

Hoisting and Rigging: Mobile Crane Pre-use Inspection Form

The operator completes inspection before beginning work, keeps the form on the crane during work, and forwards to the equipment custodian once work is completed.

IMPORTANT: Operator makes a service request if any item fails inspection.

Project:



| Visual Inspection | Pass | Fail | N/A |
|--|------|------|-----|
| Engine fluid level correct (check dip stick or sight glass) | | | |
| Hydraulic fluid level correct (check dip stick or sight glass) | | | |
| Hydraulic system exhibits no apparent weeping or leaks | | | |
| Air System exhibits no audible leaks | | | |
| Tire pressure acceptable and tire not damaged | | | |
| Telescoping boom exhibits no damage to structure, wear pads, boom stops, or cylinder | | | |
| Wire rope free of dirt, excess lube, kinks, and wires and spooled correctly | | | |
| Reeving correct | | | |
| Wedge sockets and wire rope clips not distorted, cracked, or missing | | | |
| Block not damaged | | | |
| Ball and hook is free to swivel and rotate | | | |
| Guards are in place | | | |
| Outrigger float(s) secured with pad pin | | | |
| Cab | | | |
| Handrails in place and not damaged | | | |
| Operator's manual in vehicle | | | |
| Load chart legible and visible to operator | | | |
| Hand signal chart visible to workers | | | |
| Charged fire extinguisher in place | | | |
| Cab glass not cracked and wipers are functional | | | |

| Gauges and Indicators | Pass | Fail | N/A |
|---|------|------|-----|
| Load moment indicator operational | | | |
| Drum rotation indicator functioning | | | |
| Boom length indicator functioning | | | |
| Boom angle indicator functioning | | | |
| Engine: hydraulic, air, electrical, oil pressure, temperature, and fuel | | | |
| Operational Inspection | | | |
| Correct counterweight for the load | | | |
| Main hoist control functioning | | | |
| Auxiliary hoist control functioning | | | |
| Anti-two block in place and functioning | | | |
| Swing brake | | | |
| Lights and horns functional | | | |

Operator:

Crane Number:

Signature:

Model:

Date:

Comments: _____