



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

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

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

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

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1.0

<div> <div></div> <div>12. Level and Plumb</div> </div>		Caution	
<div> <div></div> <div>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 unlevelled.</div> </div>			
Hoist [1]			
<div> <div></div> <div>13. Capacity Signs and Warning Tags</div> </div>		Good	P13
<div> <div></div> <div>Top of hoist</div> </div>			
<div> <div></div> <div>14. Pendant and/or Controller</div> </div>		Good	P14
<div> <div></div> <div>15. Control Enclosure</div> </div>		Good	
<div> <div></div> <div>16. Contactors and Wiring</div> </div>		Good	
<div> <div></div> <div>17. Limit Switches and Levers</div> </div>		Good	
<div> <div></div> <div>18. Motors</div> </div>		Good	
<div> <div></div> <div>19. Gear Cases</div> </div>		Good	
<div> <div></div> <div>20. Shafts and Couplings</div> </div>		Good	
<div> <div></div> <div>21. Brakes</div> </div>		Good	
<div> <div></div> <div>22. Chains and Containers</div> </div>		Good	
<div> <div></div> <div>23. Covers and Guards</div> </div>		Good	
<div> <div></div> <div>24. Main Disconnect Switch</div> </div>		Good	
<div> <div></div> <div>25. Load Hooks, Blocks and Latches</div> </div>		Good	
<div> <div></div> <div>26. Chain Sprocket</div> </div>		Good	
Trolley [1]			
<div> <div></div> <div>27. Control Enclosure</div> </div>		Good	
<div> <div></div> <div>28. Contactors and Wiring</div> </div>		Good	
<div> <div></div> <div>29. Limit Switches and Levers</div> </div>		Good	
<div> <div></div> <div>30. Motors</div> </div>		Good	
<div> <div></div> <div>31. Gear Cases</div> </div>		Good	
<div> <div></div> <div>32. Shafts and Couplings</div> </div>		Good	
<div> <div></div> <div>33. Brakes</div> </div>		Good	
<div> <div></div> <div>34. Covers and Guards</div> </div>		Good	
<div> <div></div> <div>35. Wheels and Bearings</div> </div>		Good	
<div> <div></div> <div>36. Bumpers and End Stops</div> </div>		Good	
<div> <div></div> <div>37. Trolley and Rails</div> </div>		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:

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

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2.0