

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

INSPECTION, TESTING, AND CERTIFICATION OF WORK
(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: PA062 Date of Visit: 6-25-19

Contractor Personnel on Site:

- | | |
|----------------------|----------|
| 1. <u>Bill Smith</u> | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |

Work Performed:

Inspection, Testing, and Certification

1. Annual Crane Testing
2. Asset #6917 WO# 9069 & 9181
3. _____
4. _____

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Bill Smith Date: 6-25-19

Signed: Bill Smith

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/Title: Becky Dittreich GS-09 Date: 20190625

Signed: [Signature]

E-Mail: _____

SERVICE REPORT

KONECRANES
Lifting Businesses™

Report Created: Jun 25, 2019 11:42 AM

Customer and Service Information

Customer	Tidewater Inc		
Business Location	Erie USARC, Meadville, 1151 Morgan St		
City	Meadville		
Agreement	U242 - Erie USARC		
Service Request	1-89476667853		
Description	ERI - June 2019 MAINMAN Assessment w/ Routine Maintenance on 1 asset		
PO Number	Karlee Demain		
Billing Type	Fixed		
Customer Contact	Karlee Demain	Konecranes Contact	Betsy Nogrady-Lake
	karlee.demain@tideh2o.net		betsy.nogrady-lake@konecranes.com

Assets



PA062-00002
Monorail EOT - 1 trolley chain hoist

Manufacturer	CM	Span	25ft
Serial number	H018JF	Lift	17ft
Criticality	High	Volt/Ph/Hz	208-3-60
Site Location	PA062		
Capacity/SWL	5 Ton		
Model	7030		

Service Products Routine Maintenance,MAINMAN Assessment

Trolley

Hoisting machinery

! Hoisting gear - internal		Notification
Date Reported	Jun 25, 2019	
Technician	Bill Smith	
Task Type	Unable to Inspect	
Fault Code	Not in Scope	
Risk	Undetermined Condition	
Recommendation	Disassemble/Inspect	
Comment:	Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations	
! Hoisting coupling - internal		Notification
Date Reported	Jun 25, 2019	
Technician	Bill Smith	
Task Type	Unable to Inspect	
Fault Code	Not in Scope	
Risk	Undetermined Condition	
Recommendation	Disassemble/Inspect	
Comment:		

Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations

! Drive sprocket		Notification
Date Reported	Jun 25, 2019	
Technician	Bill Smith	
Task Type	Unable to Inspect	
Fault Code	Not in Scope	
Risk	Undetermined Condition	
Recommendation	Disassemble/Inspect	
Comment:	Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations	

! Hoisting brake - holding		Notification
Date Reported	Jun 25, 2019	
Technician	Bill Smith	
Task Type	Operational assessment	
Fault Code	Acceptable	
Risk	No direct risk	
Recommendation	No Action	
Comment:		

! Mechanical load brake		Notification
Date Reported	Jun 25, 2019	
Technician	Bill Smith	
Task Type	Unable to Inspect	
Fault Code	Not in Scope	
Risk	Undetermined Condition	
Recommendation	Disassemble/Inspect	
Comment:	Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations	

! Chain		Notification
Date Reported	Jun 25, 2019	
Technician	Bill Smith	
Task Type	Visual assessment	
Fault Code	Acceptable	
Risk	No direct risk	
Recommendation	No Action	
Comment:		

Hook block

! Hook nut and locking parts		Notification
Date Reported	Jun 25, 2019	
Technician	Bill Smith	
Task Type	Unable to Inspect	
Fault Code	Not in Scope	
Risk	Undetermined Condition	
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 25, 2019
Technician Bill Smith
Task Type Unable to Inspect
Fault Code Not in Scope
Risk **Undetermined Condition**
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

! Trolley power supply

Quote

Date Reported Jun 25, 2019
Technician Bill Smith
Task Type Visual assessment
Fault Code Other fault
Risk **Safety Risk**
Recommendation Replace

Comment:

Junction box is damaged at hoist for powers supply.

! Tow arm

Quote

Date Reported Jun 25, 2019
Technician Bill Smith
Task Type Visual assessment
Fault Code Other fault
Risk **Safety Risk**
Recommendation Replace

Comment:

Eyebolt used as tow arm is broken off

Runway

Beam

! Runway beam

Quote

Date Reported Jun 25, 2019
Technician Bill Smith
Task Type Visual assessment
Fault Code Other fault
Risk **Improvement Opportunity**
Recommendation Install Product

Comment:

Mono rail not equipped with Load capacity. Recommend install capacity labels.

! End stops

Quote

Date Reported Jun 25, 2019
Technician Bill Smith
Task Type Visual assessment
Fault Code Missing
Risk **Safety Risk**
Recommendation Repair

Comment:

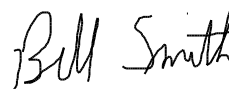
Mono rail not equipped with trolley stops or shock bumpers

SERVICE REPORT

KONECRANES®
Lifting Businesses™



Jun 25, 2019 9:58 AM Becki Dithrich, Customer



Jun 25, 2019 9:53 AM Bill Smith, Technician

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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