



Overhead Crane and Hoist Inspections
Prepared for:

Titan, Inc.

1340 Grandview Parkway Sturtevant, WI 53177

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		1	0	0	1.0
Aerial Lift Pre-use Inspection		1	0	0	2.0
Job Safety Analysis		0	0	0	3.0
Periodic Crane & Hoist Inspection Report - <i>North Bay</i>	Overhead Crane (B30.2 & B30.17): 001 - C12058902	0	0	1	4.0
Periodic Crane & Hoist Inspection Report - <i>North Bay</i>	Overhead Crane (B30.2 & B30.17): 002 - C12058901	0	0	0	5.0
Periodic Crane & Hoist Inspection Report - <i>South Bay</i>	Overhead Crane (B30.2 & B30.17): 003 - C12058903	0	0	0	6.0
Periodic Crane & Hoist Inspection Report - <i>South Bay</i>	Overhead Crane (B30.2 & B30.17): 004 - C12058904	1	0	0	7.0
Periodic Crane & Hoist Inspection Report - <i>Panel Shop</i>	Overhead Crane (B30.2 & B30.17): 005 - C12058905	2	1	0	8.0

The inspection and related services provided by CRANE1, as detailed in this Service Report, are subject to and conditioned upon the waiver, indemnification, and other terms set forth in ATTACHMENT A to this Service Report

Overview

Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
*Service Report	1	0	0	1
Aerial Lift Pre-use Inspection	1	0	0	1
Job Safety Analysis	0	0	0	1
Periodic Crane & Hoist Inspection Report	3	1	1	5
Overall:	5	1	1	8

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Not Specified	2	0	0	3
North Bay	0	0	1	2
Panel Shop	2	1	0	1
South Bay	1	0	0	2
Overall:	5	1	1	8

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Overhead Crane (B30.2 & B30.17)	3	1	1	5
Overall:	3	1	1	5

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*Service Report

FolderID: J28-03533
FormID: 16177909

Titan, Inc.
1340 Grandview Parkway
Sturtevant, WI 53177

Performed By: 28- Jerry Cleppe
Date Completed: 04/10/2023

Priorities Found: ● 1 - High ● 3 - Good

Service Dispatch Details

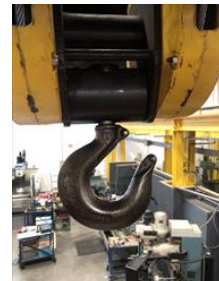
1. Reported Problem or Work Assignment
Inspection
2. Task List
General inspection
3. Materials, Tools, Equipment Required for Scope of Work
Pocket tools

Job Safety Analysis

4. Time started JSA Section 6:22 AM

Actions Taken & Work Performed

5. Equipment Serial Number and Description multiple
 6. Work Performed
Safety inspection
 7. Material Used
Wire rope lubricant
 - 8. Is additional work required to correct the reported problem or complete the scope of work? (N) No
 - 9. Service Outcome - The equipment has passed operational checks and is in satisfactory condition to place back into regular service? (Y) Yes
 - 10. Are there additional issues with the piece of equipment outside the reported problem or scope of work.? (N) No
 11. Equipment Used customer
 - 12. Do additional parts or repairs need to be quoted? (Y) Yes
- *Safety latch for 5 ton Yale (1)
CM suspension for chain container (1)
Gorbel festoon trolleys (4)*



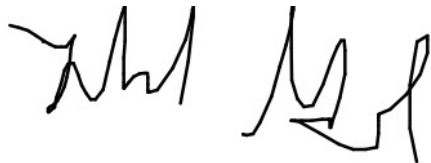
Technician Review and Customer Acceptance

13. Customer Purchase Order Number verbal
14. Date of Work 04/10/2023
15. Service Technicians Jerry Cleppe

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16. Acceptance by Equipment Operator/Owner

Todd Gnatzig

A handwritten signature in black ink, appearing to read 'Todd Gnatzig', is written over a light blue rectangular background.

Aerial Lift Pre-use Inspection

FolderID: J28-03533
FormID: 16177910

Titan, Inc.
1340 Grandview Parkway
Sturtevant, WI 53177

Performed By: 28- Jerry Cleppe
Date Completed: 04/10/2023

Priorities Found: ● 1 - High ● 46 - Good

General

1. Unit Type	scissors
● 2. Model	2646
3. Unit Number	na
4. Location	titan
● 5. Is the MEWP greater than 85 feet	(N) No

Pre Start-up Walk Around

● 6. Machine markings and operators manual are present on equipment?	(SAT) Satisfactory
● 7. Data Plate	(SAT) Satisfactory
● 8. Equipment rated for indoor use?	(Y) Yes
● 9. Equipment rated for outdoors use? check wind speed rating	(N) No
● 10. Annual Inspection Verified	(SAT) Satisfactory
● 11. Wheels, Tires & Axles	(SAT) Satisfactory
● 12. Hydraulic Components	(SAT) Satisfactory
● 13. Battery Level	(SAT) Satisfactory
● 14. Battery Tray	(SAT) Satisfactory
● 15. Cover Panels	(SAT) Satisfactory
● 16. Hydraulic Oil Level	(SAT) Satisfactory
● 17. Lights & Strokes	(SAT) Satisfactory
● 18. Place cards / Labels / Decals	(SAT) Satisfactory
● 19. Top of Base	(SAT) Satisfactory
● 20. Elevating Section	(SAT) Satisfactory
● 21. Hydraulic Cylinders & Pin Locks	(SAT) Satisfactory
● 22. Pivot Pins	(SAT) Satisfactory
● 23. Power Track	(SAT) Satisfactory
● 24. Platform	(SAT) Satisfactory
● 25. Manual	(SAT) Satisfactory
● 26. All Controls	(SAT) Satisfactory
27. Other:	

Powered Checks

● 28. Gauges & Instruments	(SAT) Satisfactory
Powered Checks- Ground & Platform Controls	
● 29. Elevating Section	(SAT) Satisfactory
● 30. Drive	(SAT) Satisfactory
● 31. Steer	(SAT) Satisfactory
● 32. Horn	(SAT) Satisfactory
● 33. Pothole Protection	(SAT) Satisfactory

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● 34. Function-enable Device	(SAT) Satisfactory
● 35. Manual Lowering System	(SAT) Satisfactory
● 36. Safety Interlocks	(SAT) Satisfactory
37. Other:	
Workplace Inspection	
● 38. Has the task been identified?	(Y) Yes
● 39. Have safe work procedures been established?	(Y) Yes
● 40. Has the working height been reviewed?	(Y) Yes
● 41. Are tools, supplies and worker(s) within rated capacity?	(Y) Yes
● 42. Have hard to reach areas been reviewed?	(Y) Yes
● 43. Controlled access zone established, Pedestrian / Vehicle Traffic	(SAT) Satisfactory
● 44. Workplace area inspections	(SAT) Satisfactory
● 45. Ground Surface & Support Conditions	(SAT) Satisfactory
● 46. Overhead Obstructions/Hazards	(SAT) Satisfactory
● 47. Energized Powerlines	(SAT) Satisfactory
● 48. Hazardous Locations	(SAT) Satisfactory
● 49. Wind & Weather Conditions	(SAT) Satisfactory
50. Other Possible Hazards:	
Technician Controls	
● 51. Proper PPE, including fall protection, being utilized	(Y) Yes
● 52. Operator is trained and authorized to operate MEWP	(Y) Yes
● 53. Rescue plan in place	(Y) Yes
Operator Information	
54. I as the operator have completed the above pre-use inspection checklist. I acknowledge that I am a trained and authorized user of this MEWP.	Jerry Cleppe
	

Job Safety Analysis

Titan, Inc.
1340 Grandview Parkway
Sturtevant, WI 53177

Performed By: 28- Jerry Cleppe
Date Completed: 04/10/2023

Priorities Found: ● 2 - Good

Job Task & PPE			
1.	Job/Task <i>Inspection</i>		
● 2.	Does Job/Task Require a Lift Plan?		(N) No
● 3.	PPE for Job/Task:		
			(HAT) Hard Hat (EAR) Ear Protection (SRL) SRL Lanyards qty 2 (HAR) Harness (EYE) Eye Protection (GLS) Hand Protection (FOT) Foot Protection
4.	Additional PPE used for Job/Task: <i>Na</i>		
Job/Task			
5.	Job Safety Analysis Form		
	Basic Job Steps	Potential Accidents or Hazards	General
	inspection		
6.	Comments:		
Review			
7.	Completed By:		Jerry Cleppe
			

Periodic Crane & Hoist Inspection Report

Titan, Inc.
1340 Grandview Parkway
Sturtevant, WI 53177

FolderID: J28-03533
FormID: 16481077



Overhead Crane (B30.2 & B30.17)

