane, stowing the boom, and securing all lifting tackle after daily operations.

Decommissioning Completion Date

Enter date...

Time of Equipment Securement

Enter time...

Crane Boom Position Status

- ☐ Fully Retracted
- ☐ Stowed for Transport
- ☐ Secured in Parking Position

Completed Securing Tasks

- ☐ Hydraulic Levers Locked
- ☐ Swing Brake Engaged
- ☐ Rigging Hardware Returned to Storage
- ☐ Controls Powered Down
- ☐ Site Perimeter Secured

Post-Operation Anomalies or Damage Report

Write something...

Operator/Supervisor Final Sign-off

< Previous

> Next

✓ Finish

🔗 Generate Sample Report