



# GANTRY CRANE SERIES PLANNED MAINTENANCE INSPECTION REPORT

Check Codes  
X = O.K.  
A = Adjusted  
S = Serviced  
R = Needs Repair  
**U = Urgent**

Customer \_\_\_\_\_

Dealer \_\_\_\_\_

Model #	Serial Number	P.O. number / Ref number	Servicing Technician	Date

## 1. Visual Inspection

	Code	Comments
A. Inspect for obvious damage	X A S R U	_____
B. "A" frames or legs and "I" beams for damage	X A S R U	_____
C. Wheels and guide track	X A S R U	_____
D. Lifting beam, hoist, and chain	X A S R U	_____

## 2. Wheels and Guide Track

A. Inspect idler casters for damage / wear, and tighten hardware	X A S R U	_____
B. Inspect drive wheels and motors, ensure hardware is tight	X A S R U	_____
C. Inspect guide track for loose or missing anchors, misaligned track	X A S R U	_____
D. Lubricate idler casters and drive wheels	X A S R U	_____
E. Inspect drive wheel chain tension	X A S R U	_____

## 3. Frame

A. Inspect "I" beam for damage, tighten connection hardware	X A S R U	_____
B. Inspect legs for damage	X A S R U	_____

## 4. Hoist

A. Inspect lifting chain for wear / damage, twist	X A S R U	_____
B. Inspect for leaks	X A S R U	_____
C. Lubricate lift chain with light machine oil	X A S R U	_____
D. FOR FURTHER PM SEE HOIST MANUAL		_____

## 5. Electrical

A. Ensure control panel is secure	X A S R U	_____
B. Check for exposed wire, repair as required	X A S R U	_____
C. Inspect wire connection at drive motors for exposed/unsecured wire	X A S R U	_____
D. Inspect cable festoon for missing/damaged rollers	X A S R U	_____
E. Inspect trolley wiring for exposed/ damaged wires	X A S R U	_____
F. Inspect control pendant for exposed/ damaged wires	X A S R U	_____
G. Inspect pendant chain for damage, secure	X A S R U	_____

## 6. Lifting Beam

A. Inspect wood load members for cracks, splits or delamination	X A S R U	_____
B. Ensure attaching hardware is tight and secure, inspect for wear	X A S R U	_____
C. Inspect hook adjusting trunnions for wear/ damage	X A S R U	_____
D. Inspect load pins on lifting hooks for wear/ damage	X A S R U	_____
E. Inspect hook engagement throat for wear/ damage 5/8" min to center	X A S R U	_____
F. Inspect "A" lifting plate for wear/ damage	X A S R U	_____
G. Inspect tie straps for wear, damage, and proper engagement	X A S R U	_____

## 7. Operational Inspection

A. Proper forward/reverse drive	X A S R U	_____
B. Proper lift/lower operation	X A S R U	_____
C. Proper left/right traverse	X A S R U	_____

## 8. Power Supply Inspection

A. Inspect power cable reel for wear/ damage (if applicable)	X A S R U	_____
B. Inspect SO cable for infeed power for worn exposed wires	X A S R U	_____
C. Inspect free movement on retraction and swivel (if applicable)	X A S R U	_____

## 9. Reinstall Panels

## 10. Wipe Down Unit As Required

## 11. Labels & Decals

A. Placement of safety labels	X A S R U	_____
B. Ensure function labels are intact	X A S R U	_____

General Comments

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NOTE: ANY MATERIAL HANDLING EQUIPMENT FOUND TO BE IN NEED OF REPAIR SHOULD BE TAGGED OUT OF SERVICE UNTIL ALL NECESSARY REPAIRS HAVE BEEN COMPLETED BY AN AUTHORIZED SERVICE TECHNICIAN.

Refer to service manual for details on inspection, lubrication, and adjustments.

For more information on PGC systems visit [www.bhs1.com](http://www.bhs1.com)

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