



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 - <i>Shop</i>	Overhead Crane: 1 - C12003924 <i>(Shop)</i>	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'

● 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

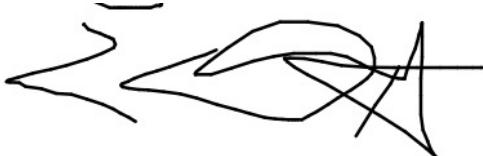
06/04/2019

14. Service Technicians

Jason Fox

15. Acceptance by Equipment Operator/Owner

Elvan Daugherty



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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
ID: 1

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:	N/A
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	(SAT) Satisfactory
2. Monthly Inspection of Hook, Wire Rope, Load Chain	(SAT) Satisfactory
3. Periodic Inspections	(SAT) Satisfactory
4. PM Program	(SAT) Satisfactory

General

5. Manufacturer's Markings (Photo Required)	(SAT) Satisfactory
6. Operation Warning Labels	(SAT) Satisfactory
7. Required Clearances	(SAT) Satisfactory
8. Capacity Markings	(SAT) Satisfactory
9. Disconnect and Markings	(SAT) Satisfactory
10. Control Station & Markings	(DEF) Code / Safety Deficiency P36 <i>Bridge buttons missing plastic boot around buttons. Needs repaired</i>
11. General House Keeping	(SAT) Satisfactory
12. Warning Light or Device	(SAT) Satisfactory
13. Lubrication	(SAT) Satisfactory

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14. Operation Test Performed	(SAT) Satisfactory
Hoist(s)	
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 Reeling	(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
Trolley(s)	
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
Electric Controls	
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
Crane	
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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