

Crane Inspection Report



Prepared for: Cranes-R-Us

Prepared by: PDmB, Inc.

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Table of Contents

Definitions	2
General Information	2
Bridge	2
End Truck	3
Hoist	3
Trolley	4
Runway & Electrification	4
Summary	5

Definitions

S Satisfactory
 RS Repair/Service
 R Replace

General Information

Equipment Owner: **Cranes-R-Us** Inspection Date: **08/25/2011**
 Inspection Type: **Annual** Inspector: **Tom Jones**
 Crane ID: **650-1** Capacity: **500 lbs**
 Manufacturer: **Manufacturer1** Serial Number: **42854**
 Crane Type: **Bridge**
 Hoist Capacity: **500 lbs**
 Hoist Manufacturer: **Manufacturer1**
 Hoist Serial #: **42854**
 Hoist Model #: **11526-7**
 Aux. Hoist Capacity: **N/A**
 Aux. Hoist Manufacturer: **N/A**
 Aux. Hoist Serial #: **N/A**
 Aux. Hoist Model #: **N/A**

Bridge

- | | S | RS | R | |
|-----|-------------------------------------|-------------------------------------|-------------------------------------|--|
| 1. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Function Test |
| 2. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Capacity Label |
| 3. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Control Panel |
| 4. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Bridge Disconnect |
| 5. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pendant button functions are not legible |
| 6. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | E-Stop Disconnect |
| 7. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pendant Cord cord is scuffed 8 inches from control box |
| 8. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Pendant Warning Label safety card is cracked and needs replaced |
| 9. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Strain Relief |
| 10. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Pendant Festoon |
| 11. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Trolley Festoon |
| 12. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Ele. Connections |
| 13. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Audio Warning Device |
| 14. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual Warning Device |
| 15. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Contactors |
| 16. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Anti Collision |
| 17. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Trolley Rail Wear |
| 18. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Trolley Stops |
| 19. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Walkway walkway is obstructed |

End Truck

	S	RS	R	
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Function Test
2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Girder Connection
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wheels
4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bumpers
5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rail Sweeps
6.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Motor
7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Brake
8.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gearbox Fluid Level
9.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Couplings & Brgs
10.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ele. Connections

Hoist

	S	RS	R	
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Function Test
2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Capacity Label
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Control Panel
4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Proper Reeving
5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Upper Limit Tested
6.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lower Limit Tested
7.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ele. Connections excessive wear, festoon cable has several splices
8.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Motor
9.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hoist Brake
10.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gearbox Fluid Level
11.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gravity Upper Limit switch inoperable, tagged crane out of service
12.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Rotary Limit Switch broken, needs replaced
13.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Contactors
14.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hook
15.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Safety Latch
16.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wire Rope Condition
17.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wire Rope Lubrication
18.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bottom Block Sheaves needs new sheave
19.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Upper Sheaves
20.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rope Guide
21.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drum Condition
22.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chain Condition
23.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chain Lubrication
24.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bottom Block
25.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pocket Wheel
26.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chain Container

Trolley

- | | S | RS | R | |
|-----|-------------------------------------|-------------------------------------|--------------------------|--------------------------------|
| 1. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Function Test |
| 2. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Control Panel |
| 3. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Wheels |
| 4. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Bumpers |
| 5. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Motor |
| 6. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Brake brake not working |
| 7. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Gearbox Fluid Level |
| 8. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Couplings |
| 9. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Contactors |
| 10. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Proximity Switches |

Runway & Electrification

- | | S | RS | R | |
|-----|-------------------------------------|--------------------------|--------------------------|--------------------------|
| 1. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual Condition, Runway |
| 2. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | End Stops |
| 3. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual Condition, Ele. |
| 4. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Power Feeds |
| 5. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | End Caps |
| 6. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Splice Covers |
| 7. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Collector Staff |
| 8. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Collector Assembly |
| 9. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Contact Shoes |
| 10. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Floor Disconnect |

Repair/Service Summary

Bridge

1. Pendant **button functions are not legible**
2. Pendant Cord **cord is scuffed 8 inches from control box**
3. Walkway **walkway is obstructed**

Hoist

4. Ele. Connections **excessive wear, festoon cable has several splices**
5. Gravity Upper Limit **switch inoperable, tagged crane out of service**

Trolley

6. Brake **brake not working**

Replace Summary

Bridge

1. Pendant Warning Label **safety card is cracked and needs replaced**

Hoist

2. Rotary Limit Switch **broken, needs replaced**
3. Bottom Block Sheaves **needs new sheave**