





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>	1	0	0	2.0
Overhead Crane: 1 - C12003924 (Shop)				




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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

FolderID: J03-24908 SIR
FormID: 5685392

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





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

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**



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
Bridge buttons missing plastic boot around buttons. Needs repaired		
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 Reeving	(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