



SERVICE • SAFETY • SYSTEMS

**Overhead Crane and Hoist Inspections**  
Prepared for:

**U.S. Army Reserve Center**

4603 Camden Ave. Parkersburg, WV 26101

**JUNE 2019 PERIODIC INSPECTION**

The attached inspection findings are based upon interpretations of the of the most current versions of applicable OSHA 1910, ASME, ANSI B30, CMAA, and NEC standards and regulations. Correction of noted code and safety deficiencies will return the equipment to a compliant status. Per OSHA and ANSI requirements, all noted safety hazards must be corrected before placing equipment back into service. To ensure that your equipment is safe and productive, we recommend the implementation of a comprehensive inspection program with preventive maintenance incorporating daily shift inspections, weekly to monthly "Frequent Inspections," Monthly to annual "Periodic Inspections."

# Table of Contents

 High  Med  Low Section

*Service Report		0	0	0	1.0
Periodic Crane & Hoist Inspection Report - Shop	Overhead Crane: 1 - C12003924 (Shop)	1	0	0	2.0

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# Overview

## Breakdown by Form

Form Type	High	Med	Low	# Forms
*Service Report	0	0	0	1
Periodic Crane & Hoist Inspection Report	1	0	0	1
Overall:	1	0	0	2

## Breakdown by Location

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

## Breakdown by Asset

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

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## \*Service Report

U.S. Army Reserve Center  
4603 Camden Ave.  
Parkersburg, WV 26101

Performed By: 03-Jason Fox  
Date Completed: 06/04/2019

FolderID: J03-24908 SIR  
FormID: 5685392

Priorities Found:  4 - Good

### Service Dispatch Details

#### 1. Reported Problem or Work Assignment

*June periodic inspections on 7.5 ton acco*

#### 2. Task List

General

General operations

#### 3. Materials, Tools, Equipment Required for Scope of Work

Standard

### Actions Taken & Work Performed

#### 4. Equipment Serial Number and Description

7.5 ton Acco SN: 534095532

#### 5. Work Performed

*Performed periodic inspections with preventive maintenance*

#### 6. Material Used

*Bearing grease*

#### 7. Is additional work required to correct the reported problem or complete the scope of work?

(N) No

#### 8. Service Outcome - The equipment has passed operational checks and is in satisfactory condition to place back into regular service?

(Y) Yes

#### 9. Are there additional issues with the piece of equipment outside the reported problem or scope of work.?

(N) No

#### 10. Equipment Used

C1S scissor lift 32'

(N) No

#### 11. Do additional parts or repairs need to be quoted?

(N) No

### Technician Review and Customer Acceptance

#### 12. Customer Purchase Order Number

n/a

#### 13. Date of Work

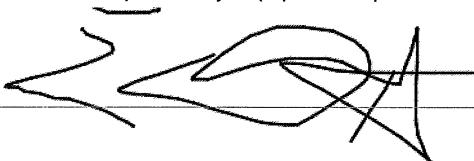
06/04/2019

#### 14. Service Technicians

Jason Fox

#### 15. Acceptance by Equipment Operator/Owner

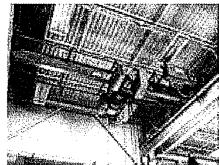
Elvan Daugherty



### Periodic Crane & Hoist Inspection Report

U.S. Army Reserve Center  
4603 Camden Ave.  
Parkersburg, WV 26101

FolderID: J03-24908 SIR  
FormID: 5685410



#### Overhead Crane

Completed by: 03-Jason Fox on 06/04/2019

Location: Shop

Area: Shop

CRANE 1 UNIT 1

ID:

QR Code: C12003924

Status: In Service

Description: N/A

Customer Unit ID: WV046-002: Asset # 6923 Crane

Equipment Type: Top Running Single Girder Bridge

Initial Load Test Date: Must Research

Capacity: 7.5

Power Type: 240/3/60

Crane Manufacturer: Acco Wright

Crane Serial Number: 29-5781-1

Hoist Quantity: Main

Hoist Type, Hoist 1: Wire Rope

Capacity, Hoist 1: 7.5

Manufacturer, Hoist 1: Acco Wright

Model Number, Hoist 1: 3447080

Serial Number, Hoist 1: 534095532

Hoist 1 Chain or Wire  
Rope: Length, Diameter &  
End Fittings:

Hoist Lifting Height: 12'

Hoist Type, Hoist 2: N/A

Hoist Type, Hoist 3: N/A

Trolley Type: Motorized

Operator Control Type: Pendant

Pendant Brand: Hubbell (SN: 23827556)

Access to Equipment: Single Man Lift

Priorities Found: ● 1 - High ● 60 - Good

#### Documentation

- 1. Initial Load Test Records
- 2. Monthly Inspection of Hook, Wire Rope, Load Chain
- 3. Periodic Inspections
- 4. PM Program

(SAT) Satisfactory

(SAT) Satisfactory

(SAT) Satisfactory

(SAT) Satisfactory

#### General

- 5. Manufacturer's Markings (Photo Required)
- 6. Operation Warning Labels
- 7. Required Clearances
- 8. Capacity Markings
- 9. Disconnect and Markings
- 10. Control Station & Markings