Completed by: 28- Jerry Cleppe on 04/10/2023

Location: North Bay

CRANE 1 UNIT ID: 001

QR Code: C12058902

Status: In Service

Equipment Type:	Top Running Bridge with Runway
Rated Load:	20 Tons
Electrification Systems:	Festooned Flat Cable
Primary Power Voltage:	460/3/60
Crane Manufacturer:	Superior Crane Corporation
Crane Serial Number:	19517-1
Cab Operated Crane:	No Cab
Floor Operated Crane :	Wireless Pendants (Radio Controls)
Service Platforms (Footwalks):	No
Service Class:	Class B (Light, 2-5 lifts per hour)
Environment:	Indoor
Type(s) of Bridge Brakes:	Worm Gear / Frictional Braking
Hoist Quantity:	Main & Aux
Hoist Type, Hoist 1:	Wire Rope
Capacity, Hoist 1:	10 Ton
Manufacturer, Hoist 1:	R&M
Model Number, Hoist 1:	Sx50410100p55fdlos
Serial Number, Hoist 1:	58679469
Hoist 1 Chain or Wire Rope: Length, Diameter & End Fittings:	Oem
Hoist Lifting Height:	25'
Hoist Type, Hoist 2:	Wire Rope
Manufacturer, Hoist 2:	R&M
Capacity, Hoist 2:	10 Ton
Model Number, Hoist 2:	Sx50410100p55fdols
Serial Number, Hoist 2:	58679470
Hoist 2 Chain or Wire Rope: Length, Diameter & End Fittings:	Oem
Number of Trolleys:	2 Trolleys
Trolley Type:	Motorized
Trolley Serial Number:	Na
Access from Ground (in feet):	20
Access to Equipment:	Customer Provided Lift
Permanently Mounted Magnets:	No

Priorities Found: ● 1 - Low ● 52 - Good

Documentation

- 1. Initial Load Test Records (SAT) Satisfactory

The inspection and related services provided by CRANE1, as detailed in this Service Report, are subject to and conditioned upon the waiver, indemnification, and other terms set forth in ATTACHMENT A to this Service Report

● 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	(SAT) Satisfactory
● 11.	General House Keeping	(SAT) Satisfactory
● 12.	Warning Light or Device	(SAT) Satisfactory
● 13.	Lubrication	(SAT) Satisfactory
● 14.	Operation Test Performed	(SAT) Satisfactory
Hoist(s)		
● 15.	Hook and Latch	(SAT) Satisfactory
	16. Hook Throat Opening Dimension	oem
● 17.	Load Cable (Wire Rope) or Load Chain	(REC) Recommendation (No Deficiency)
	🗨 <i>The auxiliary hoist wire rope has a small wave in it</i> Resolved: (09/23/2025)	
	18. Wire Rope or Chain Dimension	oem
● 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.	Running Sheaves and Pins	(SAT) Satisfactory
● 24.	Hoist Frame and Suspension	(SAT) Satisfactory
● 25.	Hoist Gear Box	(SAT) Satisfactory
● 26.	Motors & Motor Pinions	(SAT) Satisfactory
● 27.	Hoist Motor Brake	(SAT) Satisfactory
● 28.	Hoist Drum or Chain Liftwheel	(SAT) Satisfactory
● 29.	Upper & Lower Limits	(SAT) Satisfactory
Trolley(s)		
● 30.	Frame & Bumper	(SAT) Satisfactory
● 31.	Rail Sweeps / Drop Lugs	(SAT) Satisfactory
● 32.	Wheels & Bearings	(SAT) Satisfactory
● 33.	Gear Box(s), Open Gears	(SAT) Satisfactory
● 34.	Motors & Pinions	(SAT) Satisfactory
● 35.	Trolley Brake(s) Linings and Discs	(SAT) Satisfactory

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Electric Controls		
● 36.	Control Panel & Cover	(SAT) Satisfactory
● 37.	Wiring Cables & Fittings	(SAT) Satisfactory
● 38.	Control Station & Buttons	(SAT) Satisfactory
● 39.	Contactors & Contactor Tips	(SAT) Satisfactory
● 40.	Mainline Contactor	(SAT) Satisfactory
● 41.	Resistors / Soft Start	(SAT) Satisfactory
● 42.	Main Line Conductor	(SAT) Satisfactory
● 43.	Trolley Conductor	(SAT) Satisfactory
● 44.	Collector Shoes	(SAT) Satisfactory
Crane		
● 45.	End Trucks, Bumpers, Buffers	(SAT) Satisfactory
● 46.	Wheels, Axles, Bearings	(SAT) Satisfactory
● 47.	Rail Sweeps, Drop Lugs	(SAT) Satisfactory
● 48.	Girder, Connection, Structure	(SAT) Satisfactory
● 49.	Gear Boxes, Open Gears	(SAT) Satisfactory
● 50.	Motors & Pinions	(SAT) Satisfactory
● 51.	Brake (s) Linings & Discs	(SAT) Satisfactory
Structure / Runway		
● 52.	Runway Beams & Stops	(SAT) Satisfactory
● 53.	Rail, Attachment, Splices	(SAT) Satisfactory
● 54.	Runway, Alignment / Span	(SAT) Satisfactory
● 55.	Columns / Tiebacks	(SAT) Satisfactory
Date & Signature:		
56.	Date of the Inspection	04/10/2023
57.	Lead Inspector Name	Jerry Cleppe

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Periodic Crane & Hoist Inspection Report

Titan, Inc.
1340 Grandview Parkway
Sturtevant, WI 53177

FolderID: J28-03533
FormID: 16481078



Overhead Crane (B30.2 & B30.17)

Completed by: 28- Jerry Cleppe on 04/10/2023

Location: North Bay

CRANE 1 UNIT ID: 002

QR Code: C12058901

Status: In Service

Equipment Type:	Top Running Bridge with Runway
Rated Load:	10 Tons
Electrification Systems:	Festooned Flat Cable
Primary Power Voltage:	460/3/60
Crane Manufacturer:	Superior Crane Corporation
Crane Serial Number:	19517-2
Cab Operated Crane:	No Cab
Floor Operated Crane :	Wireless Pendants (Radio Controls)
Service Platforms (Footwalks):	No
Service Class:	Class B (Light, 2-5 lifts per hour)
Environment:	Indoor
Type(s) of Bridge Brakes:	Service Brake/Holding Brake
Hoist Quantity:	Main
Hoist Type, Hoist 1:	Wire Rope
Capacity, Hoist 1:	10 Ton
Manufacturer, Hoist 1:	R&M
Model Number, Hoist 1:	Sx50410100p55fdlos
Serial Number, Hoist 1:	58684143
Hoist 1 Chain or Wire Rope: Length, Diameter & End Fittings:	Oem
Hoist Lifting Height:	25'
Number of Trolleys:	1 Trolley
Trolley Type:	Motorized
Trolley Serial Number:	Na
Access from Ground (in feet):	25
Access to Equipment:	Customer Provided Lift
Permanently Mounted Magnets:	No

Priorities Found: ● 53 - 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
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● 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.	Warning Light or Device	(SAT) Satisfactory
● 13.	Lubrication	(SAT) Satisfactory
● 14.	Operation Test Performed	(SAT) Satisfactory
Hoist(s)		
● 15.	Hook and Latch	(SAT) Satisfactory
	16. Hook Throat Opening Dimension	oem
● 17.	Load Cable (Wire Rope) or Load Chain	(SAT) Satisfactory
	18. Wire Rope or Chain Dimension	oem
● 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.	Running Sheaves and Pins	(SAT) Satisfactory
● 24.	Hoist Frame and Suspension	(SAT) Satisfactory
● 25.	Hoist Gear Box	(SAT) Satisfactory
● 26.	Motors & Motor Pinions	(SAT) Satisfactory
● 27.	Hoist Motor Brake	(SAT) Satisfactory
● 28.	Hoist Drum or Chain Liftwheel	(SAT) Satisfactory
● 29.	Upper & Lower Limits	(SAT) Satisfactory
Trolley(s)		
● 30.	Frame & Bumper	(SAT) Satisfactory
● 31.	Rail Sweeps / Drop Lugs	(SAT) Satisfactory
● 32.	Wheels & Bearings	(SAT) Satisfactory
● 33.	Gear Box(s), Open Gears	(SAT) Satisfactory
● 34.	Motors & Pinions	(SAT) Satisfactory
● 35.	Trolley Brake(s) Linings and Discs	(SAT) Satisfactory
Electric Controls		
● 36.	Control Panel & Cover	(SAT) Satisfactory
● 37.	Wiring Cables & Fittings	(SAT) Satisfactory
● 38.	Control Station & Buttons	(SAT) Satisfactory
● 39.	Contactors & Contactor Tips	(SAT) Satisfactory
● 40.	Mainline Contactor	(SAT) Satisfactory
● 41.	Resistors / Soft Start	(SAT) Satisfactory

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● 42.	Main Line Conductor	(SAT) Satisfactory
● 43.	Trolley Conductor	(SAT) Satisfactory
● 44.	Collector Shoes	(SAT) Satisfactory
Crane		
● 45.	End Trucks, Bumpers, Buffers	(SAT) Satisfactory
● 46.	Wheels, Axles, Bearings	(SAT) Satisfactory
● 47.	Rail Sweeps, Drop Lugs	(SAT) Satisfactory
● 48.	Girder, Connection, Structure	(SAT) Satisfactory
● 49.	Gear Boxes, Open Gears	(SAT) Satisfactory
● 50.	Motors & Pinions	(SAT) Satisfactory
● 51.	Brake (s) Linings & Discs	(SAT) Satisfactory
Structure / Runway		
● 52.	Runway Beams & Stops	(SAT) Satisfactory
● 53.	Rail, Attachment, Splices	(SAT) Satisfactory
● 54.	Runway, Alignment / Span	(SAT) Satisfactory
● 55.	Columns / Tiebacks	(SAT) Satisfactory
Date & Signature:		
56.	Date of the Inspection	04/10/2023
57.	Lead Inspector Name	Jerry Cleppe

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Periodic Crane & Hoist Inspection Report

Titan, Inc.
1340 Grandview Parkway
Sturtevant, WI 53177

FolderID: J28-03533
FormID: 16481079



Overhead Crane (B30.2 & B30.17)

Completed by: 28- Jerry Cleppe on 04/10/2023

Location: South Bay

CRANE 1 UNIT ID: 003

QR Code: C12058903

Status: In Service

Equipment Type:	Top Running Bridge with Runway
Rated Load:	5 Tons
Electrification Systems:	Festooned Flat Cable
Primary Power Voltage:	460/3/60
Crane Manufacturer:	Overhead Material Handling
Crane Serial Number:	4916
Cab Operated Crane:	No Cab
Floor Operated Crane :	Wireless Pendants (Radio Controls)
Service Platforms (Footwalks):	No
Service Class:	Class B (Light, 2-5 lifts per hour)
Environment:	Indoor
Type(s) of Bridge Brakes:	Worm Gear / Frictional Braking
Hoist Quantity:	Main
Hoist Type, Hoist 1:	Wire Rope
Capacity, Hoist 1:	5 Ton
Manufacturer, Hoist 1:	R&M
Model Number, Hoist 1:	Sx40410050p35fbolf
Serial Number, Hoist 1:	HMW30144
Hoist 1 Chain or Wire Rope: Length, Diameter & End Fittings:	Oem
Hoist Lifting Height:	25'
Number of Trolleys:	1 Trolley
Trolley Type:	Motorized
Trolley Serial Number:	Na
Access from Ground (in feet):	20
Access to Equipment:	Customer Provided Lift
Permanently Mounted Magnets:	No

Priorities Found: ● 53 - Good

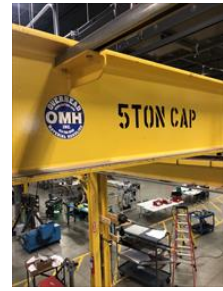
Documentation

● 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
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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. Warning Light or Device	(SAT) Satisfactory
13. Lubrication	(SAT) Satisfactory
14. Operation Test Performed	(SAT) Satisfactory

Hoist(s)

15. Hook and Latch	(SAT) Satisfactory
16. Hook Throat Opening Dimension	oem
17. Load Cable (Wire Rope) or Load Chain	(SAT) Satisfactory
18. Wire Rope or Chain Dimension	oem



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. Running Sheaves and Pins	(SAT) Satisfactory
24. Hoist Frame and Suspension	(SAT) Satisfactory
25. Hoist Gear Box	(SAT) Satisfactory
26. Motors & Motor Pinions	(SAT) Satisfactory
27. Hoist Motor Brake	(SAT) Satisfactory
28. Hoist Drum or Chain Liftwheel	(SAT) Satisfactory
29. Upper & Lower Limits	(SAT) Satisfactory

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Trolley(s)		
● 30.	Frame & Bumper	(SAT) Satisfactory
● 31.	Rail Sweeps / Drop Lugs	(SAT) Satisfactory
● 32.	Wheels & Bearings	(SAT) Satisfactory
● 33.	Gear Box(s), Open Gears	(SAT) Satisfactory
● 34.	Motors & Pinions	(SAT) Satisfactory
● 35.	Trolley Brake(s) Linings and Discs	(SAT) Satisfactory
Electric Controls		
● 36.	Control Panel & Cover	(SAT) Satisfactory
● 37.	Wiring Cables & Fittings	(SAT) Satisfactory
● 38.	Control Station & Buttons	(SAT) Satisfactory
● 39.	Contactors & Contactor Tips	(SAT) Satisfactory
● 40.	Mainline Contactor	(SAT) Satisfactory
● 41.	Resistors / Soft Start	(SAT) Satisfactory
● 42.	Main Line Conductor	(SAT) Satisfactory
● 43.	Trolley Conductor	(SAT) Satisfactory
● 44.	Collector Shoes	(SAT) Satisfactory
Crane		
● 45.	End Trucks, Bumpers, Buffers	(SAT) Satisfactory
● 46.	Wheels, Axles, Bearings	(SAT) Satisfactory
● 47.	Rail Sweeps, Drop Lugs	(SAT) Satisfactory
● 48.	Girder, Connection, Structure	(SAT) Satisfactory
● 49.	Gear Boxes, Open Gears	(SAT) Satisfactory
● 50.	Motors & Pinions	(SAT) Satisfactory
● 51.	Brake (s) Linings & Discs	(SAT) Satisfactory
Structure / Runway		
● 52.	Runway Beams & Stops	(SAT) Satisfactory
● 53.	Rail, Attachment, Splices	(SAT) Satisfactory
● 54.	Runway, Alignment / Span	(SAT) Satisfactory
● 55.	Columns / Tiebacks	(SAT) Satisfactory
Date & Signature:		
56.	Date of the Inspection	04/10/2023
57.	Lead Inspector Name	Jerry Cleppe

The inspection and related services provided by CRANE1, as detailed in this Service Report, are subject to and conditioned upon the waiver, indemnification, and other terms set forth in ATTACHMENT A to this Service Report

Periodic Crane & Hoist Inspection Report

Titan, Inc.
1340 Grandview Parkway
Sturtevant, WI 53177

FolderID: J28-03533
FormID: 16481080



Overhead Crane (B30.2 & B30.17)

Completed by: 28- Jerry Cleppe on 04/10/2023

Location: South Bay

CRANE 1 UNIT ID: 004

QR Code: C12058904

Status: In Service

Equipment Type:	Top Running Bridge with Runway
Rated Load:	5 Tons
Electrification Systems:	Festooned Flat Cable
Primary Power Voltage:	460/3/60
Crane Manufacturer:	Overhead Material Handling
Crane Serial Number:	3947
Cab Operated Crane:	No Cab
Floor Operated Crane :	Wireless Pendants (Radio Controls)
Service Platforms (Footwalks):	No
Service Class:	Class B (Light, 2-5 lifts per hour)
Environment:	Indoor
Type(s) of Bridge Brakes:	Worm Gear / Frictional Braking
Hoist Quantity:	Main
Hoist Type, Hoist 1:	Wire Rope
Capacity, Hoist 1:	5 Ton
Manufacturer, Hoist 1:	Yale
Model Number, Hoist 1:	WB3M-25
Serial Number, Hoist 1:	06d03f167
Hoist 1 Chain or Wire Rope: Length, Diameter & End Fittings:	Oem
Hoist Lifting Height:	20'
Number of Trolleys:	1 Trolley
Trolley Type:	Motorized
Trolley Serial Number:	Na
Access to Equipment:	Customer Provided Lift
Permanently Mounted Magnets:	No

Priorities Found: ● 1 - High ● 51 - 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
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● 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
■	<i>Corrected at inspection</i>	
● 11.	General House Keeping	(SAT) Satisfactory
● 12.	Warning Light or Device	(SAT) Satisfactory
● 13.	Lubrication	(SAT) Satisfactory
● 14.	Operation Test Performed	(SAT) Satisfactory

Hoist(s)

● 15.	Hook and Latch	(DEF) Code / Safety Deficiency - Repair Required
■	<i>Safety latch missing</i>	



16.	Hook Throat Opening Dimension	oem
● 17.	Load Cable (Wire Rope) or Load Chain	(SAT) Satisfactory
18.	Wire Rope or Chain Dimension	oem
● 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.	Running Sheaves and Pins	(SAT) Satisfactory
● 24.	Hoist Frame and Suspension	(SAT) Satisfactory
● 25.	Hoist Gear Box	(SAT) Satisfactory
● 26.	Motors & Motor Pinions	(SAT) Satisfactory
● 27.	Hoist Motor Brake	(SAT) Satisfactory
● 28.	Hoist Drum or Chain Liftwheel	(SAT) Satisfactory
● 29.	Upper & Lower Limits	(SAT) Satisfactory

Trolley(s)

● 30.	Frame & Bumper	(SAT) Satisfactory
● 31.	Rail Sweeps / Drop Lugs	(SAT) Satisfactory
● 32.	Wheels & Bearings	(SAT) Satisfactory
● 33.	Gear Box(s), Open Gears	(SAT) Satisfactory

The inspection and related services provided by CRANE1, as detailed in this Service Report, are subject to and conditioned upon the waiver, indemnification, and other terms set forth in ATTACHMENT A to this Service Report

