

Crane Pre-Use Inspection

Use a mobile app from Fulcrum to complete inspections of all mobile cranes before each crane operation to ensure proper function of the equipment and to eliminate any safety hazards. Find the digital version of this form and more at <https://www.fulcrumapp.com/apps/crane-pre-use-inspection-checklist>.

General

Operator _____

Crane Number _____

Project Location Street Address _____

City, State, Zip _____

Model _____

Signature _____

Date _____ / _____ / _____

Time _____ : _____ AM / PM

Visual Inspection

- ▶ **Engine fluid level correct.** Check dip stick or sight glass
 Pass Fail N/A

- ▶ **Hydraulic fluid level correct**
 Pass Fail N/A

- ▶ **Hydraulic system exhibits no apparent weeping or leaks**
 Pass Fail N/A

- ▶ **Air system exhibits no audible leaks**
 Pass Fail N/A

- ▶ **Tire pressure acceptable and tire not damaged**
 Pass Fail N/A

- ▶ **Telescoping boom exhibits no damage to structure, wear pads, boom stops, or cylinder**
 Pass Fail N/A
 - ▶ **Wire rope free of dirt, excess lube, kinks, and wires and spooled correctly**
 Pass Fail N/A
 - ▶ **Reeving correct**
 Pass Fail N/A
 - ▶ **Wedge sockets and wire rope clips not distorted, cracked, or missing**
 Pass Fail N/A
 - ▶ **Block not damaged**
 Pass Fail N/A
 - ▶ **Ball and hook is free to swivel and rotate**
 Pass Fail N/A
 - ▶ **Guards are in place**
 Pass Fail N/A
 - ▶ **Outrigger float(s) secured with pad pin**
 Pass Fail
-

Cab

- ▶ **Handrails in place and not damaged**
 Pass Fail N/A
 - ▶ **Operator's manual in vehicle**
 Pass Fail N/A
 - ▶ **Load chart legible and visible to operator**
 Pass Fail N/A
 - ▶ **Hand signal chart visible to workers**
 Pass Fail N/A
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- ▶ **Charged fire extinguisher in place**
 Pass Fail N/A
 - ▶ **Cab glass not cracked and wipers are functional**
 Pass Fail N/A
-

Gauges and Indicators

- ▶ **Load moment indicator operational**
 Pass Fail N/A
 - ▶ **Drum rotation indicator functioning**
 Pass Fail N/A
 - ▶ **Boom length indicator functioning**
 Pass Fail N/A
 - ▶ **Boom angle indicator functioning**
 Pass Fail N/A
 - ▶ **Engine: hydraulic, air, electrical, oil pressure, temperature, and fuel Wire rope free of dirt, excess lube, kinks, and wires and spooled correctly**
 Pass Fail N/A
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Operational Inspection

- ▶ **Correct counterweight for the load**
 Pass Fail N/A
 - ▶ **Main hoist control functioning**
 Pass Fail N/A
 - ▶ **Auxiliary hoist control functioning**
 Pass Fail N/A
 - ▶ **Anti-two block in place and functioning**
 Pass Fail N/A
-

▶ **Swing brake**

Pass Fail N/A

▶ **Lights and horns functional**

Pass Fail N/A



Fulcrum is a mobile app creation platform that lets you digitize checklists like this easily — and automate related workflows! — without writing any code.

Check us out at fulcrumapp.com/checklists