

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**

Basra, North Rumaila, Quality Control Yard - Iraq

Tel: +9647810009138 / +9647834964657

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



CERTIFICATE OF THOROUGH EXAMINATION

This Certificate complies with the requirements of the Lifting Equipment Operations and Lifting Equipment Regulations

Date of Examination:	08-APRIL-2023	Date of Report:	08-APRIL-2023	Certificate No:	QC-03-23-AB-27/C3			
Client Name:	ABERDEEN	Location:	ABERDEEN YARD	Job Number:	QC-03-23-AB-27			
Equipment Serial No:	KG520RN-00170	Reg No:	A 11364 BASRA	SWL:	100 TON			
Description of Equipment	Diesel Engine Powered Hydraulic System Mobile Crane Truck.							
	Model:	NK100	Year of Mfg. :	09-2018				
	Chasses No:	KG520RN-00170	Main Hoist Capacity :	40 Ton				
	Max Capacity :	100 TON	Auxiliary Hoist Capacity:	07 TON				
	Manufacture :	KATO	Max Boom Length:	47 M				
Ref. Standard	BS EN 7121-2-3:2012							
Date of Last Examination:	10-NOV-2022		Date of Last Proof Load Test:	10-NOV-2022				
MAIN BLOCK	No. of Falls	Radius (m)	Boom Length (m)	SWL (ton)	Load Applied (ton)			
	06	05	29.5	32	32			
	04	14	38.3	13.9	13			
	04	20	47.0	7.6	7.5			
AUX. LINE	01	32	47.0	3.6	3.6			
Examination Type	Pass	Fail	Notes					
Operational (No Load)	✓		Crane Found Satisfactory For Further Use.					
Performance Test (Rated Capacity)	✓		Crane found to be acceptable to lift 100 % from SWL .					
Proof Load Test (1.25 x Rated Capacity)	--		Proof Load Test Shall Be Done After any Repair/ Modification					
Is this the first examination after Installation or assembly at a new site or location?	YES		NO	✓	Was the examination carried out: Within an interval of 6 months? With an interval of 12 months?			
If the answer to the above question is YES has the equipment been installed correctly?	YES	✓	NO		In accordance with an examination scheme? After the occurrence of exceptional circumstances?			
Identification of any part found to have a defect which is or could not become a danger to persons and a description of the defect: (If none state NONE) 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)					N/A			
Particulars of any repair, renewal or alteration required to remedy the defect identified above:								
Particulars of any tests carried out as part of the examination: (If none state NONE) In the light of inspection findings subject Mobile Crane was Inspected visually, operationally and performance test was performed where no defects were observed during testing Hence, it was found satisfactory and fit for intended use.								
IS THIS EQUIPMENT SAFE TO OPERATE?					YES	✓	NO	
Name of Inspector:	Name of person authenticating this report:		Signature & Stamp:					
AIZAZ FARHAT	ASHRAF ELSAID							
Date of Next Through Examination:	07-APRIL-2024							

REV: 01 Dated: 20 June 2022

THIS IS TO CERTIFY THAT; a competent person did attend the above-mentioned owner's work location on the date shown above and the equipment described in this report was tested & inspected as per the requirements of Lifting Operations Lifting Equipment Regulation "LOLER". The result was found Satisfactory at the time of Inspection and considered Safe for Lifting.



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Equipment Serial No:	KG520RN-00170	Reg No:	A 11364 BASRA	SWL:	40 TON
Description of Equipment:	<u>Diesel Engine Powered Hydraulic System Mobile Crane Truck.</u>				

1. STRUCTURE		
DESCRIPTION	RESULT	COMMENTS
Structure & Data Plate	√	
Slew Bearing Turn Freely/ Mechanism	√	
Chassis	√	
Crane Tires & Nuts	√	
Outriggers: -		
Hoses	√	
Extension rams	√	
Interlocking system	√	
Connecting Bolts and pins	√	
Levelling system	√	
Paint work	√	
Out rigger pads	√	
Boom: -		
Condition	√	
Hydraulic hoses	√	
Extension rams	√	
Extension Interlocks	√	
Boom main hoist ram	√	
Main hoist ram foot pin	√	
Electrics		
Switchgear and panels	√	
Connections / wiring	√	
Operations	√	

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2. AUTOMATIC SAFE LOAD INDICATORS AND LIMIT SWITCHES

DESCRIPTION	RESULT	COMMENTS
Radius/ Boom/ Angle Indicators	√	
Safe Load Indicator & Overload Limit Switch	√	
Audible & Visual Alarms are operative	√	
Anti-Two Block Switches Operation	√	
Position and visibility	√	

3. HYDRAULIC SYSTEM

DESCRIPTION	RESULT	COMMENTS
Flexible Hoses and Hose Connections	√	
Hydraulic Cylinder	√	
Hydraulic Cylinder Fittings	√	
Hydraulic Filter	√	
Pump Condition	√	
Oil Seepage/ Leakage	√	

