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# OVERHEAD & GANTRY CRANE

Annual / Periodic Inspection Checklist — OSHA 29 CFR 1910.179 · ASME B30.2 · NCCCO-CERTIFIED

For overhead, bridge, and gantry cranes — top-running, under-running, single- and double-girder.

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

## Annual / Periodic Inspection Checklist

*Qualified person, every 1 to 12 months by service class — the periodic inspection under OSHA 1910.179(j)(3). Documented.*

### STRUCTURE & RUNWAY

- ☐ Runway rails, splices, joints, and end stops
- ☐ End trucks, wheels, and bumpers
- ☐ Bridge girders, welds, and camber
- ☐ Bolted, riveted, and pinned connections
- ☐ Deformed, cracked, or corroded members

### DRIVE & MECHANICAL

- ☐ Bridge and trolley drive, gearing, and couplings
- ☐ Brakes for wear and adjustment
- ☐ Sheaves, drums, shafts, and bearings
- ☐ Shafts, bolts, and rivets for looseness

### HOIST & LOAD PATH

- ☐ Wire rope or load chain to ASME B30.2 / B30.16 limits
- ☐ Hook measured for throat opening and wear
- ☐ Load block, equalizer, and reeving
- ☐ Chain and sprockets, where fitted

### ELECTRICAL & SAFETY

- ☐ Festoon, conductor bar, and power feed
- ☐ Contactors, controllers, and wiring
- ☐ Limit switches and interlocks
- ☐ Load-rating and capacity markings legible

| 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**