

Daily Inspection Checklist Record for Gantry Crane

Foundation & Support		
Item	Inspection Details	Result
Foundation	Solid and level; no settlement or cracks	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Support Structure	Legs intact; no deformation or cracks	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Anchoring Device	Properly installed and firmly secured	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Levelness	Crane is level; no tilt	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Main Structural Components		
Item	Inspection Details	Result
Steel Structure	Intact; no corrosion or cracks	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Connections	Welds and bolts are secure; no looseness	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Rails & Wheels	Rails straight; no deformation or wear	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Wheels	Wheels rotate smoothly; no jamming	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Hoisting & Transmission System		
Item	Inspection Details	Result
Drum	Intact; no cracks or deformation	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Wire Rope	Intact; no broken strands or wear	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Pulley	Rotates freely; no jamming	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Drive System	Proper lubrication; no abnormal noise	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Safety Devices & Control System		
Item	Inspection Details	Result
Limit Switches	Responsive and reliable; no failure	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Braking System	Operates normally; no jamming or malfunction	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Buffer Devices	Intact and correctly positioned	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Control System	Buttons and switches respond properly; no failure	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Emergency Stop	Easily accessible and functional emergency stop button	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Electrical System		
Item	Inspection Details	Result
Power Cables & Plugs	Intact; no damage or exposed wires	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Motors & Components	Functioning properly; no overheating	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Lighting & Signal Devices	Lamps intact; sufficient brightness	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal
Lightning Protection & Grounding	Properly installed and effective	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal