


CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

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Date of Through Examination: 08/11/2025	Date of Report: 08/11/2025	Report Number: RAS-MK-25113421
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Description and identification of the equipment: Mobile Crane, Diesel powered, Hydraulic Operated, Telescoping Boom		Manufacturer: TADANO Year of Manufacture: 2018 Model: GT-550E Serial Number: GT-550-1-00102 Chassis Number: JTX4255A360DC0062 Plate Number: F 22017 BAGHDAD		 SCAN ME
Name and address of employer for whom the thorough examination was made: ALTA COMPANY Address of premises at which the examination was made: BASE YARD		Main Hoist Wire Diameter: 19(mm) Aux. Hoist Wire Diameter: 19(mm) Main Hoist Capacity: 55(Ton) Main Hook Serial Number: T11 Aux. Hoist Capacity: 4.5 (Ton) Aux. Hook Serial Number: T111		

EXAMINED IN ACCORDING TO BS EN 7121-2-3

Description Details of Load Test @4 Falls	Boom Length(m)	Radius (m)	SWL (Ton)	Proof Load (Ton)
Load test at 100 % SWL @6 Falls (Min.radius)	11.1	3.0	55	NIL
Load test at 100 % SWL (Intermediate radius)	34.3	16.0	9600	10.290
Load test at 100 % SWL (Max. radius)	42.0	34-0	450 (Kg)	450 (Kg)

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?				Within an interval of 12 months?	YES	NO	✓
	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: 07/11/2026
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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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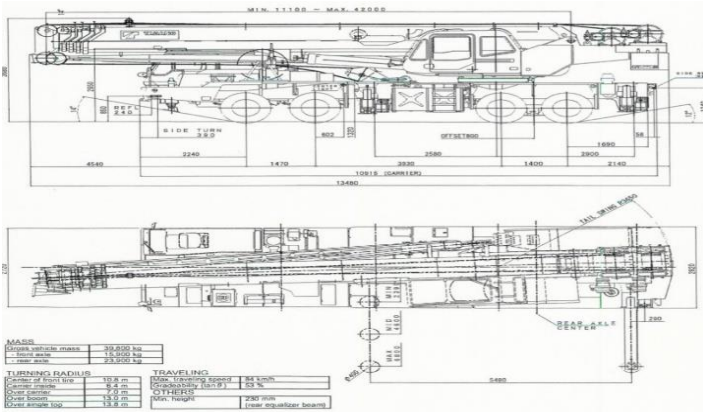
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RATED LIFTING CAPACITIES (Boom)

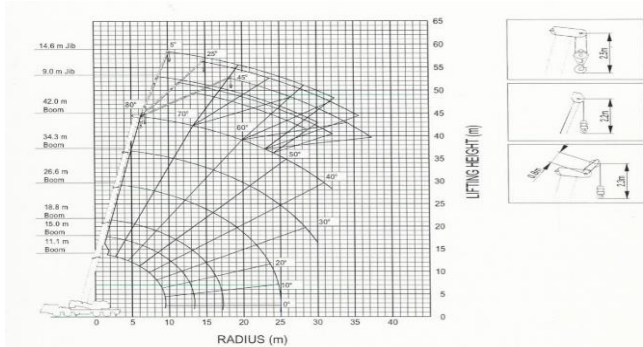
UNIT: kg CLASS OF CRANE: C3

Outriggers fully extended 6.8m

Load radius (m)	11.1 m boom	15.0 m boom	18.8 m boom	20.0 m boom	26.6 m boom	34.3 m boom	38.1 m boom	42.0 m boom
3.0	55,000	40,000	28,000	20,000				
3.5	43,700	40,000	28,000	20,000				
4.0	38,500	38,100	28,000	20,000				
4.5	34,200	33,800	28,000	19,800	20,000	14,000		
5.0	30,800	30,400	28,000	19,000	20,000	14,000		
5.5	27,800	27,400	27,200	18,200	20,000	13,800		
6.0	25,400	25,000	24,700	17,500	20,000	12,800	14,000	8,000
6.5	23,200	22,800	22,500	16,800	18,900	12,000	14,000	8,000
7.0	21,400	21,000	20,700	16,200	17,800	11,400	13,500	8,000
7.5	19,700	19,300	19,100	15,700	16,700	10,800	13,000	8,000
8.0	18,300	17,900	17,600	15,200	15,800	10,200	12,500	8,000
9.0	15,200	14,600	14,200	14,300	14,200	9,300	11,300	7,600
10.0	11,600	11,300	11,000	12,500	8,500	10,400	7,000	7,500
11.0	9,500	9,100	11,400	10,300	7,800	9,600	6,400	6,900
12.0	7,800	7,500	9,600	8,600	7,200	8,800	5,800	6,400
14.0		5,100	7,200	6,200	6,200	6,800	4,900	5,500
16.0		3,500	5,500	4,800	5,400	5,100	4,200	4,700
18.0			3,300	4,700	3,900	3,600	4,100	4,200
20.0			2,400	3,700	3,000	3,200	3,600	3,200
22.0			1,700	3,000	2,200	2,800	2,800	2,500
24.0			1,200	2,400	1,600	2,500	2,200	1,900
26.0				1,200	2,100	1,800	1,400	1,400
28.0					800	1,700	1,400	1,000
30.0					500	1,400	1,000	700
32.0						1,100	700	450
34.0							500	

Telescoping conditions(%)

Telescoping	I	II	I	II	I	II	I	II	I	II	I	II
2nd boom	0	50	100	0	100	0	100	0	50	100	0	100
3rd boom	0	0	0	33	33	66	66	100	100	100	100	100
4th boom	0	0	0	33	33	66	66	100	100	100	100	100
Top boom	0	0	0	33	33	66	66	100	100	100	100	100



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LOAD TEST & NDT (MPI) REPORT

Report No:	25093421	Examination Date:	18/09/2025
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:	T11	Auxiliary Hook Serial Number:	T111
Main Hook SWL:	55 Ton	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**

