



EQUIPMENT SERVICES, INC.®

INSPECTION CHECKLIST

Hydraulic Crane

Monthly		Quarterly		Annual	X
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INSPECTION #: 42648258

Pursuant to the Owner's request for inspection of the subject crane, this form outlines the criteria minimally required by the Manufacturer, OSHA, and ANSI

Make:	STINGER	Model:	TC3874	Serial:	4760497147	Hrs.	9312
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Date:	6/1/17	Inspector:	NATHAN MAYDEN
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Owner:	JOURNAGON	User:	JOURNAGON
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Crane Location:	SPRINGFIELD, MO	Equipment #:	10193712
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Terminology: S = Satisfactory, R=Action Recommendation
D = (Deficiency) Action Required,
NA = Not Applicable
COM. = See Comment Section for Details.

Note: List all required adjustments or recommended repairs in the remark section. Number remarks to correspond to description numbers on the inspection.

ITEM	REMARKS	NA	S	R	D	COM.
HISTORICAL DATA						
1) Monthly Inspection Records	NO RECORDS PRESENT			R		
2) Maintenance Records	NO RECORDS PRESENT			R		
3) Repair/Modification Records	NO RECORDS PRESENT			R		
GENERAL		NA	S	R	D	COM.
4) Sheet Metal			S			
5) Guards / Covers			S			
6) Lights / External			S			
7) Housekeeping			S			
8) Safety / Warning Decals & Labels	FADED AND HARD TO READ			R		
9) Hand Signal Chart (outside)			S			
10) Paint Condition/Corrosion Control	RUST ACCUMULATING ON BOOM			R		
11) Other						
POWER PLANT		NA	S	R	D	COM.
12) Turbocharger			S			
13) Oil Pressure			S			
14) Water Temperature			S			
15) Blow By			S			
16) Starting Ability			S			
17) Exhaust System/Guards/Insulation			S			
18) Oil Leaks	OIL LEAK IN ENGINE COMPARTMENT			R		
19) Air Cleaner			S			
20) Engine Mounting Hardware			S			
21) Operational Condition			S			
22) Hoses/Belts			S			
23) Other						
24) Other						
ELECTRICAL		NA	S	R	D	COM
25) Batteries			S			
26) Wiring			S			
27) Lights			S			
28) Alternator			S			
29) Starting system			S			
30) Instrumentation			S			
31) Switches			S			
32) Horn	AIR HORN DOES NOT OPERATE			R		
33) Other						

COOLING SYSTEM	REMARKS	NA	S	R	D	COM.
34) Radiator			S			
36) Leaks			S			
37) Fan / Belt / Guards			S			
38) Fan Type			S			
39) Other						
40) Other						
FUEL SYSTEM		NA	S	R	D	COM.
41) Operation			S			
42) Lines & Pump			S			
43) Tank			S			
44) Leaks			S			
45) Other						
46) Other						
TORQUE CONVERTER		NA	S	R	D	COM.
47) Charge Pressure		NA				
48) Temperature		NA				
49) Filter		NA				
50) Other						
TRANSMISSION		NA	S	R	D	COM.
51) Operation			S			
52) Clutch Slippage			S			
53) Oil Cooler			S			
54) Leaks			S			
55) Other						
56) Other						
DIFFERENTIAL		NA	S	R	D	COM.
57) Operation			S			
58) Drive Line			S			
59) Axles			S			
60) Planetaries			S			
61) Other						
62) Other						
HYDRAULIC SYSTEM		NA	S	R	D	COM.
63) Pumps			S			
64) Valves	GATE VALVE HANDLE BROKEN OFF			R		
65) Reservoir			S			
65) Hoses & Pipes			S			
66) Oil Level			S			
67) Control Valves			S			
68) Leaks			S			
69) Cylinder Condition	LIFT CYLINDER SEALS FALLING APART			R		
70) Swivels			S			

