



**Certificate Of Test & Thorough Examination Of Mobile Crane**

Certificate No.	MC-HY-11-8-025	W.O. NO.	229		
Customer Name	KAR company	Date Of Examination	15-Aug-2025		
Last Examination date	-----	Date of next examination	14-Aug-2026		
Standards	BS EN 7121-2-3	Place of inspection	Hella – Babel yard		
Crane Details:	DIESEL POWERED HYDRAULIC TELESCOPIC BOOM MOBILE CRANE				
Manufacturer Name	KATO	Serial No.	4415915		
Model	NK-500E-V	Chassis No.	KJ505SB10337		
Main Hook capacity	50.5 ton	Hook serial No	285		
Auxiliary hook	4 ton	Hook serial No	203		
Wire rope sling dia.	18 mm	Part of line	12		
Rated Capacity	50.5 Ton	Current Configuration Capacity	50.5 ton		
<b>Load Test</b>	Radius (m)	Boom length (m)	Load Test (ton)	S.W.L (ton)	Hook
	3	10.8	N/A	50.5	Main
	9	14.45	14.2	14.2	Main
	13	40	4	4	Auxiliary
Non-Destructive Test					
Test Methods	<b>Visual Test</b>	✓	<b>PT Test</b>	✓	<b>MPI Test</b> -x
Inspector Name	Hayder Yahia Kadhim				

COMMENTS:

- This is to certify that the above item described in this certificate was tested and thoroughly examined and found to be SAFE TO OPERATE at the time of testing.
- Operator should be certify and qualify to safe use of crane .

Inspector Name : Hayder Yahia Kadhim

Authorize name : Ali Fadhil

Signature:

Signature:





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Description	Condition	Comments
<b>General</b>		
Covers, Guards, Overall Cond. External Lighting, Home , General Housekeeping Hand Signal Chart , Warning Decals/ Placards	Satisfactory	
<b>Truck/ Carrier Cab</b>		
Fire Extinguisher , Glass , Mirrors , Windshield Wipers/ Washer , Seat Belts , Seat , Electrical Controls/ Switches , Instruments/ Gauges , Bubble Gauge , Horn , Air Pressure , Parking Brakes , Accelerator/ Throttle , Brakes , Steering	Satisfactory	
<b>Truck/ Carrier Engine- Power Plant</b>		
Oil level, Operation/ Perf. Exhaust system, guards, shields Covers, Guards- Moving Parts Belts and Hoses, Clamps	Satisfactory	
<b>Chassis/ Carrier</b>		
Main Frame and Crossmembers, Tires, Wheels, Lug nuts , Tire Air Pressure , Transmission/ Transfer Case , Drivelines/ U-Joints , Guards and covers , Hydraulic Plumbing, Fittings , Hydraulic Fluid level , Anti-Slip Surfaces , Backup Alarm operation	Satisfactory	
<b>Outriggers/ Stabilizers</b>		
Boxes/ Sub-Frame/ Attachment , Beams/ Legs/ Supports Cylinders , Holding Valves/ Lock Valves , Hydraulic Plumbing, Fittings , Pads/ Floats/ Storage/ Mounts Caution and Warning Decals	Satisfactory	
<b>Operator's Control Station</b>		
Fire Extinguisher , Glass ,Door Restraint/ Locks , Hand Rails, Steps, Platform Anti-Slip Surfaces ,Control Identification Electrocution Warning , Controls- Force to movement, Accelerator/ Throttle , Horn Seat	Satisfactory	
<b>Load Chart</b>		
Per Configuration , Legible , Durable Secured	Satisfactory	
<b>Safety Devices/ Operational Aids</b>		

*X/K H*  *RS*





Anti-Two Block Device , Outrigger/ Stabilizer Pos. Sensor Crane Level Indicator , Boom Angle Indicator Boom Length Indicator , Winch Drum Rotation Indicator , Overload Protection , Rated Capacity Indicator and Rated Capacity Limiter	Satisfactory	
<b>Main Boom</b>		
Structure , Boom Hinge Pin/ Pivot Point Lift Cylinder and Pins , Telescoping Cylinder/ Attach , Hydraulic Plumbing, Fittings , Holding Valves/ Lock Valves Boom Head Section ,Boom Sections Alignment , Wear Pads/ Shims/ Attachment , Sheaves/ Rollers/ Retainers Wire Rope/ Cable Retainers ,Hoist/ Winch Line Dead End	Satisfactory	
<b>Fly Jib/ Extensions</b>		
Structure , Wire Rope/ Cable Retainers Pins and Locking Devices , Positive Stops Sheaves	Not Satisfactory	
<b>Upper Structure</b>		
Turret ,Turntable ,Electrocution Warning Decal , Electrical Wiring ,Swing/ Rotation Gearbox ,Hydraulic Pumps/ Motors Hydraulic Plumbing/ Fittings , Hydraulic Pressure , Hoist/ Winch Motor, Valves Hoist/ Winch Hoist/ Winch Brake	Satisfactory	
Main hook ( 50.5 ton ) and Aux hook(4 ton ) during the time of inspection	Satisfactory	

