



# **Superior Cranes & Service**

## **A Division of Mass Crane and Hoist Services, Inc.**

Prepared for:

### **Tidewater - Army Corps Reserve**

49 Jetview Drive Chili, NY 14624

#### **Inspection Location**

Webster NY

Chili, NY, 14624

Webster NY Facility

Superior Crane Job Number: 88458

**Annual Inspections**

# Table of Contents

 High  Med  Low Section

Inspection - Webster NY	Jib Crane: 99Z - 99Z (MotorPool)	0	0	1	<b>1.0</b>
Inspection		0	0	0	<b>2.0</b>

This inspection covers maintenance and operation only. Inspection is visual unless otherwise stated. Load brake checked during load test only.

Printed on 10/04/2024

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# Overview

## Breakdown by Form

Form Type	High	Med	Low	# Forms
Inspection	0	0	1	2
Overall:	0	0	1	2

## Breakdown by Location

Location	High	Med	Low	# Forms
Not Specified	0	0	0	1
Webster NY	0	0	1	1
Overall:	0	0	1	2

## Breakdown by Asset

Asset Type	High	Med	Low	# Assets
Jib Crane	0	0	1	1
Overall:	0	0	1	1

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Overview

# Inspection

Tidewater - Army Corps Reserve  
49 Jetview Drive  
Chili, NY 14624

FolderID: 88458  
FormID: 21852312



## Jib Crane

Completed by: Brandon Blackshire on 10/04/2024  
Location: Webster NY  
Area: MotorPool  
Customer Number: 99Z  
Identification Number (Search by): 99Z  
Status: In Service

Crane Capacity: 5 (TONS)  
Crane Type: Mast Type  
Crane Serial Number: SS99028  
Crane Manufacturer: Gorbel  
Crane Span: 20 (FT)  
Crane Power: 460/3/60  
Crane Power Delivery: Tag Line Festoon  
Crane Power Delivery Manufacturer: Gorbel  
Crane Control Speeds: Single Speed  
Number of Hoists: 1  
Controller Type: Pendant  
Controller Located On: Hoist [1]  
Controller Pendant Manufacturer: Demag  
Controller Pendant ON/OFF: Maintain  
Controller Pendant Buttons: 7  
Hoist [1] Model Number: 94411234  
Hoist [1] Manufacturer: Demag  
Hoist [1] Capacity: 10 (TONS)  
Hoist [1] Type: Chain - Link  
Hoist [1] Mount: Trolley - Lug  
Hoist [1] Power: 460/3/60  
Hoist [1] Control Speeds: Two Speed  
Trolley [1] Manufacturer: Demag  
Trolley [1] Capacity: 10 (TONS)  
Trolley [1] Type: Motor Driven  
Trolley [1] Control Speeds: Two Speed

Priorities Found: 1 - Low 36 - Good

## Crane

1. Capacity and Warning Signs	Good
2. Control Enclosure	Good
3. Contactors and Wiring	Good
4. Motors	Good
5. Gear Cases	Good
6. Shafts and Couplings	Good
7. Brakes	Good
8. Covers and Guards	Good
9. Manual Disconnect Switch	Good
10. Wheels and Bearings	Good
11. Bumpers and End Stops	Good

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● 12. Level and Plumb	Caution	
● There are 3 structure bolts from mast to ground that have gaps between lock washer and nut. Recommend fastening nuts to avoid problems. Jib did not show signs of being unleveled.		
<b>Hoist [1]</b>		
● 13. Capacity Signs and Warning Tags	Good	P13
● Top of hoist		
● 14. Pendant and/or Controller	Good	P14
● 15. Control Enclosure	Good	
● 16. Contactors and Wiring	Good	
● 17. Limit Switches and Levers	Good	
● 18. Motors	Good	
● 19. Gear Cases	Good	
● 20. Shafts and Couplings	Good	
● 21. Brakes	Good	
● 22. Chains and Containers	Good	
● 23. Covers and Guards	Good	
● 24. Main Disconnect Switch	Good	
● 25. Load Hooks, Blocks and Latches	Good	
● 26. Chain Sprocket	Good	
<b>Trolley [1]</b>		
● 27. Control Enclosure	Good	
● 28. Contactors and Wiring	Good	
● 29. Limit Switches and Levers	Good	
● 30. Motors	Good	
● 31. Gear Cases	Good	
● 32. Shafts and Couplings	Good	
● 33. Brakes	Good	
● 34. Covers and Guards	Good	
● 35. Wheels and Bearings	Good	
● 36. Bumpers and End Stops	Good	
● 37. Trolley and Rails	Good	



P13.1



P14.2

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# Inspection

**Tidewater - Army Corps Reserve**  
49 Jetview Drive  
Chili, NY 14624

*Performed By: Brandon Blackshire*  
*Date Completed: 10/04/2024*

FolderID: 88458  
FormID: 21850049

Priorities Found:

<b>General</b>	
1. Work Performed	<i>Annual Inspection</i>
2. Date	<b>10/04/2024</b>
3. Technician [1] Signature	<b>Blackshire</b>
	
4. Technician [2] Signature	
5. Customer Signature	<b>John</b>
	

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2.0