71) Solenoid Valves			S			
72) Operational			S			
HYDRAULIC SYSTEM (cont.)	REMARKS	NA	S	R	D	COM.
73) Swing Box			S			
74) Other						
75) Other						
STEERING		NA	S	R	D	COM.
76) Front Steer			S			
77) Rear Steer		NA				
78) Cylinder Condition		NA				
79) Steer Valve		NA				
80) Connections		NA				
81) Steer Knuckles		NA				
82) Other						
83) Other						
OSCILLATION LOCKOUT		NA	S	R	D	COM.
84) Valve Condition		NA				
85) Cylinder Condition		NA				
86) Fifth Wheel		NA				
87) Leaks		NA				
88) Other						
89) Other						
TIRES AND WHEELS		NA	S	R	D	COM.
90) Cuts			S			
91) Wear Pattern			S			
92) Lugs & Nuts			S			
93) Rims			S			
94) Size			S			
95) Ply Rating			S			
Brakes		NA	S	R	D	COM.
96) Drums & Linings			S			
97) Lines & Hoses			S			
98) Roto Chambers			S			
99) Brake Operation			S			
100) Other						
CARRIER FRAME		NA	S	R	D	COM.
101) Weld or Metal Cracks			S			
102) Distortion			S			
103) Bolts			S			
104) Modifications	PLATES WELDED TO PEDASTAL				D	
105) Other						
106) Other						

OUTRIGGERS	REMARKS	NA	S	R	D	COM.
107) Boxes			S			
108) Beams and Arms			S			
109) Cylinders, Leaks			S			
110) Solenoid Valves			S			
111) Pins & Connections			S			
112) Floats			S			
113) Holding Valves			S			
114) Hoses & Pipes			S			
115) Cracks & Breaks			S			
BOOM		NA	S	R	D	COM.
116) Alignment			S			
117) Wear Pads			S			
118) Bends or Twist	DOUBLER PLATE CAVED IN ON MAIN BOOM				D	
119) Abuses	LARGE DENT IN ROADSIDE OF BOOM				D	
120) Stress Marks			S			
121) Weld Cracks			S			
122) Lubrication			S			
123) Point Sheaves			S			
124) Guides & Guards			S			
125) Telescope Cylinders			S			
126) Boom Hinge Pin			S			
127) Boom Lift Cylinders			S			
128) Cylinder pins			S			
129) Hoses & Reels			S			
130) Length			S			
131) Other						
132) Other						
SHIPPER (structure)		NA	S	R	D	COM.
133) Alignment			S			
134) Weld or Metal Cracks			S			
135) Other						
136) Other						
TURNTABLE BEARING		NA	S	R	D	COM.
137) Bearing Deflection	DEFLECTION EXCESSIVE				D	
138) Bolts			S			
139) Teeth Pattern			S			
140) Pinion Wear	BACKLASH EXCESSIVE			R		
141) Lubrication			S			
142) Freeness of Swing			S			
143) Swing Brake			S			

144) Swing Box Noise			S				
145) Other							
146) Other							
HOIST	REMARKS	NA	S	R	D	COM.	
147) Condition Of Drums			S				
148) Hoist Brake			S				
149) Leaks			S				
150) Cable Spooling			S				
151) Lube inside drum			S				
152) Alignment			S				
153) Mounting			S				
154) Operational			S				
155) Cable Condition			S				
156) Other							
157) Other							
COUNTER WEIGHT		NA	S	R	D	COM.	
158) Modifications			S				
159) Mounting Bolts			S				
CAB		NA	S	R	D	COM.	
160) General Condition of Cab			S				
161) Glass			S				
162) Seat)			S				
163) Capacity Chart/Operators Manu.			S				
164) Windshield Wiper			S				
165) Heater			S				
166) Seat Belt			S				
167) Air Conditioner			S				
168) Control Levers	MISSING LETTERING ON KNOBS			R			
169) Instrument Panel			S				
170) Steering Wheel			S				
171) Pedals			S				
172) Other							
ATTACHMENTS	(ie. Boom Extensions)	NA	S	R	D	COM.	
173) Modifications		NA					
174) Attaching Points		NA					
175) Alignment		NA					
176) Damages		NA					
177) Sheaves Condition		NA					
178) Lattice & Chord		NA					
179) Pendant Lines		NA					
180) Turn Buckles & Pins		NA					
181) Stow Brackets		NA					
182) Auxiliary Boom nose		NA					
183) Other							

