






Overhead Crane and Hoist Inspections
Prepared for:

US Army Reserve Center

101 Lakeview Drive Charleston, WV 25313
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."




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	 High	 Med	 Low	Section
*Service Report	0	0	0	1.0
Periodic Crane & Hoist Inspection Report - AMSA107G	0	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	0	0	0	1
Overall:	0	0	0	2

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Not Specified	0	0	0	1
AMSA107G	0	0	0	1
Overall:	0	0	0	2

Breakdown by Asset

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

*Service Report

US Army Reserve Center
101 Lakeview Drive
Charleston, WV 25313

Performed By: 03-Robert Hilton

Date Completed: 06/11/2019

Additional Notes: New contact is rich motzer

FolderID: J03-24909 SIR
FormID: 5744747

Priorities Found: ● 4 - Good

Service Dispatch Details

1. Reported Problem or Work Assignment
Periodic inspections
2. Task List
General operations and structure
3. Materials, Tools, Equipment Required for Scope of Work
Single man lift and lube

Actions Taken & Work Performed

4. Equipment Serial Number and Description Na
5. Work Performed
Operations and structure
6. Material Used
Lube
- 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 single man lift
- 11. Do additional parts or repairs need to be quoted? (N) No

Technician Review and Customer Acceptance

12. Customer Purchase Order Number Na
13. Date of Work 06/11/2019
14. Service Technicians Robert Hilton
15. Acceptance by Equipment Operator/Owner Rich Motzer

ROMA #

Periodic Crane & Hoist Inspection Report

US Army Reserve Center

101 Lakeview Drive

Charleston, WV 25313

FolderID: J03-24909 SIR

FormID: 5744748



Overhead Crane

Completed by: 03-Robert Hilton on 06/11/2019

Location: AMSA107G

Area: Bay 1

CRANE 1 UNIT ID: 1

QR Code: C12011956

Status: In Service

Equipment Type:	Top Running Single Girder Bridge
Initial Load Test Date:	Must Research
Capacity:	10
Power Type:	460/3/60
Crane Manufacturer:	Crane 1 Services
Crane Serial Number:	J03-09114
Hoist Quantity:	Main
Hoist Type, Hoist 1:	Wire Rope
Capacity, Hoist 1:	10
Manufacturer, Hoist 1:	Shawbox
Model Number, Hoist 1:	GC3M10025S202
Serial Number, Hoist 1:	1520UC
Hoist 1 Chain or Wire Rope: Length, Diameter & End Fittings:	107.5 Feet
Hoist Lifting Height:	15'
Manufacturer, Hoist 2:	N/A
Serial Number, Hoist 2:	N/A
Trolley Type:	Motorized
Trolley Serial Number:	Na
Operator Control Type:	Pendant
Pendant Brand:	LIFTECH
Access to Equipment:	Single Man Lift

Priorities Found: ● 59 - 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	P5
● 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	(SAT) Satisfactory	
● 11. General House Keeping	(SAT) Satisfactory	
● 12. Lubrication	(SAT) Satisfactory	
● 13. Operation Test Performed	(SAT) Satisfactory	

Hoist(s)

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● 14. Hook and Latch	(SAT) Satisfactory	
15. Hook Throat Opening Dimension	2 1/2 inches	
● 16. Load Cable (Wire Rope) or Load Chain	(SAT) Satisfactory	
17. Wire Rope or Chain Dimension	12 Millimeters	
● 18. Load Block Frame & Guards	(SAT) Satisfactory	
● 19. Lower Sheaves, Pins and Bearings	(SAT) Satisfactory	
● 20. Load Cable or Chain Reeving	(SAT) Satisfactory	
● 21. Load Cable or Chain End Connections	(SAT) Satisfactory	
● 22. Idler Sheave and Pin	(SAT) Satisfactory	
● 23. Running Sheaves and Pins	(SAT) Satisfactory	
● 24. Hoist Frame and Suspension	(SAT) Satisfactory	
● 25. Hoist Gear Box	(SAT) Satisfactory	
● 26. Hoist Shafts & Couplings	(SAT) Satisfactory	
● 27. Motors & Motor Pinions	(SAT) Satisfactory	
● 28. Hoist Motor Brake	(SAT) Satisfactory	
● 29. Hoist Drum or Chain Liftwheel	(SAT) Satisfactory	
● 30. Upper & Lower Limits	(SAT) Satisfactory	
Trolley(s)		
● 31. Frame & Bumper	(SAT) Satisfactory	
● 32. Rail Sweeps / Drop Lugs	(SAT) Satisfactory	
● 33. Wheels & Bearings	(SAT) Satisfactory	
● 34. Wheel Shafts / Axle, Couplings	(SAT) Satisfactory	
● 35. Gears & Coupling Guards	(SAT) Satisfactory	
● 36. Gear Box(s), Open Gears	(SAT) Satisfactory	P38
● 37. Motors & Pinions	(SAT) Satisfactory	
● 38. Trolley Brake(s) Linings and Discs	(SAT) Satisfactory	
Electric Controls		
● 39. Control Panel & Cover	(SAT) Satisfactory	
● 40. Wiring Cables & Fittings	(SAT) Satisfactory	
● 41. Control Station & Buttons	(SAT) Satisfactory	
● 42. Contactors & Contactor Tips	(SAT) Satisfactory	
● 43. Mainline Contactor	(SAT) Satisfactory	
● 44. Resistors / Soft Start	(SAT) Satisfactory	
● 45. Main Line Conductor	(SAT) Satisfactory	
● 46. Trolley Conductor	(SAT) Satisfactory	
● 47. Collector Shoes	(SAT) Satisfactory	
Crane		
● 48. End Trucks, Bumpers, Buffers	(SAT) Satisfactory	
● 49. Wheels, Axles, Bearings	(SAT) Satisfactory	
● 50. Rail Sweeps, Drop Lugs	(SAT) Satisfactory	
● 51. Shafts, Couplings	(SAT) Satisfactory	
● 52. Girder, Connection, Structure	(SAT) Satisfactory	
● 53. Gear & Coupling Guards	(SAT) Satisfactory	
● 54. Gear Boxes, Open Gears	(SAT) Satisfactory	
● 55. Motors & Pinions	(SAT) Satisfactory	
● 56. Brake (s) Linings & Discs	(SAT) Satisfactory	
Structure / Runway		

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57. Runway Beams & Stops	(SAT) Satisfactory
58. Rail, Attachment, Splices	(SAT) Satisfactory
59. Runway, Alignment / Span	(SAT) Satisfactory
60. Columns / Tiebacks	(SAT) Satisfactory
61. Hangers / Brackets	(SAT) Satisfactory
Date & Signature:	
62. Date of the Inspection	06/11/2019
63. Lead Inspector Name	Robert Hilton



P5.1



P38.2