

F24-38
BLUE-MAR

 <p>Icon Energy Services Ltd. 268 Clearview Drive Red Deer County, Alberta, T4E 0A1 Phone: (403) 340-2225 Email: ndt@iconenergyservices.ca</p>	NDT REPORT		No.	DS-0971
	Inspection Date	23-May-25		
Work Order #	ICE-23894			
PO#	-			
Customer	TEKH GROUP INC.			
Branch	-			
Equipment Type	Side Boom			
Make	John Deere			
Model	450G			
Capacity	Refer to OEM specifications			
Size	-			
Other	-			
OEM S/N	783208			
Customer ID	-			
Rig/Unit:	- 92-640			
Test Method	ASTM E709			
Inspection Type	Certification			
Location	TeKh - Yard			
Procedure	MT NDT-0000 Section 4			
Acceptance Standard	CSA W59/API 8C/ICON Spec			
Yoke Manufacturer	Magswitch			
Yoke Calibration	23-May-25			
Blacklight Manufacturer	Labino			
Blacklight Calibration	23-May-25			
Lightmeter Manufacturer	Spectroline			
Lightmeter Calibration	21-Jun-24			
Magnetic Particles	Powder			
Material Temp (Celsius)	(5°C to 70°C)			

EQUIPMENT				TEST MEDIUM		TECHNIQUE	
Hand Yoke	<input type="checkbox"/>	No. N4846	Alloy Analyzer	<input type="checkbox"/>	No.		
Perm Magnet	<input checked="" type="checkbox"/>	No. 31820120287	Hardness Tester	<input type="checkbox"/>	No.		
Blacklight	<input type="checkbox"/>	No. 35217	UT Detector	<input type="checkbox"/>	No.		
Coil	<input type="checkbox"/>	No. C306	UT Probe	<input type="checkbox"/>	No.		
Gauss Meter	<input type="checkbox"/>	No.	Lightmeter	<input type="checkbox"/>	No. 2181659		
Surface Condition	Painted						
Wet	<input checked="" type="checkbox"/>	MPI	<input type="checkbox"/>	LPI	<input type="checkbox"/>		
Dry	<input checked="" type="checkbox"/>	AC	<input type="checkbox"/>	Water Washable	<input type="checkbox"/>		
Colour Contrast	<input checked="" type="checkbox"/>	DC	<input type="checkbox"/>	Post Emulsified	<input type="checkbox"/>		
Fluorescent	<input type="checkbox"/>	Continuous	<input checked="" type="checkbox"/>	Solvent Removable	<input type="checkbox"/>		
Penetrant Dye	<input type="checkbox"/>	Residual	<input type="checkbox"/>	Dwell Time (min)	<input type="checkbox"/>		
UTX	<input type="checkbox"/>			Develop Time (min)	<input type="checkbox"/>		

EXAMINATION:
Magnetic Particle and Visual Examination was performed on 100% of the accessible areas on the items listed above.

PHOTO/NOTES:



RESULTS:
1x indication marked for repair. Indication repaired and passed reinspection.
No other relevant indications were noted at the time of final inspection.

The results of inspected items reported by the company to the customer represent good faith opinions only and are not to be considered warranties or guarantees of quality, classification or usability of items inspected.

Technician BRENT WOODS MT2/XF2/DS1 CGSB Reg.# 18438 SNT-TC-1A Reg.# 18438 DS1# DS11_118119022023	Signature 	Assistant DARRELL SPENCE	Client Rep/Signature
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Document Information						
Doc#	Rev.	Rev. Date	Doc Name	Reviewer	Approver	Appr. Date
NDT-0401-00	7	2023-11-08	NDT Report (General)	BW	RE	2023-11-08



ANNUAL INSPECTION - Sideboom Tractor and Boom

DS-0971

Hours:	8251
Date:	May 23, 2025

VT=VISUAL
MT=MAG PARTICLE

SIDEBOOM TRACTOR

	VT	MT	OK	N/A	NOTES
Boom to Frame Mounting	X	X	X		
Boom Mount Pins and Retainers	X		X		
Counter Weight Mounting/Structure	X	X	X		
Counter Weight Track/Cylinders	X		X		
ROPS Structure				X	

