


CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

Certificate Page: 1 Of 5

Date of Through Examination: 19/10/2025	Date of Report: 19/10/2025	Report Number: RAS-MU-251030043
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<u>Description and identification of the equipment:</u> Mobile Crane, Diesel powered, Hydraulic Operated, Telescoping Boom		Manufacturer: KATO Year of Manufacture: 2015 Model: NK-500E-V Serial Number: 4415841 Chassis Number: JNB0KG56T0001001 Plate Number: B 9266 BASRA	 SCAN ME
<u>Name and address of employer for whom the thorough examination was made:</u> AMJAD ALASIMA COMPANY <u>Address of premises at which the examination was made:</u> RAS YARD		Main Hoist Wire Diameter: 18(mm) Aux. Hoist Wire Diameter: 18(mm) Main Hoist Capacity: 50(Ton) Main Hook Serial Number: 111 Aux. Hoist Capacity: 4.5. (Ton) Aux. Hook Serial Number: 4J-315	Boom Length (Max-Min) 12.0 – 40.0 (Meter) Crane Capacity: 50Ton Safe Working Load (SWL): 50 Ton with fully extended outriggers

EXAMINED IN ACCORDING TO BS EN 7121-2-3

Description Details of Load Test @7 Falls	Boom Length(m)	Radius (m)	SWL (Ton)	Load Test (Ton)
Load test at 100 % SWL @7 Falls (Min.radius)	10.8	3.0	50.0	NIL
Load test at 100 % SWL (Intermediate radius)	18.1	7.0	20.0	19.425
Load test at 100 % SWL (Max. radius)	40.0	31.0	0.60	0.60

Is this the first examination after installation or assembly at a new site or location?	YES	NO	✓	Was the examination carried out:	YES	NO	✓
				Within an interval of 6 months?	YES	NO	✓
If the answer to the above question is YES, has the equipment been installed correctly?	YES	NO		Within an interval of 12 months?	YES	NO	✓
				In accordance with an examination scheme?	YES	NO	✓
				After the occurrence of exceptional circumstances?	YES	NO	✓

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **NONE**

Is the above a defect which is of immediate danger to persons: YES NO ✓

Is the above a defect which is not yet but could become a danger to persons: (if YES state the date by when) **NONE** Yes by:

Identification of any part found to have a defect which is or could become a danger to persons and a description of the defect: **NONE**

Particulars of any test carried out as part of examination:
 -The Equipment Has Been Function, Load & Proof Load Tested as Per **BS 7121-2-1 & BS 7121-2-3:2012**.
 - MPI has Been Done to the Main & Single Hook According to **ASTME 709**.

IS THIS EQUIPMENT SAFE TO OPERATE? YES ✓ NO

Name & Qualifications of person making this report: Ahmed Yahya	Name of person authenticating this report: Signature: Mustafa Salman	Latest date by which next thorough examination must be carried out: 18/10/2026
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Name and address of employer of person making and authenticating this report:
Hussein Ali Hussein, Basra, Burjesia



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GENERAL DESCRIPTION OF THE EQUIPMENT	Status			
	OK	NO	NA	Comments
1 – OPERATOR CAB	OK	NO	NA	Comments
Manufacturer's operation manual	✓			
Load chart & operator competency certificate	✓			
Controls / marking & air condition	✓			
Window / wipers / chair / door look & seals	✓			
Body work	✓			
2 – Boom	OK	NO	NA	Comments
Head section / root section / intermediate sections	✓			
Jib, boom, turret, boom extension	✓			
Joining pins or bolts	✓			
Foot pins & bushes	✓			
Sheaves, pins & structures	✓			
Chords	✓			
Lights	✓			
3 – SAFE LOAD INDICATOR	OK	NO	NA	Comments
Load indicator	✓			
Radius indicator	✓			
Angle	✓			
Audible warning	✓			
Visible warning	✓			
4 – CHASSIS	OK	NO	NA	Comments
Structural member / welding	✓			
Security of fastening	✓			
Electrical wiring / pipe work / body work	✓			
Level indicator / main block traveling connection point	✓			
Lights	✓			
5 – WHEELS	OK	NO	NA	Comments
Tier walls	✓			
Wheel nut security	✓			
Tier pressure	✓			
Thread	✓			
Rims	✓			
Bearings	✓			



