

Monthly Inspection Record for Gantry Crane

Crane Model & Location of Use:

Inspection Item	Requirements	Result
Structure	Check for deformation, cracks, fatigue	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check if the main connections are secure and tested	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check bolts, pins, joints for integrity and correct positioning	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check if track alignment is level	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Hoisting Mechanism	Check wire rope for kinks, broken wires, good lubrication	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check wire rope fixing and length marks	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check pulleys, hooks, slings for wear and limits	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check drums and ropes for damage or cracks	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Transmission System	Check gearbox for smooth operation, abnormal sounds	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check lubrication, labels, and oil levels	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check brakes for sensitivity and complete linkage	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check hoist motor reliability and gear wear	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Electrical System	Check main power for normal function	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Inspect cables and wiring for aging or damage	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check electrical components, buttons, connectors	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check meters and indicators	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check grounding and electrical safety devices	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check if power supply is stable and balanced	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Safety & Limit Devices	Check upper/lower travel limit for reliability	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check trolley travel limit for reliability	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check travel limit switches for proper installation	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check warning devices for proper function	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
	Check for anti-fall safety equipment	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal

Inspection Conclusion:

(To be filled in)

Inspector's Signature:

(To be signed)

Date: