



Boom Truck Crane

A. General Information

Owner	DNB Energy Services	Date	09/27/2023
Location	Watford City, ND	Contact Person	Nevin
Service Status	Operational	Hours	8331.6
Make	Terex	Model	TC8374
Serial #	4760499193	Hoists #	1
Trolleys	0	Unit ID	3874
Capacity	38t	Inspector	K. Elliott

REFERENCES: O = OSHA 1910.179, ANSI b30.2 (1967) A = ASME B30.2 9(latest), B30.10 (latest) **STATUS:** S=Satisfactory D=Deficiency M=Monitor R= Recommendations N/A=Not Applicable

B. Historical Records

1.Monthly Inspection	M	Comments	Monitor and maintain proper record keeping per standard
2.Maintenance Records	M	Comments	Monitor and maintain proper record keeping per standard
3.Modification Records	M	Comments	Monitor and maintain proper record keeping per standard
4.Load Test Records	M	Comments	Monitor and maintain proper record keeping per standard

C. General

5.Guards/Covers	S	Comments	
6.External Lights	S	Comments	
7.Warning Decals	M	Comments	Monitor and replace decals and safety warning signs as needed due to fading and wear and tear
8.Housekeeping	S	Comments	
9.Hand Signal Chart	S	Comments	

D.Truck Power Plant

10.Performance	S	Comments	
11.Exhaust System/Guards & Insulators	M	Comments	Flex pipe under transmission slight leaks
12.Belts/Hoses	S	Comments	
13.Guards/Covers-Rotat & Recip Parts	S	Comments	
14.Other	Select One	Comments	

E.Outriggers/Stabilizers

15.Boxes	S	Comments	
16.Beams	S	Comments	
17.Cylinders	S	Comments	
18.Floats/Pads	S	Comments	
19.Hydraulic Hoses/Tubes/Fittings	S	Comments	
20.Holding Valves/Pins	S	Comments	
21.Caution/Warning Signs	M	Comments	Monitor and replace decals and safety warning signs as needed due to fading and wear and tear

F.Operator's Station

22.Grab Rails/Steps/Platforms	S	Comments	
23.Door Restraint	N/A	Comments	
24.Windows	N/A	Comments	
25.Anti-Skid Surface	S	Comments	
26.Fire Extinguisher	S	Comments	
27.Electrocution Warning Sign	M	Comments	Monitor and replace decals and safety warning signs as needed due to fading and wear and tear
28.Controls Identified	S	Comments	
29.Controls-Forces/Movements	S	Comments	
30.Accelerator/Throttle Control	S	Comments	
31.Horn	S	Comments	
32.Seat	N/A	Comments	

G.Load Chart

33.Per Configuration	S	Comments	
Comments		35.Legible	S
Comments		36.Visible From Operator's Station	S
Comments		37.Secured	S

Comments	

H.Safety Devices/Operational Aids

38.Boom Angle Indicator	S	Comments	
39.Boom Length Indicator	S	Comments	
40.Drum Rotation Indicator	N/A	Comments	
41.Overload Protection	S	Comments	
42.Crane Level Indicator	S	Comments	
43.Anti-Two-Block Device	S	Comments	
44.Outrigger/Stabilizer Position Sensor	N/A	Comments	

34.Durable	S	

I.Upper Structure

45.Turntable	S	Comments	
46.Mounting	S	Comments	
47.Turret	S	Comments	
48.Hydraulic Pump(s)	S	Comments	
49.Hydraulic Hoses/Tubes/Fittings	S	Comments	
50.Hydraulic Pressure	S	Comments	
51.Electrical Wiring	S	Comments	
52.Hoist Brake	S	Comments	
53.Hoist - Motor/Valves/Lines	S	Comments	
54.Hoist - Spooling	S	Comments	
55.Hoist - Minimum (2) Rope Wraps	S	Comments	
56.Swing Gear Box	S	Comments	
57.Electrocution Warning Sign	M	Comments	Monitor and replace decals and safety warning signs as needed due to fading and wear and tear

J.Main Boom

58.Lift Cylinder(s)	S	Comments	
59.Telescoping Cylinder(s)	S	Comments	
60.Hydraulic Hoses/Tubing & Fittings	S	Comments	
61.Holding Device	S	Comments	
62.Boom Sections Alignment	S	Comments	
63.Wear Pads	R	Comments	Recommend lubricating wear pads and boom sheaves

64.Sheaves	S	Comments	
65.Hoist Line Dead End	S	Comments	
66.Wire Rope Retainer	S	Comments	
67.Boom Hinge Pin	S	Comments	
68.Boom Head Section	S	Comments	
69.Structure	S	Comments	
70.Other	Select One	Comments	

K.Jib/Extension

71.Positive Stops	N/A	Comments	
72.Sheave(s)	N/A	Comments	
73.Wire Rope Retainer	N/A	Comments	
74.Structure	N/A	Comments	
75.Pins and Locking Devices	N/A	Comments	
76.Other	Select One	Comments	
77.Other	Select One	Comments	

L.Wire Rope

Hoist

Type	Rotation Resistant	Size	9/16"
Construct	18x7	Grade	EEIPS
Core	IWRC	Rope Damage	S
Measured Wear	S	Broken Wires	S
Lubrication	R	End Connection	S
Status	S		

Pendants

Type		Size	
Construct		Grade	
Core		Rope Damage	
Measured Wear		Broken Wires	
Lubrication		End Connection	
Status	N/A		

M.Load Blocks & Hooks

Manufacturer	Terex Crane	S/N	98-12469
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Rated Capacity	17.5	Block Weight	171 lbs
Hook Tram Measurement		78.Capacity Marking	S
79.Weight Marking	S	80.Sheave(s)	S
81.Safety Latch(s)	S	82.O* Hook Bend or Twist	S
83.5% Hook Opening or 1/4" Max	S	84.10% Hook Wear	S
85.Bearing	S	86.Wedge Socket/End Fitting	S
87.Reeving	S	88.NDT Results	N/A
89.Other	Select One		

N.Downhaul Weight & Hook

Manufacturer		S/N	
Rated Capacity		Block Weight	
Hook Tram Measurement		90.Capacity Marking	N/A
91.Weight Marking	N/A	92.Safety Latche(s)	N/A
93.O*Hook Bend or Twist	N/A	94.5% Hook Opening or 1/4" Max.	N/A
95.10% Hook Wear Max.	N/A	96.Swivel/End Fitting	N/A
97.Wedge Socket/End Fitting	N/A	98.NDT Results	N/A
99.Other	Select One		

O.No-Load Operational Test

100.No-Load Operational Test	S
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P.Load Test

Main Boom

Boom/Ext/Jib/Length		Load Radius	
Boom Angle		Pasts of Line	
Rated Capacity		Test Capacity	
% of Rated Capacity			

Jib

Boom/Ext/Jib/Length		Load Radius	
Boom Angle		Pasts of Line	
Rated Capacity		Test Capacity	
% of Rated Capacity			

Results of Load Test	N/A	Comments	

Inspector		Company Representative	

Coach, Truck & Tractor, LLC.

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