

Construction Crane Inspection Checklist

Safety & Compliance

DATE ____/____/____	CRANE ID / MAKE / MODEL	OPERATOR	SITE
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STRUCTURAL & GENERAL

	OK	NOT OK		OK	NOT OK
No visible cracks or deformation	<input type="radio"/>	<input type="radio"/>	No fluid leaks (hydraulic, engine)	<input type="radio"/>	<input type="radio"/>
Boom sections and pins secure	<input type="radio"/>	<input type="radio"/>	Turntable and slew ring lubricated	<input type="radio"/>	<input type="radio"/>
Counterweights in place and secured	<input type="radio"/>	<input type="radio"/>	Access ladders and platforms secure	<input type="radio"/>	<input type="radio"/>

WIRE ROPE & SHEAVES

	OK	NOT OK		OK	NOT OK
No broken wires or strands	<input type="radio"/>	<input type="radio"/>	Sheave grooves not worn	<input type="radio"/>	<input type="radio"/>
No kinks, bird-caging, or crushing	<input type="radio"/>	<input type="radio"/>	Rope end termination secure	<input type="radio"/>	<input type="radio"/>
Proper spooling on drum	<input type="radio"/>	<input type="radio"/>			

HOOK & BLOCK

	OK	NOT OK		OK	NOT OK
Hook not bent or cracked	<input type="radio"/>	<input type="radio"/>	Hook swivelling freely	<input type="radio"/>	<input type="radio"/>
Safety latch closing properly	<input type="radio"/>	<input type="radio"/>	Block guard in place	<input type="radio"/>	<input type="radio"/>

SAFETY DEVICES

	OK	NOT OK
Load moment indicator (LMI) functioning	<input type="radio"/>	<input type="radio"/>
Anti-two-block device tested	<input type="radio"/>	<input type="radio"/>
Boom angle indicator working	<input type="radio"/>	<input type="radio"/>
Swing radius warning (if fitted) <input type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		
Audible travel alarm working <input type="checkbox"/> OK <input type="checkbox"/> Not OK		
Anemometer working (tower crane) <input type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		

CONTROLS & CAB

	OK	NOT OK
All controls returning to neutral	<input type="radio"/>	<input type="radio"/>
Brakes holding (hoist, slew, travel)	<input type="radio"/>	<input type="radio"/>
Cab glass clean and intact	<input type="radio"/>	<input type="radio"/>
Mirrors and cameras working <input type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		
Fire extinguisher in cab	<input type="radio"/>	<input type="radio"/>

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	OK	NOT OK
Horn / siren working	<input type="radio"/>	<input type="radio"/>

OUTRIGGERS & GROUND (MOBILE CRANE)

	OK	NOT OK	N/A		OK	NOT OK	N/A
Outriggers fully extended and pinned	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Crane level (bubble level checked)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outrigger pads on firm ground	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Swing radius barricaded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

OPERATOR & DOCUMENTATION

	OK	NOT OK		OK	NOT OK
Operator licence / certification current	<input type="radio"/>	<input type="radio"/>	Load charts in cab and legible	<input type="radio"/>	<input type="radio"/>
Lift plan reviewed for today's work	<input type="radio"/>	<input type="radio"/>	Last engineering inspection current	<input type="radio"/>	<input type="radio"/>

RESULT

Crane safe to operate Yes No — contact supervisor

Deficiencies noted

Operator signature

Notes

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