

# U.S. CRANE INC.

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CRANES, HOISTS: PARTS & SERVICE

Prepared for:

**U.S. Army Reserve (VA012)**

5746 RESERVE WAY Dublin, VA 24084

on

7/17/2025

# Table of Contents

 High  Med  Low      Section

Service Work Order		0	0	0	<b>1.0</b>
Annual Inspection - <i>SHOP</i>	Overhead Crane: <i>Missing - 01</i>	2	2	2	<b>2.0</b>

# Overview




## Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Annual Inspection	2	2	2	1
Service Work Order	0	0	0	1
Overall:	2	2	2	2

## Breakdown by Location

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

## Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Overhead Crane	2	2	2	1
Overall:	2	2	2	1



U.S. CRANE, INC.  
4646 PARK ROAD  
FAYETTEVILLE, OH 45118  
800-466-8224

## Service Work Order

FolderID: AL6252  
FormID: 25023318

U.S. Army Reserve (VA012)  
5746 RESERVE WAY  
Dublin, VA 24084

Performed By: NCSC Technician  
Date Completed: 07/10/2025

Priorities Found: ● 10 - Good

### US Crane Job Information

- 1. US Crane Work Order Number  
35102-42233
- 2. US Crane SO Number
- 3. Customer Purchase Order  
0001959
- 4. Is a new work order required?

### Service Details

- 5. What are the service requirements?  
**COMPLETE ANNUAL PERIODIC OSHA INSPECTION OF (1) CRANE & HOIST AT ARMY RESERVE DUBLIN, VA (VA012).**  
  
**INCLUDES pneumatic, electrical, and mechanical inspections of overhead cranes and hoists ALONG WITH ALL COMPONENTS FOR OSHA VIOLATIONS, OPERATIONAL CONDITIONS AND POTENTIAL MAINTENANCE PROBLEMS. Inspection FOR OSHA compliance of equipment and practices (In accordance with our interpretation of OSHA). VISUAL Inspection of runways and monorails FOR APPARENT DEFICIENCIES, along with RUNWAY electrification and support structures.**  
**SERVICE GREASE POINTS, CHECK GEARBOXES, AND LUBRICATE WIRE ROPE OR LOAD CHAIN AS NECESSARY. NOTIFY AND/OR IDENTIFY IF OIL SHOULD BE DRAINED AND REPLACED BASED ON MANUFACTURER'S RECOMMENDATIONS.**  
**CHECK CONTACTORS AND VFD'S, MECHANICAL FUNCTIONS, AND ELECTRICAL CONNECTIONS.**  
**CHECK HOOK BLOCKS, HOOKS, HOOK SHANKS, AND OTHER HOOK COMPONENTS AND PARTS.**  
**MINOR ADJUSTMENTS AND TIGHTENING OF COVERS AND LOOSE BOLTS.**
- 6. Service Objectives  
**COMPLETE ANNUAL PERIODIC OSHA INSPECTION OF (1) CRANE & HOIST AT ARMY RESERVE DUBLIN, VA (VA012).**
- 7. Service Performed  
*inspections and preventative maintenance*
- 8. Parts Required  

Part Number	Description	Quantity/Cost
-------------	-------------	---------------
- 9. Parts Used  

Part Number	Description	Quantity/Cost
-------------	-------------	---------------
- 10. Service Outcome **Pass**
- 11. Is follow up service required? **No**

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<input checked="" type="radio"/>	12. Should this unit be removed from service?	No
<input type="radio"/>	13. Additional Notes	
Signatures		
<input checked="" type="radio"/>	14. Service Technician	Evan Lahmer
		
<input checked="" type="radio"/>	15. Equipment Operator/Owner	Daniel Sirkel
		



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**Annual Inspection**  
**U.S. Army Reserve (VA012)**  
5746 RESERVE WAY  
Dublin, VA 24084

FolderID: AI6252  
FormID: 25023319



#### Overhead Crane

Completed by: NCSC Technician on 07/10/2025

Location: SHOP

Crane Serial Number: Missing

Equipment Number: 01

Status: In Service

Type: Bridge w/ Runway

Bridge Type: TRSGDD

Capacity: 10 Tons

Power: 460V-3Ph-60Hz

Manufacturer: Cincinnati Crane

Hoist Configuration: Main

Lifting Medium, Hoist 1: Wire Rope

Manufacturer, Hoist 1: R&M

Model Number, Hoist 1: SX

Serial Number, Hoist 1: 58300104

Control Type: Pendant

Pendant Brand: OEM

Priorities Found: ● 2 - High ● 2 - Medium ● 2 - Low ● 62 - Good

#### Historical Records

- 3. Load Test Fail  
■ UNABLE TO VERIFY THAT OSHA REQUIRED LOAD TEST IS ON FILE

#### Safety

- 4. Pendant Warning Label (P) Pass  
● 5. Remote Warning Label (NA) Not Applicable