ROPS S/N:	-
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SIDEBOOM STICK

	VT	MT	OK	N/A	NOTES
Boom Sections (Welds)	X	X	X		
Boom Sections (Camber/Twist Sweep)	X		X		
Boom Hinge	X	X	X		1x indication see photos
Boom Pins/Hardware/Retainers	X		X		
Boom Cathead/Sheave/Pin	X	X	X		

SIDEBOOM STICK

Make:	MIDWESTERN
Model:	16' 4"
S/N:	-
Capacity:	-

JIB ATTACHMENT

	VT	MT	OK	N/A	NOTES
Jib Boom Section (Welds)				X	
Jib Boom Section (Camber/Twist/Sweep)				X	
Jib Pins/Hardware/Retainers				X	

JIB ATTACHMENT

Make:	-
Model:	-
S/N:	-

MAIN LINE BLOCK/RIGGING

	VT	MT	OK	N/A	NOTES
Block/Sheave Condition	X		X		
Hook/Latch Condition	X	X	X		Safety latch needs to be replaced.
Hardware/Pins/Retainers	X		X		
Cable/Rigging/Hardware	X		X		
Winch Mounts/Fasteners/Structure	X	X	X		

BLOCK/HOOK

Make:	-
Model:	-
S/N:	-
Capacity:	-

HOIST LINE BLOCK/RIGGING

	VT	MT	OK	N/A	NOTES
Block/Sheave Condition	X				
Hook/Latch Condition				X	
Hardware/Pins/Retainers	X		X		
Cable/Rigging/Hardware	X		X		
Winch Mounts/Fasteners/Structure	X	X	X		

BLOCK/HOOK

Make:	-
Model:	-
S/N:	-
Capacity:	-

GENERAL

	VT	MT	OK	N/A	NOTES
Capacity and Controls Clearly Marked	X				
Anti-Two Block Device				X	
General Condition/Corrosion	X		X		
Load Indicator				X	
Load Chart	X				

Comments and Recommendations

Document Information

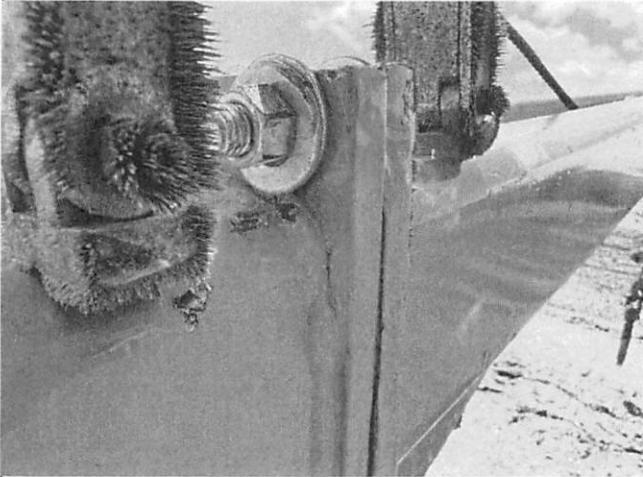
Doc#	Rev.	Rev. Date	Doc Name	Reviewer	Approver	Appr. Date
NDT-0510-00	8	2024-11-20	Annual Inspection Checklists	BW	RE	2024-11-20



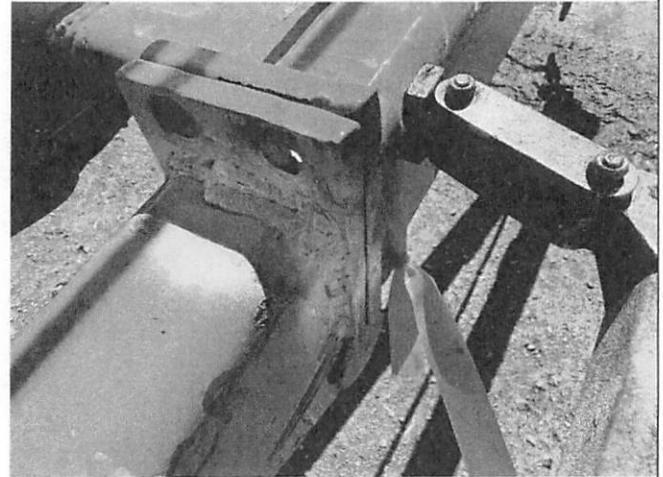
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NDT REPORT No. DS-0971

Description: PHOTOS



1x indication marked for repair on boom hinge



Indication repaired

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