



June 2020 Annual Inspection

Prepared for:

**United States Army Reserve Center**

4600 Fox Tail Place  
White Plains, MD 20695

on




6/8/2020

# Table of Contents




	 High	 Med	 Low	Section
Work Order	0	0	0	<b>1.0</b>
Inspection - <i>303 Workbay</i>	1	0	0	<b>2.0</b>

# Overview

## Breakdown by Form

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

## Breakdown by Location

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

## Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Cranes	1	0	0	1
Overall:	1	0	0	1



Foley Material Handling Company, Inc.  
11351 Virginia Crane Dr.  
Ashland, VA 23005  
(855) 202-5999

## Work Order

FolderID: 1933  
FormID: 8183359

**United States Army Reserve Center**  
4600 Fox Tail Place  
White Plains, MD 20695

*Performed By: Shane Lucas*  
*Date Completed: 06/03/2020*

Priorities Found:

### Inspection Work Order

1. Customer Name  
*United States Army Reserve Center*
2. Address  
*4600 Fox Tail Place*  
*White Plains, MD 20695*
3. Contact  
*Rick Hicks / Ken Augustin / Patrick Donovan*
4. Phone Number  
*P: 703-738-5301 / P:410-703-0883 / P:301-821-6355*
5. Lift Type (if required)  
*FMH 20' Scissors Lift*
6. Call Ticket #  
*No Call Ticket - Credit Application Pending.*
7. Purchase Order#  
*CMI-MD066 Crane PM WO# 12288*
8. Start Date  
**06/03/2020**
9. Completion Date  
**06/03/2020**
10. Information/Remarks  
*June 2020 annual inspection of cranes and hoists.*
11. Special Notes  
*Invoice: CMI Management 4600 Fox Tail Place*  
*White Plains, MD 20695 - Call Ken Augustin when you arrive P:410-703-0883.*

### Signatures

12. Inspector/Technician **Shane Lucas**

13. Customer Contact **Ken Augustin**

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A handwritten signature in black ink, consisting of several overlapping loops and strokes, located in the top left corner of the page.



Foley Material Handling Company, Inc.  
11351 Virginia Crane Dr.  
Ashland, VA 23005  
(855) 202-5999

## Inspection

United States Army Reserve Center  
4600 Fox Tail Place  
White Plains, MD 20695

FolderID: 1933  
FormID: 8216091



### Cranes

Completed by: Shane Lucas on 06/03/2020

Location: 303 Workbay

Equipment Number: #1

Crane Serial Number: 63265

Status: In Service

Type:	SGTR
Crane Manufacturer:	Williamson & Wilmer (Deshazo)
Trolley Configuration :	Main Trolley
Hoist Configuration:	Main Hoist
Control Type:	Pendant
Rated Load:	10 Tons
Voltage:	460V-3Ph-60Hz
Main Hoist Size:	10mm
Main Hoist Construction:	Wire Rope
Main Hoist Parts:	6
Main Hoist Serial:	164472
Main Hoist Manufacturer:	Detroit

Priorities Found: ● 1 - High ● 61 - Good

### Inspection Type

● 1. Frequency Annual

### Historical Records

● 2. Monthly Inspection Reports Satisfactory

● 3. Periodic Inspection Satisfactory

● 4. Preventive Maintenance Satisfactory

● 5. Load Test Faulty

☞ No load test records are on file. Need to conduct a load test and file appropriately