Inspector Name : Hayder Yahia Kadhim

Authorize name : Ali Fadhil

Signature:

Signature:





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**KATO NK-500E-V**

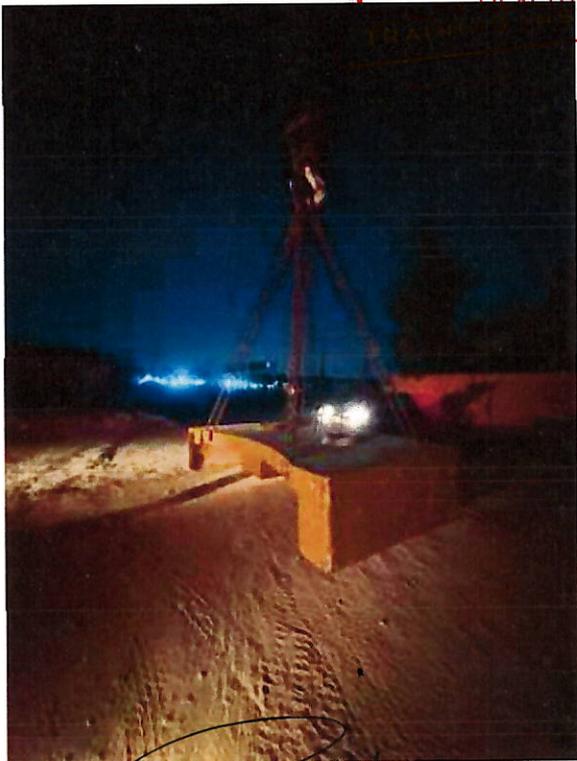
**RATED LIFTING CAPACITY (t)**

Customers fully authorized with hoist load  
Customers fully authorized without hoist load

Lift height (m)	Lift range		Lift range		Lift range	
	18.0	21.0	24.0	27.0	30.0	33.0
1.0	45.0	45.0	45.0	45.0	45.0	45.0
1.5	45.0	45.0	45.0	45.0	45.0	45.0
2.0	45.0	45.0	45.0	45.0	45.0	45.0
2.5	45.0	45.0	45.0	45.0	45.0	45.0
3.0	45.0	45.0	45.0	45.0	45.0	45.0
3.5	45.0	45.0	45.0	45.0	45.0	45.0
4.0	45.0	45.0	45.0	45.0	45.0	45.0
4.5	45.0	45.0	45.0	45.0	45.0	45.0
5.0	45.0	45.0	45.0	45.0	45.0	45.0
5.5	45.0	45.0	45.0	45.0	45.0	45.0
6.0	45.0	45.0	45.0	45.0	45.0	45.0
6.5	45.0	45.0	45.0	45.0	45.0	45.0
7.0	45.0	45.0	45.0	45.0	45.0	45.0
7.5	45.0	45.0	45.0	45.0	45.0	45.0
8.0	45.0	45.0	45.0	45.0	45.0	45.0
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10.5	45.0	45.0	45.0	45.0	45.0	45.0
11.0	45.0	45.0	45.0	45.0	45.0	45.0
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12.0	45.0	45.0	45.0	45.0	45.0	45.0
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38.5	45.0	45.0	45.0	45.0	45.0	45.0
39.0	45.0	45.0	45.0	45.0	45.0	45.0
39.5	45.0	45.0	45.0	45.0	45.0	45.0
40.0	45.0	45.0	45.0	45.0	45.0	45.0
40.5	45.0	45.0	45.0	45.0	45.0	45.0
41.0	45.0	45.0	45.0	45.0	45.0	45.0
41.5	45.0	45.0	45.0	45.0	45.0	45.0
42.0	45.0	45.0	45.0	45.0	45.0	45.0
42.5	45.0	45.0	45.0	45.0	45.0	45.0
43.0	45.0	45.0	45.0	45.0	45.0	45.0
43.5	45.0	45.0	45.0	45.0	45.0	45.0
44.0	45.0	45.0	45.0	45.0	45.0	45.0
44.5	45.0	45.0	45.0	45.0	45.0	45.0
45.0	45.0	45.0	45.0	45.0	45.0	45.0