● 34. Motors & Pinions	(SAT) Satisfactory
Electric Controls	
● 35. Control Panel & Cover	(SAT) Satisfactory
● 36. Wiring Cables & Fittings	(SAT) Satisfactory
● 37. Control Station & Buttons	(SAT) Satisfactory
● 38. Contactors & Contactor Tips	(SAT) Satisfactory
● 39. Mainline Contactor	(SAT) Satisfactory
● 40. Resistors / Soft Start	(SAT) Satisfactory
● 41. Main Line Conductor	(SAT) Satisfactory
● 42. Trolley Conductor	(SAT) Satisfactory
● 43. Collector Shoes	(SAT) Satisfactory
Crane	
● 44. End Trucks, Bumpers, Buffers	(SAT) Satisfactory
● 45. Wheels, Axles, Bearings	(SAT) Satisfactory
● 46. Rail Sweeps, Drop Lugs	(SAT) Satisfactory
● 47. Girder, Connection, Structure	(SAT) Satisfactory
● 48. Gear Boxes, Open Gears	(SAT) Satisfactory
● 49. Motors & Pinions	(SAT) Satisfactory
● 50. Brake (s) Linings & Discs	(SAT) Satisfactory
Structure / Runway	
● 51. Runway Beams & Stops	(SAT) Satisfactory
● 52. Rail, Attachment, Splices	(SAT) Satisfactory
● 53. Runway, Alignment / Span	(SAT) Satisfactory
● 54. Columns / Tiebacks	(SAT) Satisfactory
Date & Signature:	
55. Date of the Inspection	04/10/2023
56. Lead Inspector Name	Jerry Cleppe

The inspection and related services provided by CRANE1, as detailed in this Service Report, are subject to and conditioned upon the waiver, indemnification, and other terms set forth in ATTACHMENT A to this Service Report

Periodic Crane & Hoist Inspection Report

Titan, Inc.
1340 Grandview Parkway
Sturtevant, WI 53177

FolderID: J28-03533
FormID: 16481081



Overhead Crane (B30.2 & B30.17)

Completed by: 28- Jerry Cleppe on 04/10/2023

Location: Panel Shop

CRANE 1 UNIT ID: 005

QR Code: C12058905

Status: In Service

Equipment Type:	Underhung Single Girder Bridge with Runway
Rated Load:	2 Tons
Electrification Systems:	Festooned Round Cable
Primary Power Voltage:	460/3/60
Crane Manufacturer:	Gorbel
Crane Serial Number:	Missing
Cab Operated Crane:	No Cab
Floor Operated Crane :	Handheld Pushbutton (Pendent Station)
Service Platforms (Footwalks):	No
Service Class:	Class B (Light, 2-5 lifts per hour)
Environment:	Indoor
Type(s) of Bridge Brakes:	Jib, No Bridge Brake
Hoist Quantity:	Main
Hoist Type, Hoist 1:	Chain
Capacity, Hoist 1:	2 Ton
Manufacturer, Hoist 1:	CM
Model Number, Hoist 1:	R
Serial Number, Hoist 1:	L-1136MH
Hoist 1 Chain or Wire Rope: Length, Diameter & End Fittings:	24'
Hoist Lifting Height:	12'
Number of Trolleys:	1 Trolley
Trolley Type:	Manual (Plain)
Access from Ground (in feet):	15
Access to Equipment:	Customer Provided Lift
Permanently Mounted Magnets:	No

Priorities Found: ● 2 - High ● 1 - Medium ● 33 - 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
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The inspection and related services provided by CRANE1, as detailed in this Service Report, are subject to and conditioned upon the waiver, indemnification, and other terms set forth in ATTACHMENT A to this Service Report



● 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)

● 14. Hook and Latch	(SAT) Satisfactory
15. Hook Throat Opening Dimension	oem
● 16. Load Cable (Wire Rope) or Load Chain	(SAT) Satisfactory
17. Wire Rope or Chain Dimension	oem
● 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. Hoist Frame and Suspension	(SAT) Satisfactory
● 23. Hoist Gear Box	(SAT) Satisfactory
● 24. Motors & Motor Pinions	(SAT) Satisfactory
● 25. Hoist Motor Brake	(SAT) Satisfactory
● 26. Hoist Drum or Chain Liftwheel	(SAT) Satisfactory
● 27. Upper & Lower Limits	(SAT) Satisfactory
● 28. Chain Container	(DEF) Code / Safety Deficiency - Repair Required

■ *Suspension is damaged*



Trolley(s)

● 29. Frame & Bumper	(SAT) Satisfactory
● 30. Wheels & Bearings	(SAT) Satisfactory
Electric Controls	
● 31. Control Station & Buttons	(SAT) Satisfactory
● 32. Contactors & Contactor Tips	(SAT) Satisfactory

The inspection and related services provided by CRANE1, as detailed in this Service Report, are subject to and conditioned upon the waiver, indemnification, and other terms set forth in ATTACHMENT A to this Service Report

33. Main Line Conductor

(REP) Repair Deficiency -
Repair Required

Stack up extension is on the wrong runway

Resolved: (09/23/2025)



34. Trolley Conductor

(DEF) Code / Safety Deficiency
- Repair Required

Trolley stop needs to be relocated to avoid further damage to festoon trolleys.

