

CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

Certificate Page: 1 Of 5

Date of Through Examination: 07/07/2026	Date of Report: 07/07/2026	Report Number: RAS-Y-260730411
---	----------------------------	--------------------------------

<u>Description and identification of the equipment:</u>	<u>Manufacturer:</u> TEREX <u>Year of Manufacture:</u> 2014 <u>Model:</u> A450 <u>Serial Number:</u> 353403 <u>Chassis Number:</u> 353403 <u>Plate Number:</u> 21 C11969		
Rough Terrain Crane, Diesel powered, Hydraulic Operated, Telescoping Boom			
<u>Name and address of employer for whom the thorough examination was made:</u> Alq Al-Abraj Company			
<u>Address of premises at which the examination was made:</u> OM-QASER	<u>Main Hoist Wire Diameter:</u> 15(mm) <u>Crane Capacity:</u> 40 Ton <u>Main Hoist Capacity:</u> 40 (Ton) <u>Main Hook Serial Number:</u> 4014	<u>Boom Length (Max-Min)</u> 8.80 – 27.10 (Meter) <u>Safe Working Load (SWL):</u> 40 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)	LOAD TEST (Ton)
Load test at 100 % SWL @6 Falls (Min.radius)	8.80	3.0	40.0	NIL
Load test at 100 % SWL (Intermediate radius)	18.0	13.0	7.90	Function Test
Load test at 100 % SWL (Max. radius)	24.10	17.0	5.80	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 & Proof Load Tested as Per BS 7121-2-1 & BS 7121-2-3:2012 And MPI has Been Done to the Hook According to ASTM E 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: **06/07/2027**

Name and address of employer of person making and authenticating this report:
Hussein Ali Hussein, Basra, Burjesia



CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

Report Number: RAS- Y-260730411

Certificate Page: 2 Of 5

GENERAL DESCRIPTION OF THE EQUIPMENT	Status			
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	✓			



CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

Report Number: RAS- Y-260730411

Certificate Page: 3 Of 5

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 catch	✓			
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 – SAFETY DEVICES	OK	NO	NA	Comments
Level indicator or Spirit level	✓			
Load limiter	✓			
Limit stops relating to lifting motions	✓			

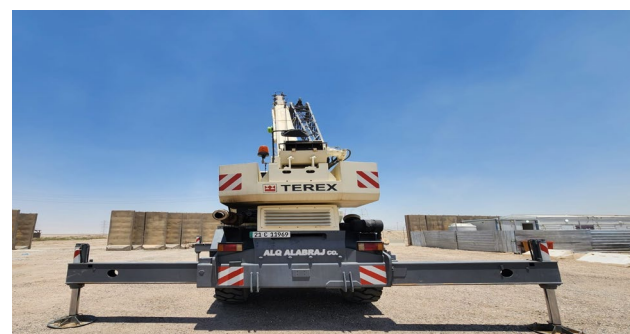


CERTIFICATE OF THOROUGH EXAMINATION

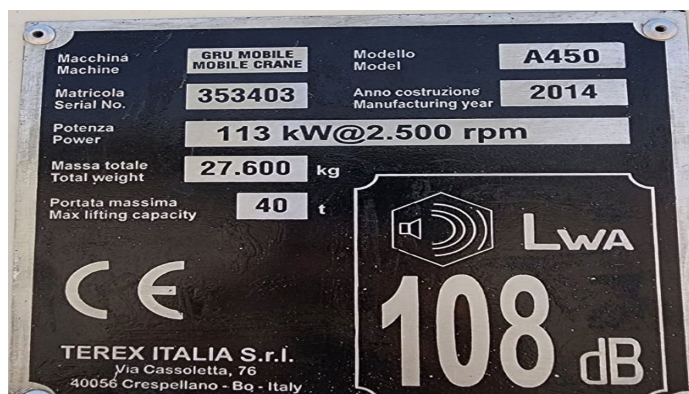
This report complies with the Lifting Operation and Lifting Equipment Regulations

Report Number: RAS- Y-260730411

Certificate Page: 4 Of 5



	8.80 m	11.80 m	14.90 m	18.00 m	21.00 m	24.10 m	27.10 m
3.0	40.00	29.00	26.10				
3.5	34.20	27.90	26.10				
4.0	28.40	26.80	24.30	19.20			
4.5	25.00	24.60	22.20	17.70			
5.0	21.60	21.60	20.20	16.40	15.20	13.50	
6.0	17.50	17.50	17.00	14.3	13.30	12.00	10.60
7.0	14.60	14.60	14.40	12.70	11.80	10.70	9.50
8.0		12.00	11.90	11.30	10.50	9.60	8.50
9.0		9.40	9.60	9.60	9.60	8.70	7.70
10.0			7.90	7.90	7.90	8.00	7.00
11.0			6.70	6.80	6.80	6.90	6.30
12.0			5.60	5.70	5.70	5.80	5.70
13.0				5.00	5.00	5.10	5.10
14.0				4.30	4.30	4.40	4.50
15.0					3.80	3.90	4.00
16.0					3.30	3.40	3.50
17.0					2.90	3.00	3.10
18.0					2.60	2.70	2.80
19.0						2.40	2.50
20.0						2.10	2.20
21.0							2.10
22.0							2.00



CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

Report Number: RAS- Y-260730411

Certificate Page: 5 Of 5

LOAD TEST & NDT (MPI) REPORT			
Report No:	260730411	Examination Date:	07/07/2026
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 Serial Number:	4014
Main Hook SWL:	40 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

