

CERTIFICATE OF THOROUGH EXAMINATION

This Report Complies with the Lifting Operation and Lifting Equipment Regulations

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Date of Thorough Examination: 28/07/2026	Date of Report: 28/07/2026	Report Number: RAS-Y-26073015
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Description and identification of the equipment: Crawler Crane, Lattice Boom, Diesel powered, Hydraulic Operated	Manufacturer: FUWA Year of Manufacture: 2014 Model: QUY80B Serial Number: 1153 Chassis Number: QUY80B1153 Plate Number: H 57807 Baghdad	
Name and address of employer for whom the thorough examination was made: AL-SAKKHA COMPANY Address of premises at which the examination was made: NORTH AL-RUMAILA / DS2	Main Block Capacity: 50 (Ton) Auxiliary Block Capacity: N/A Main Hoist Wire Diameter: 28 (mm) Auxiliary Hoist Wire Diameter: N/A Main Hook Serial Number: XSU268 Auxiliary Hook Serial Number: N/A	

The Examination Carried out Load test

Length of Boom(m)	Radius (m)	Reeving (no. of falls)	SWL (Ton)	Test Load (Ton)
USING MAIN BLOCK				
40.0	20.0	4	9.2 Ton	functional

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?	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 Referenced Equipment Has Been Function, Load & Proof Load Tested As per **BS 7121-2-1: 2012 & BS 7121-2-3:2012** and 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: 27/07/2027
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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 – CHASSIS				
Structure members	✓			
Welding	✓			
Security of fastening	✓			
Electrical Wiring	✓			
Body work	✓			
Lights	✓			
2 – CRAWLER				
Thread	✓			
Nut Security	✓			
Bearing	✓			
3 – PRIME MOVER				
Radiator shutters	✓			
Hydraulic pumps/ motors	✓			
Hose and fittings	✓			
Engine	✓			
Fluid Levels	✓			
4 – CONTROL / OPERATOR CAB				
Seat Belt	✓			
Operators chair	✓			
Load chart	✓			
Control Panel	✓			
Joystick	✓			
Free-Fall System	✓			
Horn	✓			
Control unit	✓			
Load Indicator	✓			



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5 – BOOM	OK	NO	NA	Comments
Main Structural section	✓			
Joining pins or bolts	✓			
Foot pins & bushes	✓			
Boom Limit Switch rubber bad	✓			
Boom Support return block	✓			
Boom Limit Switch	✓			
Safety Warnings – Attached and legible	✓			
6 – COUNTER WEIGHT	OK	NO	NA	Comments
Security / connection	✓			
Hydraulics	✓			
Rams	✓			
Hoses/ fittings	✓			
7 - WINCHES	OK	NO	NA	Comments
Drum	✓			
Rope anchor	✓			
Spooling	✓			
Brake	✓			
Rope guards	✓			
Anti-tipping System	✓			
8 - WIRE ROPE & HOOK	OK	NO	NA	Comments
Main hoist wire rope	✓			
Hook block	✓			
Termination	✓			
Boom wire rope	✓			
Marking	✓			
Anchor termination	✓			
Lifting Hook	✓			

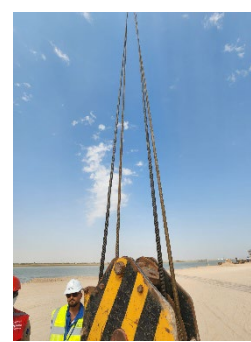


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Length of S(m)								
Radius (m)	40	43	46	49	52	55	58	Radius (m)
9								9
10	23.8	23.2	22.6					10
12	19	18.6	18.2	17.8	17.8			12
14	15.5	15.2	15	14.75	14.5	14.3	14	14
16	12.8	12.7	12.5	12.3	12.1	12	11.5	16
18	10.9	10.7	10.5	10.3	10.2	10	9.9	18
20	9.4	9.3	9.2	9	9	8.8	8.6	20
22	8.5	8.3	8.1	8	8	7.7	7.5	22
24	7.4	7.2	7.1	7	7	6.8	6.6	24
26	6.6	6.5	6.5	6.2	6	6	5.7	26
28	5.8	5.7	5.6	5.6	5.5	5.4	5.1	28
30	5.3	5	5.1	5.1	4.8	4.6	4.5	30
32	4.8	4.7	4.6	4.5	4.3	4.1	3.8	32
34	4.1	4.1	4	4	3.8	3.7	3.4	34
36	4	3.8	3.7	3.5	3.4	3.2	2.9	36
38		3.2	3.2	3.2	2.9	2.9	2.6	38
40		3	3	2.7	2.6	2.5	2.3	40
42				2.5	2.3	2.3	2	42
44					2	2	1.6	44
46						1	1.3	46
48						1.5	1	48

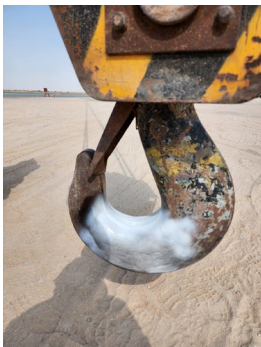


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LOAD TEST & NDT (MPI) REPORT					
Report No:	26073015	Examination Date:	28/07/2026		
LOAD TEST					
Equipment Details					
Load Cell Serial No: 30682 / 25532	Vernier Caliper S/N: 400 0576 010		Measuring Tape S/N: N/A		
NDT (MPI) FOR CRANE'S HOOK					
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
					
Hook Details	Main Hook Capacity	50 Ton	Auxiliary Hook Capacity		N/A
	Main Hook Serial Number	XSU268	Auxiliary Hook Serial Number		N/A
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		

