


CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

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Date of Through Examination: 13/04/2026	Date of Report: 13/04/2026	Report Number: RAS-C-260430195
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Description and identification of the equipment: Mobile Crane, Diesel powered, Hydraulic Operated, Telescoping Boom		Manufacturer: TADANO Year of Manufacture: 2009 Model: GT-550E-1-10302 Serial Number: 437425 Chassis Number: KG48U-00066 Plate Number: 14 A4602		
Name and address of employer for whom the thorough examination was made: AL-YAMAMA COMPANY Address of premises at which the examination was made: OM QASER		Main Hoist Wire Diameter: 19(mm) Aux. Hoist Wire Diameter: 19(mm) Main Hoist Capacity: 35 (Ton) Aux. Hoist Capacity: 4.5 (Ton) Main Hook Serial Number: S9 Aux. Hook Serial Number: S10		
		Boom Length (Max-Min) 11.1 – 42.0 (Meter) Crane Capacity: 55 Ton Safe Working Load (SWL): 35 Ton with fully extended outriggers		

EXAMINED IN ACCORDING TO BS EN 7121-2-3

Description Details of Load Test @6 Falls	Boom Length(m)	Radius (m)	SWL (Ton)	Test Load (Ton)
Load test at 100 % SWL @6 Falls (Min.radius)	11.1	3.0	20.0	NIL
Load test at 100 % SWL (Intermediate radius)	26.6	10.0	12.5	12.5
Load test at 100 % SWL (Max. radius)	34.3	12.0	8.8	Function Test

Is this the first examination after installation or assembly at a new site or location?	Was the examination carried out:			
	YES		NO	✓
If the answer to the above question is YES, has the equipment been installed correctly?	Within an interval of 6 months?			
	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 Equipment Has Been Function, Load & Performance Tested as Per **BS 7121-2-1 & BS 7121-2-3:2012** And MPI has Been Done to the 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: 12/04/2027
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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 – 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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GT-550EX RATED LIFTING CAPACITY CLASS OF CRANE: C3
UNIT: x 1000kg

Outriggers fully extended 6.8m

Load radius (m)	11.1m boom		15.0m boom		18.8m boom		26.6m boom		34.3m boom		38.1m boom		42.0m boom		
	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
3.0	69	55.0	75	40.0	78	28.0	78	20.0							
3.5	66	43.7	73	40.0	77	28.0	77	20.0							
4.0	63	38.5	71	38.1	75	28.0	75	20.0							
4.5	60	34.2	68	33.8	73	28.0	73	19.8	79	20.0	79	14.0			
5.0	57	30.8	66	30.4	72	28.0	72	19.0	78	20.0	78	14.0			
5.5	53	27.8	64	27.4	70	27.2	70	18.2	77	20.0	77	13.6			
6.0	50	25.4	62	25.0	68	24.7	68	17.5	76	20.0	76	12.8	80	14.0	
6.5	46	23.2	60	22.8	67	22.5	67	16.8	75	18.9	75	12.0	79	14.0	
7.0	42	21.4	57	21.0	65	20.7	65	16.2	74	17.8	74	11.4	78	13.5	
7.5	38	19.7	55	19.3	63	19.1	63	15.7	73	16.7	73	10.8	77	13.0	
8.0	33	18.3	53	17.9	62	17.6	62	15.2	71	15.8	71	10.2	76	12.5	
9.0	21	15.2	47	14.6	58	14.2	58	14.3	69	14.2	69	9.3	75	11.3	
10.0			42	11.6	54	11.3	54	13.5	67	12.5	67	8.5	73	10.4	
11.0			35	9.5	50	9.1	50	11.4	64	10.3	64	7.8	71	9.6	
12.0			27	7.8	46	7.5	46	9.6	62	8.6	62	7.2	69	8.8	
14.0					36	5.1	36	7.2	57	6.2	57	6.2	66	6.8	
16.0					23	3.5	23	5.5	51	4.5	51	5.4	62	5.1	
18.0								45	3.3	45	4.7	58	3.9	58	3.6
20.0								38	2.4	38	3.7	54	3.0	54	3.2
22.0								30	1.7	30	3.0	49	2.2	49	2.8
24.0								18	1.2	18	2.4	44	1.6	44	2.5
26.0												39	1.2	39	2.1
28.0												33	0.8	33	1.7
30.0												26	0.5	26	1.4
32.0												14	1.1	32	0.7
34.0														24	0.5
A	0°	0°	0°	0°	0°	0°	0°	26°	0°	24°	40°				

Telescoping conditions (%)





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LOAD TEST & NDT (MPI) REPORT			
Report No:	260430195	Examination Date:	13/04/2026
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			
<u>Main Hook Serial Number:</u>	S9	<u>Aux. Hook Serial Number:</u>	S10
<u>Main Hook SWL:</u>	35 Ton	<u>Aux. Hook SWL:</u>	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