4. WIRE ROPES/ FITTINGS/ HOOK BLOCKS/ SHEAVES/ DRUM

DESCRIPTION	RESULT	COMMENTS
Wire Rope Condition	√	
Rope Reeving on Drum	√	
Drum Condition	√	
Hook Block	√	
Hook Safety Latch	√	
Sheaves	√	
Wedge Socket & Dead-End Anchorage Point	√	
Boom Angle Indicator	√	

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5. OPERATOR CABIN & GENERAL

DESCRIPTION	RESULT	COMMENTS
Cabin condition	√	
Visibility	√	
Seating	√	
Heat and ventilation	√	
Manufactures rating charts	√	
Access and egress	√	
Control markings	√	
Control operation	√	
Windscreen wipers	√	
Fire Extinguisher Availability	√	

6. OPERATIONAL TEST

DESCRIPTION	RESULT	COMMENTS
Hoisting Up & Down	√	
Boom Extraction and Subtraction	√	
Boom Raising and Lowering	√	
Slewing Operation & Alarm	√	
Drum Operation	√	
Levers Operation (In Operator Cabin)	√	
Reverse Alarm & Operation	√	
Lights, Horn & Indicators	√	

Name of Inspector:	Name of person authenticating this report:	Signature & Stamp:	
AIZAZ FARHAT	ASHRAF ELSAID		
Date of Next Through Examination:	26-MARCH-2024		

REV: 01 Dated: 20 June 2022

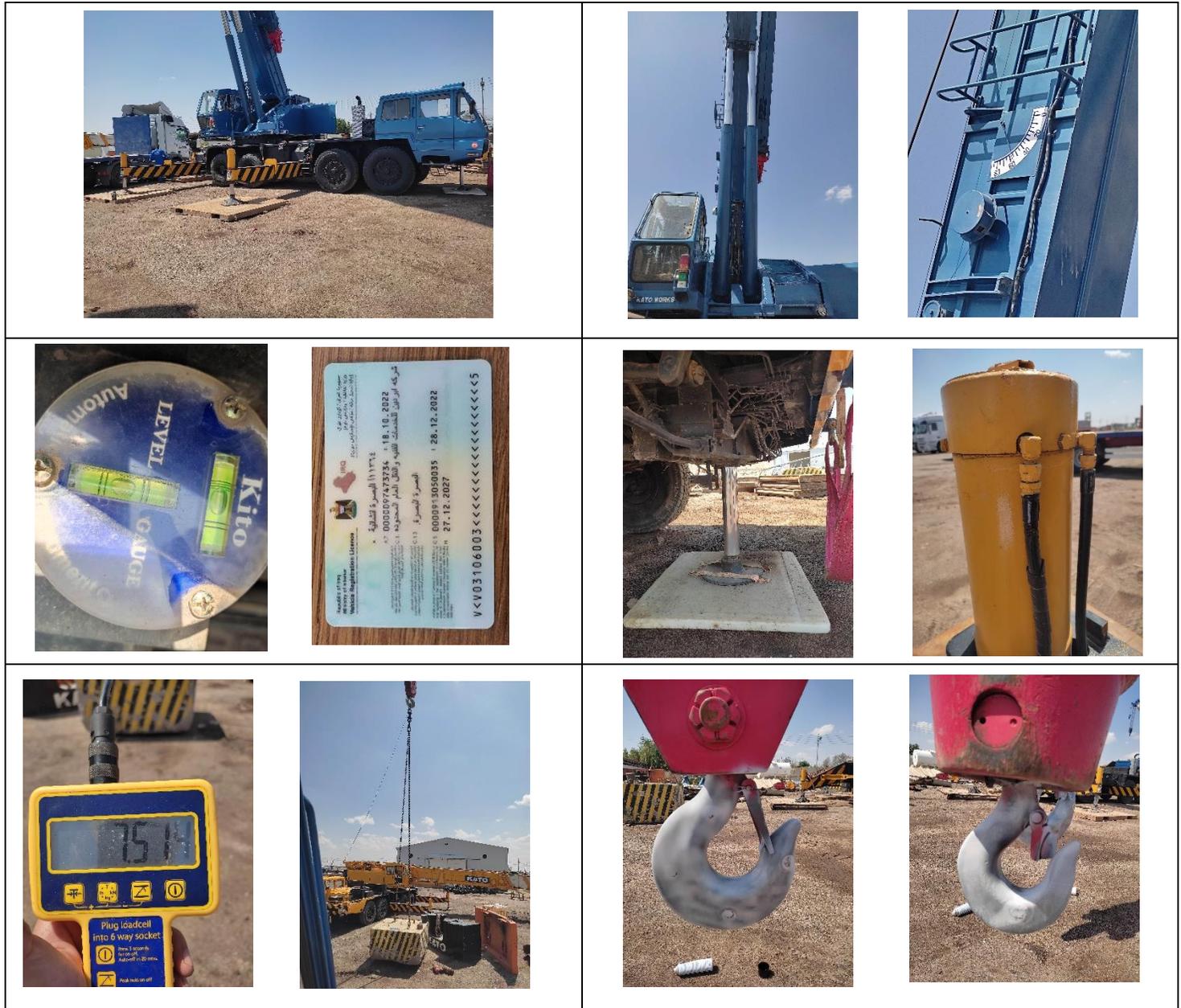
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