

Construction Crane Inspection Checklist (AU)

Safety & Compliance | AU

DATE ____/____/____	CRANE ID / MAKE / MODEL	OPERATOR (HRWL CLASS)	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	<input type="radio"/>	<input type="radio"/>
Boom sections and pins secure	<input type="radio"/>	<input type="radio"/>	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 <small>AS 2759 — discard criteria for wire ropes</small>	<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 terminations 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 catch closing properly	<input type="radio"/>	<input type="radio"/>	Block guard in place	<input type="radio"/>	<input type="radio"/>

SAFETY DEVICES

	OK	NOT OK
RCI / LMI functioning <small>AS 2550 — rated capacity indicator mandatory</small>	<input type="radio"/>	<input type="radio"/>
Anti-two-block device tested	<input type="radio"/>	<input type="radio"/>
Boom angle / radius indicator	<input type="radio"/>	<input type="radio"/>
Slew limiter (tower crane) <input type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		
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		OK	NOT OK
All controls returning to neutral	<input type="radio"/>	<input type="radio"/>	Fire extinguisher in cab	<input type="radio"/>	<input type="radio"/>
Brakes holding (hoist, slew, travel)	<input type="radio"/>	<input type="radio"/>	Horn working	<input type="radio"/>	<input type="radio"/>
Cab glass clean and intact	<input type="radio"/>	<input type="radio"/>			

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OUTRIGGERS (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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outrigger pads on firm ground	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Slew zone barricaded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

OPERATOR & DOCUMENTATION

	OK	NOT OK		OK	NOT OK
HRWL crane class licence current	<input type="radio"/>	<input type="radio"/>	Rated capacity charts in cab	<input type="radio"/>	<input type="radio"/>
Lift plan / SWMS reviewed	<input type="radio"/>	<input type="radio"/>	Major inspection current (10-yearly)	<input type="radio"/>	<input type="radio"/>

RESULT

Crane safe to operate Yes No — contact crane supervisor

Deficiencies noted

Operator signature _____

Notes

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