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6 – OUTRIGGERS	OK	NO	NA	Comments
Locking mechanism	✓			
Retraction / Travel alarm	✓			No Travel Alarm
Foot pads / Hydraulic hoses and fittings	✓			
Seals	✓			
7 - SLEWRING	OK	NO	NA	Comments
Brake / rocking motions / Bolts	✓			
Lubrication	✓			
Gear teeth on slew ring and pinion	✓			
Clutch	✓			
8 – COUNTERWEIGHTS	OK	NO	NA	Comments
Security / Connection / Hydraulics / Rams	✓			
Hoses	✓			
Fittings	✓			
9 – MAIN BLOCK / WHIP LINE	OK	NO	NA	Comments
Hook / Safety Latch	✓			
Sheaves / Structure / Pins	✓			
Whip line Capacity	✓			
Main block Capacity	✓			
10 - WINCHES	OK	NO	NA	Comments
Drum	✓			
Rope anchor	✓			
Spooling	✓			
Brake	✓			
Rope guards	✓			
Clutches	✓			
11 - WIRE ROPE	OK	NO	NA	Comments
Main hoist wire rope	✓			
Termination	✓			
Boom wire rope	✓			
Wedge socket	✓			
Whip line wire rope	✓			
12 – SAFTEY DEVICES	OK	NO	NA	Comments
Level indicator or Spirit level	✓			
Load limiter	✓			
Limit stops relating to lifting motions	✓			



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RATED LIFTING CAPACITY

Based on BS 1757 : 1986
DIN 15026-2
* 75% of tipping loads

Notes: Foot rest is optional

Working height (m)	40m Boom = 9.2m jib				40m Boom = 15.0m jib			
	Offset 0°	Offset 17°	Offset 30°	Offset 37°	Offset 0°	Offset 17°	Offset 30°	Offset 37°
3.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
4.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
6.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
7.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
9.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
10.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
12.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
13.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
15.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
16.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
18.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
19.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
21.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
22.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
24.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
25.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
27.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
28.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
30.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
31.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
33.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
34.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
36.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
37.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
39.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
40.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
42.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
43.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
45.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
46.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
48.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
49.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
51.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
52.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
54.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
55.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
57.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
58.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
60.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
61.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
63.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
64.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
66.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
67.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
69.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
70.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
72.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
73.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
75.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
76.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
78.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
79.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
81.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
82.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
84.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
85.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
87.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
88.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
90.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
91.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
93.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
94.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
96.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
97.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
99.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
100.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
102.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
103.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
105.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
106.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
108.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
109.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
111.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
112.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
114.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
115.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
117.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
118.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
120.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
121.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
123.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
124.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
126.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
127.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
129.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
130.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
132.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
133.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
135.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
136.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
138.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
139.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
141.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
142.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
144.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
145.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
147.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
148.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
150.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
151.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
153.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
154.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
156.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
157.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
159.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
160.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
162.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
163.5	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
165.0	50.50	28.50	28.50	24.50	50.50	28.50	28.50	24.50
166.5	50.50	28.50	28.50	24.50	50.5			

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This report complies with the Lifting Operation and Lifting Equipment Regulations

LOAD TEST & NDT (MPI) REPORT

Report No:	25023001	Examination Date:	19/10/2025
LOAD TEST			
Equipment Details			
Load Cell Serial No: 30682 / 25532	Vernier Caliper S/N: 400 0576 010	Measuring Tape S/N: N/A	

NDT (MPI) FOR CRANE'S HOOK

NDT Details

Standard:	ASTME 709	Equipment type:	PERMENANT YOKE	Contrast Media:	WHITE CONTRAST
Viewing Condition	Colored media	Method	WET	Indicator:	BLACK INK

NDT Equipment Details

YOKE S/N	A12-512	WHITE CONTRAST	MagnavisWCP-2	BLACK INK	Magnavis7HF
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Hook Details

Main Hook Serial Number:	111	Auxiliary Hook Serial Number:	4J-315
Main Hook SWL:	50Ton	Auxiliary Hook SWL:	4.5 Ton

NDT Procedure

Visual & MPI CARRIED OUT FOR THE ABOVE DESCRIPTION AND FOUND FREE OF SURFACE DEFECTS AT THE TIME OF INSPECTION

Identification of any part found to have a defect and a description of the defect: **NONE**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **NONE**

ASNT Level II Inspector Name & Signature: Ahmed Yahya

RESULT: **PASS**

