

CERTIFICATE OF THOROUGH EXAMINATION

This report complies with Lifting Operation and Lifting Equipment Regulations

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Date of Through Examination: 20/08/2026	Date of Report: 20/08/2026	Report Number: RAS-Y-26083040
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<u>Description and identification of the equipment:</u> Rough Terrain Crane, Diesel powered, Hydraulic Operated, Telescoping Boom	<u>Manufacturer:</u> TEREX <u>Year of Manufacture:</u> 2012 <u>Model:</u> RT880 <u>Serial Number:</u> 160961 <u>Chassis Number:</u> 1T9RT700PCW160961 <u>Plate Number:</u> A 1711 Salah El-Din		
<u>Name and address of employer for whom the thorough examination was made:</u> Abraj Al-Bader Company <u>Address of premises at which the examination was made:</u> ZUBAIR	<u>Main Hoist Wire Diameter:</u> 18 (mm) <u>Main Hoist Capacity:</u> 80 (Ton) <u>Crane Capacity:</u> 80 (Ton) <u>Main Hook Serial Number:</u> Y-180	<u>Boom Length(Max-Min)</u> 10.8-31.4(Meter) <u>Safe Working Load(SWL):</u> 80 Ton with fully extended outriggers	

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 @4 Falls (Min.radius)	10.8	3.0	16.4	NIL
Load test at 100 % SWL (Intermediate radius)	28.7	10.0	11.2	12.32
Load test at 100 % SWL (Max.radius)	31.4	12.0	8.2	8.2

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)

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 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:

19/20/2027

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				
Manufacturer's operation manual	✓			
Load chart & operator competency certificate	✓			
Controls / marking & air condition	✓			No Air Condition
Window / wipers / chair / door look & seals	✓			
Body work	✓			
2 – Boom				
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				
Load indicator	✓			
Radius indicator	✓			
Angle	✓			
Audible warning	✓			
Visible warning	✓			
4 – CHASSIS				
Structural member / welding	✓			
Security of fastening	✓			
Electrical wiring / pipe work / body work	✓			
Level indicator / main block traveling connection point	✓			
Lights	✓			
5 – WHEELS				
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 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	✓			



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LOAD CHART

GRAPHIQUE DE CHARGE · TRAGLASTABELLE · DIAGRAMMA DI CARICO · TABLA DE CARGA ·
TABELA DE CARGA · ТАБЛИЦА НАГРУЗОК

TABELA DE CARGA - ТАБЛИЦА НАГРУЗОК		EUROPEAN STANDARD EN13000													
 8.7 t		 7.2 x 6.6		 360°											
 10.8 m		 14.0 m		 17.7 m		 21.3 m		 25.0 m		 28.7 m		 31.4 m			
m														m	
3.0	80.0	-	-	-	-	-	-	-	-	-	-	-	-	3.0	
3.5	49.2	-	-	-	-	-	-	-	-	-	-	-	-	3.5	
4.0	45.0	-	-	-	-	-	-	-	-	-	-	-	-	4.0	
4.5	38.6	41.0	33.8	-	-	-	-	-	-	-	-	-	-	4.5	
5.0	36.0	36.5	31.2	-	-	-	-	-	-	-	-	-	-	5.0	
6.0	36.0	36.0	28.5	24.7	19.9	-	-	-	-	-	-	-	-	6.0	
7.0	31.5	29.0	25.5	21.8	18.1	15.5	-	-	-	-	-	-	-	7.0	
8.0	25.0	24.0	21.5	19.0	16.4	14.4	11.7	-	-	-	-	-	-	8.0	
9.0	19.8	19.5	18.6	16.9	14.7	13.1	11.0	9.0	-	-	-	-	-	9.0	
10.0	-	17.0	16.8	14.7	13.4	12.3	10.6	8.0	-	-	-	-	-	10.0	
11.0	-	14.0	13.8	13.5	12.1	11.2	9.6	7.0	-	-	-	-	-	11.0	
12.0	-	13.0	11.3	11.3	9.8	10.3	8.8	6.0	-	-	-	-	-	12.0	
13.0	-	10.9	9.7	9.7	9.0	9.5	8.2	5.0	-	-	-	-	-	13.0	
14.0	-	-	8.4	8.4	8.4	8.8	7.6	4.0	-	-	-	-	-	14.0	
15.0	-	-	6.8	7.2	7.2	7.1	7.1	3.0	-	-	-	-	-	15.0	
16.0	-	-	6.6	6.4	6.4	6.4	6.4	2.0	-	-	-	-	-	16.0	
17.0	-	-	-	5.8	5.8	5.8	5.8	1.5	-	-	-	-	-	17.0	
18.0	-	-	-	5.1	5.1	5.5	5.6	1.0	-	-	-	-	-	18.0	
19.0	-	-	-	4.5	4.5	4.4	4.3	0.8	-	-	-	-	-	19.0	
20.0	-	-	-	4.0	4.0	4.1	4.0	0.6	-	-	-	-	-	20.0	
21.0	-	-	-	-	3.6	3.4	3.7	0.5	-	-	-	-	-	21.0	
22.0	-	-	-	-	3.2	3.4	3.5	0.4	-	-	-	-	-	22.0	
23.0	-	-	-	-	2.3	2.8	3.1	0.3	-	-	-	-	-	23.0	
24.0	-	-	-	-	2.2	2.7	2.9	0.2	-	-	-	-	-	24.0	
25.0	-	-	-	-	-	2.6	2.8	0.1	-	-	-	-	-	25.0	
26.0	-	-	-	-	-	2.4	2.6	0.1	-	-	-	-	-	26.0	
27.0	-	-	-	-	-	2.0	2.3	0.1	-	-	-	-	-	27.0	
28.0	-	-	-	-	-	-	2.1	0.1	-	-	-	-	-	28.0	
29.0	-	-	-	-	-	-	1.8	0.1	-	-	-	-	-	29.0	
30.0	-	-	-	-	-	-	1.6	0.1	-	-	-	-	-	30.0	



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LOAD TEST & NDT (MPI) REPORT			
Report No:	26083040	Examination Date:	20/08/2026
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:			80 Ton	
	Main Hook Serial Number:			Y-180	
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		

