

ATTACHMENT J-0200000-05  
FORMS

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

FACID/Building: **WV053-02**

Date of Visit: **June 24, 2019**

Contractor Personnel on Site:

1. <b>Shawn Harrity</b>	4. _____
2. _____	5. _____
3. _____	6. _____

**Work Performed:**

**Preventive Maintenance** - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**Inspection, Testing, and Certification**

1. **WO # 9183 - Asset #6919**
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**Other Recurring Services**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**Service Calls** – Service Call Number and Description

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

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**Over and Above Repair Work – Order Number and Description of Work Completed**

## **CERTIFICATION OF WORK**

To be signed by the Contractor:

Print Name: Technicians Name: Shawn Harrity - Date: June 24, 2019

Signed: Indicated on attached report

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: Matt Bigger - Date: June 24, 2019

Signed: Signature on attached report

E-Mail:

# SERVICE REPORT

**KONECRANES®**  
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Report Created: Jun 24, 2019 5:47 PM

## Customer and Service Information

<b>Customer</b>	CMI Management Inc / US Army Reserve - Wheeling		
<b>Business Location</b>	US Army Reserve - Ohio County Airport, Wheeling, 525 Sgt Joe Nurre Ln		
<b>City</b>	Wheeling		
<b>Agreement</b>	U240-US Army Reserve - Ohio County Airport - WV053-02		
<b>Service Request</b>	1-89442444772		
<b>Description</b>	PIT - June 2019 Mainman Assessment with Routine Maintenance with Load Test		
<b>PO Number</b>	9071		
<b>Billing Type</b>	Fixed		
<b>Customer Contact</b>	Bernie Koblinsky 703-738-5303 bernie.koblinsky@cmimgmt.com	<b>Konecranes Contact</b>	Thomas Yakich 4127879480 tom.yakich@konecranes.com

## Assets



6919

Single girder EOT - 1 trolley wire rope hoist

<b>Manufacturer</b>	KEYSTONE	<b>Span</b>	20.5ft
<b>Serial number</b>	KS6-3711	<b>Lift</b>	16ft
<b>Criticality</b>	Moderate	<b>Volt/Ph/Hz</b>	480-3-60
<b>Site Location</b>	WV053-02		
<b>Capacity/SWL</b>	10 Ton		
<b>Service Products</b>	Load Test,Routine Maintenance,MAINMAN Assessment		

## Bridge

Crane travelling machinery South

! Travelling power transmission shaft and bearings	Quote
<b>Date Reported</b>	Jun 24, 2019
<b>Technician</b>	Shawn Harrity
<b>Task Type</b>	Visual assessment
<b>Fault Code</b>	Improper alignment
<b>Risk</b>	<b>Safety Risk</b>
<b>Recommendation</b>	Repair
<b>Comment:</b>	North Bridge drive has bent input shaft. Recommend replacement of the shaft & bearings

