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MOBILE & CONSTRUCTION CRANE

Monthly Documented 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:

Monthly Documented Inspection Checklist

Competent person — OSHA 1926.1412(e). Sign and date; keep the record at least 3 months.

ROPE, RIGGING & HOOK

- ☐ Wire rope along its full length, including drum wraps
- ☐ Rope at the hook block, equalizer, and drum anchor
- ☐ Hook measured for throat opening and wear

BRAKES, DRIVE & SWING

- ☐ Hoist, swing, and travel brakes hold and release
- ☐ Swing gear / bearing for play; clutches and drum locks

HYDRAULICS & STRUCTURE

- ☐ Cylinders, valves, and lines for leaks
- ☐ Outrigger beams and pads
- ☐ Cracks at high-stress welds and pins

RECORD

- ☐ Date, crane ID, and inspector name
- ☐ Findings and any item pulled from service
- ☐ Signature on file

Wire-Rope Removal Criteria — OSHA 1926.1413 / ASME B30.30

Wire-Rope Condition	Running Rope	Standing / Pendant
Broken wires, randomly distributed	6 in one lay, or 3 in one strand	3 in one lay
Broken wire at an end connection	Remove or re-socket	1 or more — remove
Diameter loss, corrosion, heat	Past maker / ASME limit	Past maker / ASME limit
Kinking, crushing, birdcaging	Remove	Remove

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**