[illegible]

MAIN LOAD BLOCK & HOOK		NA	S	R	D	COM.
211) Manufacturer:	JOHNSON BLOCKS					
212) Rated Capacity:	12.5					
213) Block Weight:	182 LBS					
214) Hook Tram Meas.:						
215) Capacity Markings			S			
216) Weight Markings			S			
217) Sheaves			S			
218) Safety Latch			S			
219) 0% Hook Twist			S			
220) 5% Hook Throat Opening			S			
221) 10% Hook Wear			S			
222) Swivel			S			
223) Bearing			S			
224) Wedge Socket/ End Fitting			S			
225) Reeving			S			
226) NDT Results		NA				
227) Other						
HEADACHE BALL & HOOK	REMARKS	NA	S	R	D	COM.
228) Manufacturer:	NOT INSTALLED					
229) Rated Capacity:						
230) Block Weight:						
231) Hook Tram Meas.:						
232) Capacity Markings		NA				
233) Weight Markings		NA				
234) Safety Latch		NA				
235) 15% Hook Throat Opening		NA				
236) 10% hook Twist		NA				
237) 10% Hook Wear		NA				
238) Swivel		NA				
239) Bearing		NA				
240) Wedge Socket/End Fitting		NA				
241) NDT Results		NA				
242) Other		NA				

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WIRE ROPE

243) Rope Application	Type	Size	Const	Grade	Damage	Measured Wear	Broken Wires	Lube	Ends	Status
244) Main Hoist Drum	RRL	9/16	IWRC		S	9/16	S			S
245) Aux. Hoist Drum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
246) Boom Hoist Drum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
247) Boom Pendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
248) Jib Pendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
249) Other										

NO-LOAD OPERATIONAL TEST

250) No-Load Operational test	Status:	COMPLETE
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LOAD TEST

Hoisting From:	Boom/Jib Length	Load Radius	Boom Angle	Parts of Line	Rated Capacity	Test Weight	% of Rated Capacity
Boom							
Jib							

Results of Load Test	PASSED	FAILED	NA XXXXXX
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Explanation: LOAD TEST NOT PERFORMED, NOT REQUIRED

"H&E Equipment Services Inc. shall perform its services of visually inspecting the subject crane with care, skill, and diligence, in accordance with the applicable professional standards recognized in the profession; however, H&E has not made and does not make any guarantees or warranties of any kind with the respect to the condition of the subject crane or its fitness, suitability, or acceptability for any particular use or purpose, and H&E shall not be liable for any latent or material defects therein."

Date:	6/1/2018	Owners or Reps.	
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		Signature	
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The following corrective actions (repairs, adjustments, replacement parts, etc.) are to be performed by a qualified person in accordance with all manufacturer's instructions, specifications, and requirements.

Osha requires that, "any deficiency (D) shall be repaired or defective parts replaced before continued use."

Recommendations (R) should be considered for corrective action. The advisability of a particular recommendation depends on the facts in each situation. Any corrective action is to be performed by a qualified person in accordance with all manufacturer's recommendations, specifications, and requirements.

D=Deficiency R=Recommendations

D / R	ITEM #	EXPLANATION	DATE CORRECTED
R	1	NO RECORDS PRESENT	
R	2	NO RECORDS PRESENT	
R	3	NO RECORDS PRESENT	
R	8	DECALS FADED AND HARD TO READ	
R	10	RUST ACCUMULATING ON BOOM	
R	18	ENGINE OIL LEAKING IN SEVERAL PLACES	
R	32	AIR HORN DOES NOT OPERATE	
R	64	GATE VALVE HANDLE BROKEN	
R	69	LIFT CYLINDER SEALS FALLING APART	
D	104	MODIFICATIONS TO PEDASTAL	
D	118	DOUBLER AND BOOM BENT AT END OF BASE SECTION	
D	137	SWING BEARING DEFLECTION EXCESSIVE	
D	140	SWING BEARING BACKLASH EXCESSIVE	
D	168	CONTROLS MISSING LETTERING	
R	197	DECALS REDUNDANT	

