

CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

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Date of Through Examination: 18/06/2026	Date of Report: 18/06/2026	Report Number: RAS-C-260630287
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Description and identification of the equipment: Crawler Crane, Lattice Boom, Ramshorn Hook, Diesel powered, Hydraulic Operated		Manufacturer: TEREX DEMAG Year of Manufacture: 2017 Model: CC2400-1 Serial Number: 43112 Chassis Number: 43112 Plate Number: F 51110 Al-Qadesiya		
Name and address of employer for whom the thorough examination was made: ALQ AL-ABRAJ COMPANY Address of premises at which the examination was made: WEST QURNA 1 / DS8		Main Block Capacity: 100 (Ton) Counter Weight: 160 (Ton) Main Hoist Wire Diameter: 26(mm) Main Hook Serial Number: 5397685	Boom Length: 48 (Meter) Central Blast: 40 Ton Crane Capacity: 400 Ton Safe Working Load (SWL): 100 Ton Number of Falls: 7 Falls	

The Examination Carried out Load test With SH Configuration

Length of Boom(m)	Super Lift Radius(m)	Radius (m)	Reeving (no. of falls)	SWL	Test Load @100% SWL
48.0	N/A (SH)	33.0	07	38.3 Ton	38.3 Ton

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

- MPI has Been Done to the Hook According to **ASTME 709** and Found Satisfactory at the Time of Inspection.

Note: The Rated Capacity is limited to **100 Ton** Because of – Main Hook Block Capacity **100 Ton**

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 Salim	Latest date by which next thorough examination must be carried out: 17/06/2027
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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	✓			

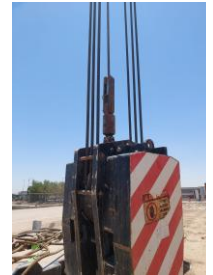
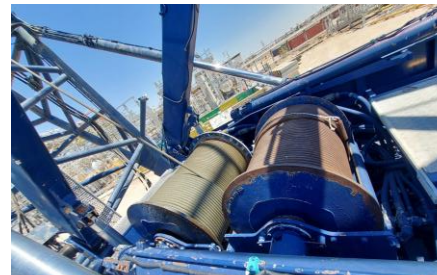


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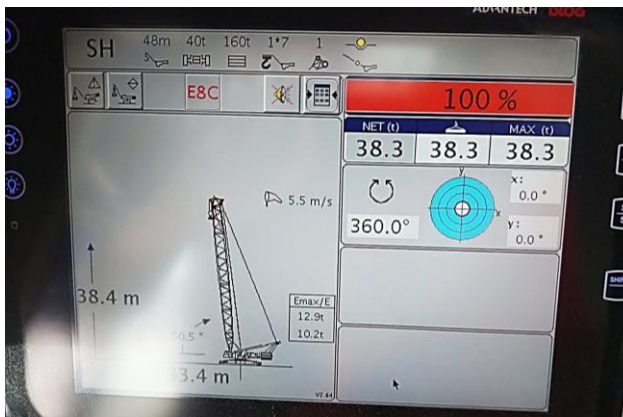
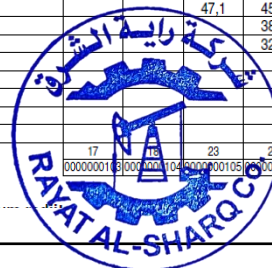
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Capacity (t) = Load + Hook Block

Slew Range 0-360 °
Track Width 7,25 m
Counterweight 160 t
Central Ballast 40 t

Length (m)	24	30	36	42	48	54	60	66
7			308	284				
8			264	246	230	216		
9		247	231	216	204	192	181,5	172
10	232	218	205	193	182,5	172,5	163,5	155,5
12	175	174	166,5	158	150,5	143	136,5	130
14	139	138	137	133,5	127,5	121,5	116	111
16	115	114	112,5	111,5	110	106	100,5	96,8
18	97,9	96,6	95,4	94,3	93,4	92,4	88,5	85,2
20	84,8	83,6	82,3	81,1	80,2	79,4	78,6	75,7
22	74,7	73,4	72,1	70,9	70	69,1	68,4	67,8
24		65,3	63,9	62,7	61,7	60,9	60,1	59,6
26		58,6	57,2	56	55	54,1	53,4	52,8
28		53,2	51,7	50,4	49,4	48,5	47,7	47,2
30			47,1	45,7	44,7	43,7	42,9	42,4
34				38,3	37,1	36,2	35,3	34,7
38					31,5	30,4	29,5	28,9
42					27,1	25,9	24,9	24,1
46						22,3	21,1	20,2
50							17,9	17
54							15,4	14,4
58								12,3



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LOAD TEST & NDT (MPI) REPORT					
Report No:	260630287	Examination Date:	18/06/2026		
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		100 Ton		
	Main Hook Serial Number		5397685		
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		