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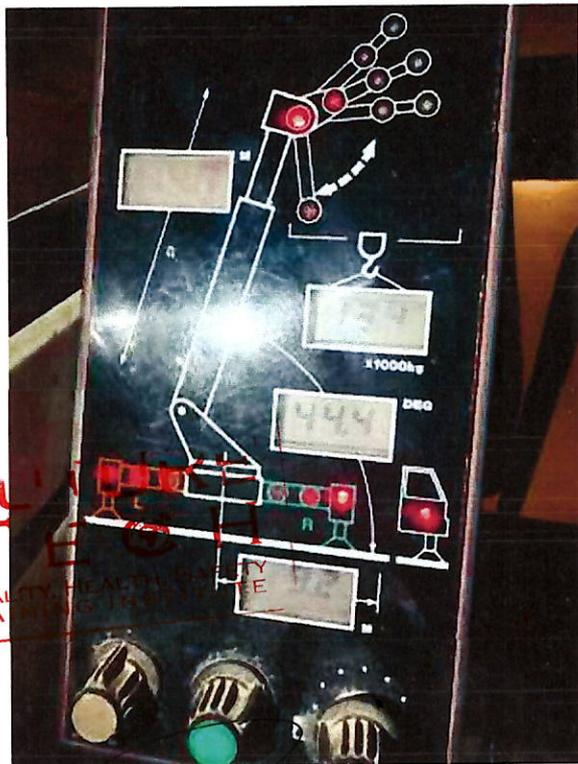
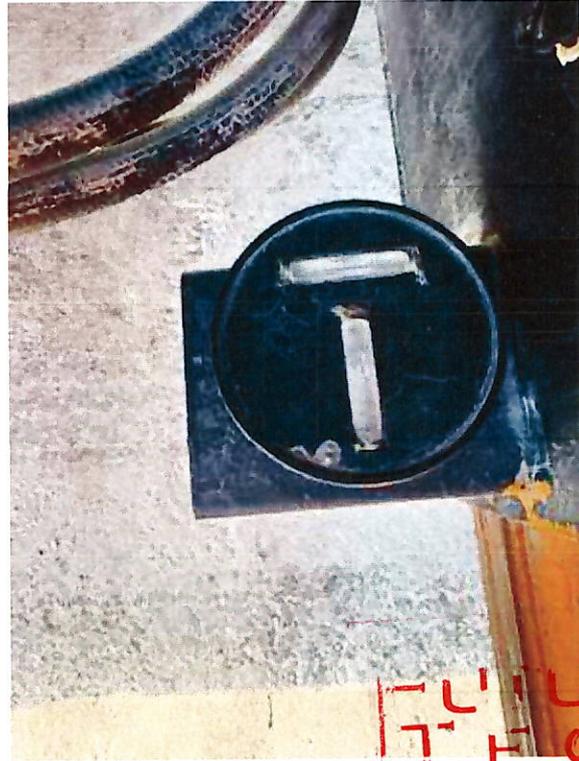
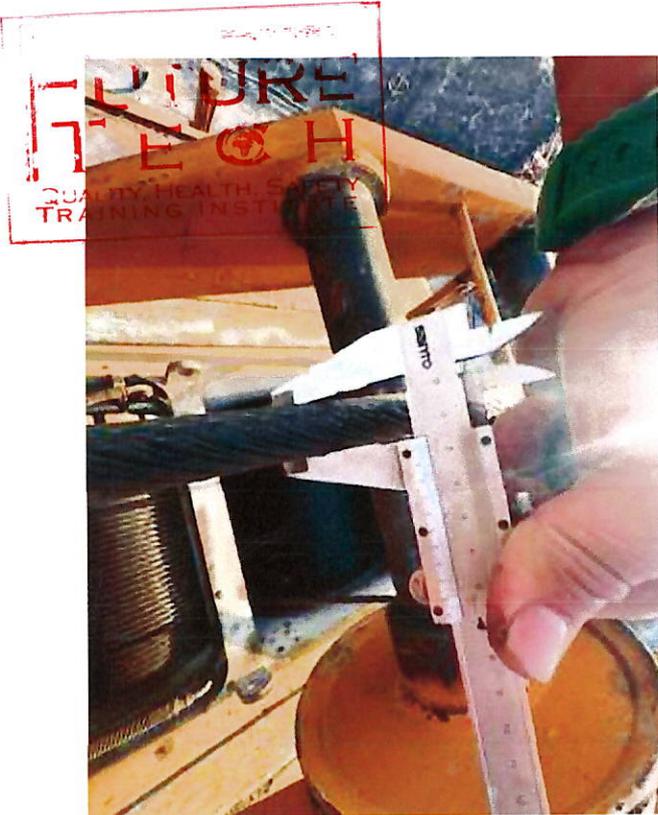
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