(SAT) Satisfactory

(SAT) Satisfactory

(SAT) Satisfactory

(SAT) Satisfactory

(DEF) Code / Safety Deficiency



P36

● *Bridge buttons missing plastic boot around buttons. Needs repaired*

- 11. General House Keeping
- 12. Warning Light or Device
- 13. Lubrication

(SAT) Satisfactory

(SAT) Satisfactory

(SAT) Satisfactory

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14. Operation Test Performed	(SAT) Satisfactory
<b>Hoist(s)</b>	
15. Hook and Latch	(SAT) Satisfactory
<i>Hook showing saddle wear. Hook does not need replaced.</i>	
16. Hook Throat Opening Dimension	2.5"
17. Load Cable (Wire Rope) or Load Chain	(SAT) Satisfactory
18. Wire Rope or Chain Dimension	1/2"
19. Load Block Frame & Guards	(SAT) Satisfactory
20. Lower Sheaves, Pins and Bearings	(SAT) Satisfactory
21. Load Cable or Chain Reaving	(SAT) Satisfactory
22. Load Cable or Chain End Connections	(SAT) Satisfactory
23. Idler Sheave and Pin	(SAT) Satisfactory
24. Running Sheaves and Pins	(SAT) Satisfactory
25. Hoist Frame and Suspension	(SAT) Satisfactory
26. Hoist Gear Box	(SAT) Satisfactory
27. Hoist Shafts & Couplings	(SAT) Satisfactory
28. Motors & Motor Pinions	(SAT) Satisfactory
29. Hoist Motor Brake	(SAT) Satisfactory
30. Control Brake	(SAT) Satisfactory
31. Hoist Drum or Chain Liftwheel	(SAT) Satisfactory
32. Upper & Lower Limits	(SAT) Satisfactory
<b>Trolley(s)</b>	
33. Frame & Bumper	(SAT) Satisfactory
34. Rail Sweeps / Drop Lugs	(SAT) Satisfactory
35. Wheels & Bearings	(SAT) Satisfactory
36. Wheel Shafts / Axle, Couplings	(SAT) Satisfactory
37. Gears & Coupling Guards	(SAT) Satisfactory
38. Gear Box(s), Open Gears	(SAT) Satisfactory
39. Motors & Pinions	(SAT) Satisfactory
40. Trolley Brake(s) Linings and Discs	(SAT) Satisfactory
<b>Electric Controls</b>	
41. Control Panel & Cover	(SAT) Satisfactory
42. Wiring Cables & Fittings	(SAT) Satisfactory
43. Control Station & Buttons	(SAT) Satisfactory
44. Contactors & Contactor Tips	(SAT) Satisfactory
45. Mainline Contactor	(SAT) Satisfactory
46. Resistors / Soft Start	(SAT) Satisfactory
47. Main Line Conductor	(SAT) Satisfactory
48. Trolley Conductor	(SAT) Satisfactory
49. Collector Shoes	(SAT) Satisfactory
<b>Crane</b>	
50. End Trucks, Bumpers, Buffers	(SAT) Satisfactory
51. Wheels, Axles, Bearings	(SAT) Satisfactory
52. Rail Sweeps, Drop Lugs	(SAT) Satisfactory
53. Shafts, Couplings	(SAT) Satisfactory
54. Girder, Connection, Structure	(SAT) Satisfactory
55. Gear & Coupling Guards	(SAT) Satisfactory

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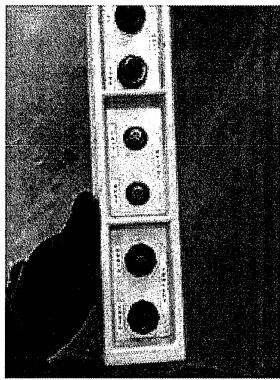
- 56. Gear Boxes, Open Gears (SAT) Satisfactory
- 57. Motors & Pinions (SAT) Satisfactory
- 58. Brake (s) Linings & Discs (SAT) Satisfactory

#### Structure / Runway

- 59. Runway Beams & Stops (SAT) Satisfactory
- 60. Rail, Attachment, Splices (SAT) Satisfactory
- 61. Runway, Alignment / Span (SAT) Satisfactory
- 62. Columns / Tiebacks (SAT) Satisfactory
- 63. Hangers / Brackets (SAT) Satisfactory

#### Date & Signature:

- 64. Date of the Inspection 06/04/2019
- 65. Lead Inspector Name Jason Fox



P36.1



P36.2

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**CERTIFICATION OF WORK**  
(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: Shop Date of Visit: 6/4/19

**Contractor Personnel on Site:**

1. Jason A Fox

2. \_\_\_\_\_

#### Work Performed:

**Preventive Maintenance - (Annual, Quarterly, Monthly, equipment identification, etc.)**  
**Service Orders -**

## **CERTIFICATION OF WORK**

To be signed by the Contractor:

Print Name: Jason A Fox Date: 6/4/19

Signed: 

To be signed by Facility Manager: 

I certify that the above-named individuals representing the Contractor arrived on site and to the

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2. Task List  
**General**  
**General operations**
3. Materials, Tools, Equipment Required for Scope of Work  
**Standard**

#### Actions Taken & Work Performed

5. Equipment Serial Number and Description	<b>7.5 ton Acco SN: 534095532</b>
6. Work Performed	<i>Performed periodic inspections with preventive maintenance</i>
7. Material Used	<i>Bearing grease</i>
8. Is additional work required to correct the reported problem or complete the scope of work?	<b>(N) No</b>
9. Service Outcome - The equipment has passed operational checks and is in satisfactory condition to place back into regular service?	<b>(Y) Yes</b>
10. Are there additional issues with the piece of equipment outside the reported problem or scope of work?	<b>(N) No</b>
11. Equipment Used	<b>C1S scissor lift 32'</b>
12. Do additional parts or repairs need to be quoted?	<b>(N) No</b>

#### Technician Review and Customer Acceptance

13. Customer Purchase Order Number	<b>n/a</b>
14. Date of Work	<b>06/04/2019</b>
15. Service Technicians	<b>Jason Fox</b>
16. Acceptance by Equipment Operator/Owner	<b>Elvan Daugherty</b>