Resolved: (09/23/2025)



Crane

35. End Trucks, Bumpers, Buffers

(SAT) Satisfactory

36. Wheels, Axles, Bearings

(SAT) Satisfactory

37. Rail Sweeps, Drop Lugs

(SAT) Satisfactory

38. Girder, Connection, Structure

(SAT) Satisfactory

Date & Signature:

39. Date of the Inspection

04/10/2023

40. Lead Inspector Name

Jerry Cleppe

ATTACHMENT A (Rev. June 2024)

The inspection and related services provided by CRANE 1 to Customer are subject to and conditioned upon Customer's agreement to the following terms and conditions:

WAIVER – To the fullest extent permitted by law, CRANE 1 disclaims all warranties, both express and implied, relating to the information, reports, opinions, and analysis disclosed to the Customer by CRANE 1. CRANE 1 shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions, and analysis by the Customer.

LIMITATIONS/QUALIFICATIONS ON SCOPE OF SERVICES AND REPORTING – The inspection findings provided by CRANE 1 in the *Service Report are based upon interpretations of the most current versions of applicable OSHA 1910, ASME, ANSI B30, CMAA, and NEC standards and regulations. The inspection findings represent conditions observed on the day and time of inspection. Correction of noted code and safety deficiencies will return the equipment to a compliant status. Per OSHA and ANSI requirements, all noted safety hazards shall be corrected before placing equipment back into service. To ensure that your equipment is safe and productive, CRANE 1 recommends the implementation of a comprehensive inspection program with preventive maintenance incorporating daily shift inspections, weekly to monthly "Frequent Inspections," Monthly to annual "Periodic Inspections."

CUSTOMER RESPONSIBILITIES – Customer is solely responsible for ensuring its employees are qualified and trained to operate the crane(s), related lifting equipment, and/or any other machinery being inspected by CRANE 1. The inspection findings include recommendations; however, the Customer is solely responsible for maintenance and repairs of all equipment. The Customer is solely responsible for taking a crane or piece of equipment out of service. Crane 1 can recommend removing a crane or piece of equipment from service but the ultimate decision and responsibility is with the Customer.

INDEMNIFICATION – Except as otherwise provided below, and to the fullest extent permitted by law, Customer hereby assumes responsibility and liability for any and all claims, damages, losses and expenses, including, but not limited to attorneys' fees and costs, including Crane 1's attorneys' fees and costs incurred to enforce this Indemnification provision, resulting from, arising out of or occurring in connection with the information, reports, opinions and analysis disclosed to the Customer by CRANE 1. Customer further agrees to indemnify, defend, and hold harmless CRANE 1 and any of its respective officers, agents, servants, or employees, and affiliates, parents and subsidiaries (the "Indemnified Parties") from and against any and all claims pertaining to any equipment, machinery, or other property owned, borrowed, leased or rented by Customer, or otherwise in the possession of Customer at all times relevant, inspected by CRANE 1 for Customer, whether or not such claims are based upon any of the Indemnified Parties' alleged fault or upon any alleged breach of any statutory duty or obligation on the part of any of the Indemnified Parties, and further from and against any and all loss, cost, expense, liability, damage, penalties, fines or injury, legal fees and disbursements, including legal fees and costs incurred in enforcing this Indemnification provision, that any of the Indemnified Parties may directly or indirectly sustain, suffer or incur as a result thereof. However, this provision shall not be construed in any way to require the Customer, its agents, and its employees to indemnify the Indemnified Parties for any claims caused by or resulting from the Indemnified Parties' own fault or negligence. The Customer agrees to and does hereby assume, on behalf of the Indemnified Parties, the defense of any action at law or in equity which may be brought against the Indemnified Parties upon or by reason of such claims and to pay on behalf of the Indemnified Parties, upon demand, the amount of any judgment that may be entered against the Indemnified Parties in any such action. IN THE EVENT THAT THE LAW OF THE STATE IN WHICH THE CUSTOMER IS LOCATED LIMITS THE INDEMNITY OBLIGATIONS OF THE CUSTOMER, THEN THE INDEMNITY OBLIGATIONS OF THE CUSTOMER SHALL BE ENFORCED TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, AND THIS ARTICLE SHALL BE CONSTRUED TO CONFORM TO SUCH LAW.

The inspection and related services provided by CRANE1, as detailed in this Service Report, are subject to and conditioned upon the waiver, indemnification, and other terms set forth in ATTACHMENT A to this Service Report