

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.

Operator:

Crane number:

Model:

Signature:

Date:

Visual Inspection

Pass Fail N/A

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			

Pass Fail N/A

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			

URL: <http://www-group.slac.stanford.edu/esh/eshmanual/references/hoistingFormMobile.pdf>

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Department: Field Safety and Building Inspection Office

Program: Hoisting and Rigging

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