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MOBILE & CONSTRUCTION CRANE

Pre-Shift / Daily Inspection Checklist — OSHA 29 CFR 1926.1412 / 1926.1413 · ASME B30.5 · NCCCO-CERTIFIED

For mobile and construction cranes — rough-terrain, all-terrain, truck-mounted, crawler, boom-truck, and carry-deck.

Crane / Unit ID:	Make / Model:	Date:	Inspector:

Pre-Shift / Daily Inspection Checklist

Competent person (often the operator), before or during each shift — OSHA 1926.1412(d). A quick visual and functional check.

CONTROLS, BRAKES & SAFETY DEVICES

- ☐ Control mechanisms — no maladjustment or excessive wear
- ☐ Service and holding brakes (hoist, swing, travel)
- ☐ Anti-two-block (ATB) and load-moment indicator (LMI)
- ☐ Boom-angle / length indicators and limit switches
- ☐ Horn, backup alarm, lights, and gauges

WIRE ROPE, HOOK & LOAD PATH

- ☐ Wire rope for obvious damage, kinks, or broken wires
- ☐ Rope spooling evenly on the drum
- ☐ Hook, latch, and load block — cracks, wear, latch closes

POWERTRAIN, HYDRAULICS & GROUND

- ☐ Air, hydraulic, and fuel lines for leaks; fluid levels
- ☐ Engine, cooling, and warning lights
- ☐ Tires / tracks and outrigger pads
- ☐ Ground and supporting surface under the setup

SETUP (BEFORE THE LIFT)

- ☐ Outriggers fully extended or set per the load chart; crane level
- ☐ Power-line clearance to the OSHA 1926.1408 minimum
- ☐ Correct load chart for the actual configuration

DOCUMENTS IN THE CAB

- ☐ Load chart present and legible
- ☐ Crane log up to date
- ☐ Last annual inspection on file

Deficiencies found / corrective action

Inspector signature

Date

Disclaimer. This checklist is a free educational field aid, not professional or legal advice. It does not replace the documented inspection by a qualified person that OSHA and ASME require, and it does not cover every condition on every machine — always follow the manufacturer's manual and the current OSHA / ASME standards. Use at your own risk; 3P Safety Inspections assumes no liability for its use. Take any crane with a safety defect out of service until a qualified person clears it.

Need a documented, qualified-person inspection? 3P Safety Inspections is an independent, third-party firm — we do not sell or rent cranes. NCCCO-certified inspectors · all 50 states · 24–72 hr scheduling · photo-documented reports. **(252) 274-0583 · 3psafetyinspections.com**

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