

CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

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Date of Through Examination: 21/07/2026	Date of Report: 21/07/2026	Report Number: RAS-Y-260630133
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<u>Description and identification of the equipment:</u>	<u>Manufacturer:</u> SANY <u>Year of Manufacture:</u> 2023 <u>Model:</u> SYM5426JQZ50C8(STC500C5-8) <u>Serial Number:</u> TC2050CD0273 <u>Chassis Number:</u> LFCNNG6PXP2001693 <u>Plate Number:</u> A 91396 Basra		
Mobile Crane, Diesel powered, Hydraulic Operated, Telescoping Boom			
<u>Name and address of employer for whom the thorough examination was made:</u> Tareek Al-Rumaila Company <u>Address of premises at which the examination was made:</u> RAS YARD	<u>Main Hoist Wire Diameter:</u> 16(mm) <u>Auxiliary Hoist Wire Diameter:</u> N/A <u>Main Hoist Capacity:</u> 50 (Ton) <u>Auxiliary Hoist Capacity:</u> N/A <u>Main Hook Serial Number:</u> 202303035 <u>Auxiliary Hook Serial Number:</u> N/A	<u>Boom Length (Max-Min)</u> 11.7 – 45.5 (Meter) <u>Crane Capacity:</u> 50 Ton <u>Safe Working Load (SWL):</u> 50 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 (Kg)	Proof Load (Kg)
Load test at 100 % SWL @4 Falls (Min.radius)	11.7	3.0	50000	NIL
Load test at 100 % SWL (Intermediate radius)	32.8	14.0	9800	9420
Load test at 100 % SWL (Max. radius)	45.5	18.0	6.4	Functional 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**
The Crane Wire Rope Has Been Replaced with a New 16 mm Diameter Wire Rope in Accordance with **ISO 4309**.

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: **10/06/2027**

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				Comments
	OK	NO	NA		
1 – OPERATOR CAB					
Manufacturer's operation manual	✓				
Load chart & operator competency certificate	✓				
Controls / marking & 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 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 – SAFETY DEVICES	OK	NO	NA	Comments
Level indicator or Spirit level	✓			
Load limiter	✓			
Limit stops relating to lifting motions	✓			

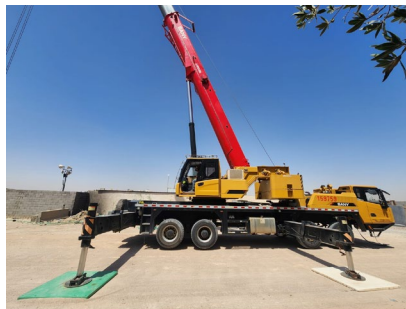


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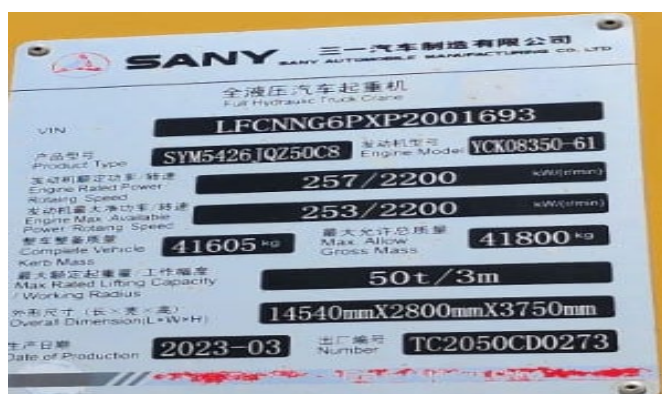
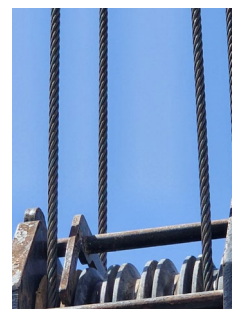
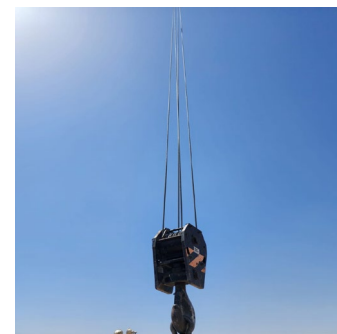
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	11.7	16.0	20.2	26.5	32.8	39.2	45.5	18.1	24.4	30.7
3	50.0							26.0		
3.5	47.5							26.0		
4	43.6	41.0						26.0	25.0	
4.5	40.2	38.4						26.0	24.7	
5	37.3	35.6	32.0	26.0				26.0	23.7	17.0
6	32.2	30.6	29.9	26.0	21.2			26.0	22.2	16.0
7	27.6	25.8	26.4	24.6	20.4			23.2	21.2	14.8
8	23.6	22.2	22.5	22.5	19.2	14.6		20.8	19.0	13.7
9	19.7	19.1	19.0	20.2	17.3	14.0	10.1	18.5	17.5	12.8
10		16.4	15.9	16.9	16.2	13.2	9.7	14.2	14.5	11.2
12		11.5	11.2	12.2	12.4	12.0	9.6	11.0	11.9	9.9
14			8.2	9.2	9.8	9.3	8.6		9.4	9.1
16			6.1	7.0	7.7	7.9	7.8		7.6	7.8
18				5.7	6.1	6.5	6.4			6.9



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LOAD TEST & NDT (MPI) REPORT			
Report No:	260630133	Examination Date:	21/07/2026
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:	202303035	Aux. Hook Serial Number:	N/A
Main Hook SWL:	50 Ton	Aux. Hook SWL:	N/A

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

