3P SAFETY
Driving the industry to a safer tomorrow.
309 N William St, Goldsboro, NC 27530 • (252) 274-0583 • contact@3psafety.net

MOBILE & CONSTRUCTION CRANE

Annual / Comprehensive 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:

Annual / Comprehensive Inspection Checklist

Qualified person, at least every 12 months — OSHA 1926.1412(f). Full written report; keep at least 12 months. Work by component.

STRUCTURE & BOOM

- ☐ Boom, jib, and lattice members — cracks or deformation
- ☐ Welds, gussets, and pin bores
- ☐ Turntable, mast, gantry, and counterweight mounts

HOIST, DRUM & REEVING

- ☐ Drum grooves and flanges; sheaves and bearings
- ☐ Wire rope to ASME B30.5 / 1926.1413 removal criteria
- ☐ Hook and load block — throat and wear measured

BRAKES, HYDRAULICS & POWER

- ☐ Service and holding brakes, clutches, swing system
- ☐ Cylinders, valves, pumps, lines; cylinder drift test
- ☐ Engine, drivetrain, and cooling

CARRIER, OUTRIGGERS & TIRES

- ☐ Outrigger beams, jacks, floats, and pads
- ☐ Carrier frame, axles, steering, and travel gear
- ☐ Tires or tracks and rollers

SAFETY DEVICES & DOCUMENTATION

- ☐ ATB, LMI calibration, limit switches, level
- ☐ Lights, horn, alarms, gauges, boom indicators
- ☐ Load charts, capacity plates, crane log, prior reports
- ☐ Rated-capacity load test if new, repaired, or due

CRITICAL	MAJOR	MINOR	MONITOR
Out of service now — do not lift until repaired	Repair before the next lift	Repair on a set timeline	Watch and re-check at the next interval

Deficiencies found / corrective action

Inspector signature _____ Date _____ Cleared for service by (qualified person) _____

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**