### Runways & Supporting Structure

● 6. Foundations/Anchorages Satisfactory

● 7. Runway/Support Satisfactory

● 8. Runway Stops & Bumpers Satisfactory

● 9. Runway Rails Satisfactory

● 10. Rail Splicing Satisfactory

● 11. Rail Attachment Satisfactory

### Bridge Components

● 12. Rated Load Markings Satisfactory

● 13. Directional Markings Satisfactory

● 14. Girders/Structure Satisfactory

● 15. Bolts & Rivets Satisfactory

● 16. Guards/Covers Satisfactory

● 17. Gears & Gear Boxes Satisfactory

● 18. Brakes Satisfactory

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● 19.	Drive Shaft	Satisfactory
● 20.	Motors	Satisfactory
● 21.	End Trucks	Satisfactory
● 22.	Bridge Wheels	Satisfactory
● 23.	Bridge Bumpers	Satisfactory
● 24.	Rail Sweeps	Satisfactory
<b>Main Trolley</b>		
● 25.	Frame / Structure	Satisfactory
● 26.	Trolley Wheels	Satisfactory
● 27.	Safety Lugs	Satisfactory
● 28.	Trolley Gauge	Satisfactory
● 29.	Trolley Rails	Satisfactory
● 30.	Bumpers	Satisfactory
● 31.	Stops	Satisfactory
● 32.	Guards/Covers	Satisfactory
● 33.	Drive Motors	Satisfactory
● 34.	Brakes	Satisfactory
● 35.	Drive Shaft	Satisfactory
● 36.	Gears & Gear Boxes	Satisfactory
<b>Main Hoist</b>		
● 37.	Wire Rope Condition	Satisfactory
● 38.	Load Block	Satisfactory
● 39.	Sheaves / Pocket Wheel - Upper / Lower	Satisfactory
● 40.	Hook & Safety Latch	Satisfactory
● 41.	Rope Drum & Grooves	Satisfactory
● 42.	Upper Limit Switch	Satisfactory
● 43.	Lower Limit Switch	Satisfactory
● 44.	Motor Brake (Holding)	Satisfactory
● 45.	Load Brake (Control)	Satisfactory
● 46.	Hoist Motor	Satisfactory
● 47.	Gears & Gear Boxes	Satisfactory
<b>Electrical Equipment</b>		
● 48.	Runway Disconnect	Satisfactory
● 49.	Runway Conductor Bar	Satisfactory
● 50.	Runway Conductor Guards	Satisfactory
● 51.	Collectors	Satisfactory
● 52.	Bridge/Mainline Disconnect	Satisfactory
● 53.	Festoon Systems (Bridge, Trolley & Pendant)	Satisfactory
● 54.	Control Panels (Bridge, Trolley & Hoist)	Satisfactory
● 55.	Resistors	Satisfactory
<b>Pendant Controls</b>		
● 56.	Buttons	Satisfactory
● 57.	Functions Identified	Satisfactory
● 58.	Enclosure	Satisfactory
● 59.	Pendant Cord	Satisfactory
● 60.	Pendant Strain Relief	Satisfactory
● 61.	Warning Label	Satisfactory

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## Miscellaneous



62. Other

Satisfactory

P71

Installed conduit strap on bridge travel limit tripping arm to prevent no function on bridge at end of travel



P71.1





**4.4.1 Annual Certification.** The certification is valid for one year from the date of signature of the certifying official. The certification expiration date shall be one day prior to the anniversary date of the certification. The crane may remain in service on the expiration date. For example, if a crane is certified 30 June, the expiration date shall be 29 June of the following year.

The certification process shall include a condition inspection and appropriate tests. For category 1 and 4 cranes, the annual tests shall include a load test. **Category 2 and 3 cranes shall be inspected, operationally tested (without load), and certified annually; however, a load test shall be performed at every fourth annual certification, as a minimum.** The certification shall indicate when a crane is in the quadrennial load test program. The intent of the quadrennial load test program is one load test certification followed by three no-load test certifications. If an activity performs load testing at a periodicity other than annually or quadrennially, the test periodicity shall be noted on the certification form. For floating cranes (including mobile cranes mounted on barges), as a condition for certification, the barge shall be determined fit for further service as evidenced by a current material inspection report and documentation of a current regular overhaul (ROH) or an approved deviation of ROH, as required by OPNAVINST 4780.6.

**4.4.2 Interim Recertification Requirements.** (See paragraph 4.5.7 for interim recertification requirements after inadvertently exceeding the certified capacity during operation.)

**4.4.2.1 When a Load Test is Required.** When the adjustment, repair, disassembly, alteration, or replacement of a load bearing part, load controlling part, or operational safety device requires a load test for verification of satisfactory work performed, recertification is required. To determine if a load test is required, the component's impact on holding strength shall be assessed. If holding strength could be affected by the work performed (i.e., failure to make the proper adjustment, repair, etc., could result in dropping or uncontrolled lowering of the load), then a selective inspection, load test, and recertification shall be performed. This includes rotate and travel components when the rotate or travel function may operate on an inclined plane, such as the rotate function on floating and barge-mounted cranes, and a trolley on a luffing boom. When load tests are performed, they shall include applicable portions of both the static and dynamic tests of appendix E. The extent of inspection and testing may be limited, where practical, to those parts and components of systems affected, but shall fully ensure that the adjustment, repair, disassembly, replacement, or alteration has been performed correctly, and that the crane operates properly.

**4.4.2.2 When a Load Test is Not Required.** When the adjustment, repair, etc., of a load bearing or load controlling part or operational safety device does not require a load test for verification of satisfactory work, one of the following (at the activity's option) is required prior to returning the crane to service:

- a. After all work, inspection, and operational testing required by section 3 are completed, the work document(s) shall be signed by the chief engineer or the certifying official. An interim recertification is not required.