#### Runways & Supporting Structure

- 6. Foundations / Anchorages (P) Pass  
● 7. Runway / Support (P) Pass  
● 8. Runway Stops (P) Pass  
● 9. Rail Clamps (P) Pass  
● 10. Rail Splicing (P) Pass  
● 11. Rail Spacing (P) Pass  
● 12. Runway Power Conductor Guards (P) Pass

#### Bridge General







- 13. Rated Load Marking (P) Pass  
● 14. Trolley Rail for Double Girder Crane (NA) Not Applicable  
● 15. Warning Device (P) Pass

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Revised by: INDEPTA

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16.	Footwalks	(NA) Not Applicable	
17.	Ladders and Stairs	(NA) Not Applicable	
18.	Wind Indicator	(NA) Not Applicable	
<b>Bridges/End Trucks</b>			
19.	Wheels	(P) Pass	
20.	Gears	(P) Pass	
21.	Rails/Clamps	(P) Pass	
22.	Attachments	(P) Pass	
23.	Structure	(P) Pass	
24.	Brakes	(P) Pass	
25.	Drive Shaft	(NA) Not Applicable	
26.	Sprockets	(P) Pass	
27.	Festoon Systems	(R) Recommendation	P27
	 <i>installed shrink wrap correctly, recommend heat gun to fix</i>		
28.	Guards/Covers	(P) Pass	
29.	Motors	(R) Recommendation	
	 <i>Cord entry for motor is through the cover, needs repaired</i>		
30.	Bridge Bumpers	(P) Pass	
31.	Truck Frame Drop	(P) Pass	
32.	Rail Sweeps	(P) Pass	
33.	Collectors	(P) Pass	
34.	Wheel Impacting Stops	(P) Pass	
35.	Stops	(P) Pass	
36.	Girders	(P) Pass	
<b>Floor and Remote Controls</b>			
37.	Pendant/Radio Functions Identified	(P) Pass	
38.	Pendant Strain Relief	(F) Fail	P38
	 <i>quick connect plugs broken. zip tied together</i>		
39.	Pendant/Radio Electrical Enclosure	(P) Pass	
40.	Pendant Cord	(P) Pass	
41.	Pendant/Radio Overall Condition	(P) Pass	
<b>Electrical Equipment</b>			
42.	Power Disconnect	(P) Pass	
43.	Magnet Disconnect	(NA) Not Applicable	
44.	Control Panel	(R) Recommendation	
	 <i>Bridge panel has openings. Inside of the panel is a mess and needs some serious cleaning up.</i>		
45.	Contactors	(P) Pass	
46.	VFD's	(P) Pass	
47.	Conductors	(P) Pass	
48.	Resistors	(P) Pass	
49.	Conductor Guards	(P) Pass	
<b>Trolley(s)</b>			
50.	Structure	(P) Pass	
51.	Wheels	(P) Pass	
52.	Rail Sweeps	(P) Pass	
53.	Drive Motors	(P) Pass	
54.	Brakes	(P) Pass	

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● 55.	Drive Shaft	(NA) Not Applicable	
● 56.	Conductors	(P) Pass	
● 57.	Bumpers	(P) Pass	
● 58.	Bumpers Between Trolleys	(NA) Not Applicable	
● 59.	Guards - Covers	(P) Pass	
● 60.	Sprockets - Gears	(P) Pass	
● 61.	Stops	(P) Pass	
<b>Hoist(s) - Main</b>			
● 62.	Holding Brake	(P) Pass	
● 63.	Control Brake	(P) Pass	
● 64.	Sheave(s)	(P) Pass	
● 65.	Safety Lugs	(P) Pass	
● 66.	Equalizer Sheave	(NA) Not Applicable	
● 67.	Hoist Motor	(P) Pass	
● 68.	Gear Box	(R) Recommendation	P68
	 Slight leak		
● 69.	Couplers	(P) Pass	
● 70.	Lower Limit Switch	(P) Pass	
● 71.	Primary Upper Limit Switch	(P) Pass	
● 72.	Secondary Upper Limit Switch	(P) Pass	
● 73.	Drum Grooves	(P) Pass	
● 74.	Minimum Two Wraps	(P) Pass	
● 75.	Chain Container	(NA) Not Applicable	
<b>Wire Rope</b>			
● 76.	Main Hoist - Wire Rope Condition	(P) Pass	
77.	Main Hoist - Wire Rope Nominal Diameter	11mm x 44m	
<b>Load Blocks &amp; Hooks</b>			
● 78.	Main Hoist - Hook	(P) Pass	
● 79.	Main Hoist - Hook Latch	(P) Pass	
● 80.	Main Hoist - Hook Body & Guards	(P) Pass	
● 81.	Main Hoist - Capacity Markings	(P) Pass	
● 82.	Main Hoist - Sheaves	(P) Pass	
83.	Inspector Name and Signature	Evan Lahmer	
			

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**P27.1**



**P38.2**



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