## Trolley

Hoisting machinery Info

! Hoisting gear - internal	Notification
<b>Date Reported</b>	Jun 24, 2019
<b>Technician</b>	Shawn Harrity
<b>Task Type</b>	Unable to Inspect
<b>Fault Code</b>	Not in Scope
<b>Risk</b>	<b>Undetermined Condition</b>
<b>Recommendation</b>	Disassemble/Inspect
<b>Comment:</b>	Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations
! Hoisting coupling - internal	Notification
<b>Date Reported</b>	Jun 24, 2019
<b>Technician</b>	Shawn Harrity
<b>Task Type</b>	Unable to Inspect
<b>Fault Code</b>	Not in Scope
<b>Risk</b>	<b>Undetermined Condition</b>
<b>Recommendation</b>	Disassemble/Inspect
<b>Comment:</b>	Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations
! Mechanical load brake	Notification
<b>Date Reported</b>	Jun 24, 2019
<b>Technician</b>	Shawn Harrity
<b>Task Type</b>	Unable to Inspect
<b>Fault Code</b>	Not in Scope
<b>Risk</b>	<b>Undetermined Condition</b>
<b>Recommendation</b>	Disassemble/Inspect
<b>Comment:</b>	Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations
! Hoisting wire rope	Quote
<b>Date Reported</b>	Jun 24, 2019
<b>Technician</b>	Shawn Harrity
<b>Task Type</b>	Visual assessment
<b>Fault Code</b>	Bent, damaged
<b>Risk</b>	<b>Safety Risk</b>
<b>Recommendation</b>	Replace
<b>Comment:</b>	Hoist wire rope was damaged strands. In two separate locations. Recommend replacement of the wire rope. Before further damages occur.
! Upper block	Quote
<b>Date Reported</b>	Jun 24, 2019
<b>Technician</b>	Shawn Harrity
<b>Task Type</b>	Visual assessment
<b>Fault Code</b>	Bearings worn/damaged
<b>Risk</b>	<b>Safety Risk</b>
<b>Recommendation</b>	Replace
<b>Comment:</b>	North Upper sheave is frozen and is not rotating at all. Recommend replacement of the sheave is required. Because this has been a problem in past. Sheave is damaged for the wire rope rubbing on it.
Hook block	

!		Hook nut and locking parts	Notification
Date Reported	Jun 24, 2019		
Technician	Shawn Harrity		
Task Type	Unable to Inspect		
Fault Code	Not in Scope		
Risk	<b>Undetermined Condition</b>		
Recommendation	Disassemble/Inspect		
Comment:	Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations		
!		Hook forging - internal	Notification
Date Reported	Jun 24, 2019		
Technician	Shawn Harrity		
Task Type	Unable to Inspect		
Fault Code	Not in Scope		
Risk	<b>Undetermined Condition</b>		
Recommendation	Disassemble/Inspect		
Comment:	Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations		

## Electrics

### Power supply

!		Runway power supply	Quote
Date Reported	Jun 24, 2019		
Technician	Shawn Harrity		
Task Type	Visual assessment		
Fault Code	Other fault		
Risk	<b>Safety Risk</b>		
Recommendation	Install Product		
Comment:	Ground conductor required on power supply.		

### Control system

#### Bridge cubicle

!		Travelling inverter Soft Start	Quote
Date Reported	Jun 24, 2019		
Technician	Shawn Harrity		
Task Type	Operational assessment		
Fault Code	Other fault		
Risk	<b>Improvement Opportunity</b>		
Recommendation	Install Product		
Comment:	Bridge control operational test completed. Quick transition between 1 speed and second speed. The load will swing. Recommend upgrading to an inverter drive. To correct the speed transitions and prevent the load from swing.		



Jun 24, 2019 1:13 PM Matt Bigger, Customer

## Component Condition

- ✓ Acceptable (No issues detected)
- ! Need Attention

## Findings and Actions

### **Safety Risk** **WARNING**

Indicates an unsafe condition. Failure to remedy such condition before continued operation of the identified Asset may result in personal injury including death, or property damage.

### **Production Risk**

Indicates an inefficient condition. Failure to remedy such condition before continued operation of the identified asset may result in inefficient asset performance or an interruption in production.

### **Undetermined Condition**

Indicates that the condition could not be directly verified through visual inspection as a result of asset configuration and/or obstruction.

The condition of certain components cannot be directly verified through visual inspection without further disassembly and/or the use of other inspection methods. These advanced services are generally excluded from the scope of typical compliance and preventive maintenance inspections. Consultation Services may be added to a Service Program or offered on a stand-alone basis to assess the condition of these components. Inspection frequency for these components should follow OEM recommendations and/or governing regulations. If no records are available, we recommend appropriate inspections be carried out to determine current condition and to establish a baseline for recurring inspections.

### **Improvement Opportunity**

Indicates a potential opportunity to improve the safety, productivity, application or useful life of the asset.

### **Acceptable / Repaired Item**

Component condition is verified by Konecranes service technician. No actions required. If a component or other object has been repaired within the service visit, green color code is shown as well.

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