




CERTIFICATE OF THOROUGH EXAMINATION

This Certificate complies with the requirements of the Lifting Equipment Operations and Lifting Equipment Regulations

Client Name:	Aberdeen Technical Service CO			Certificate No:	QC-ATS-04-24-0079/01
Date of Examination:	27.04.2024	Location:	Aberdeen Yard	Job Number:	QC-ATS-04-24-0079
Equipment Serial No:	TC2050CB1090			SWL:	50 Ton
Description of Equipment	Diesel Operated Hydraulic Telescopic Boom Mobile Crane 50 Ton SWL @ 3.0 m. Radius & 11.6 M. Boom Length, ON Fall Pats Line and Fully Extended Five Outrigger Manufacturer / Date: SANY / 06.2021 Chasses No: LFCNNF5P1M2040731 Model: SYM5410JQZ (STC500E) Basic Boom Length: 11.7 M to 45.5 M Max Radius: 38.0 M Main Hoist S/N: HCZ2150981, SWL: 50 Ton Wire rope: 18 MM Auxiliary Hoist S/N: 132702010030B, SWL: 6 Ton Wire rope: 18 MM Registration No: A 92586 BASRA				
Ref. Standard	BS 7121-2/3 -2012				
Date of Last Examination:	05.04.2024		Last Proof Load Test Date:	05.04.2024	
MAIN BLOCK	No. of Falls	Radius (m)	Boom Length (m)	SWL (ton)	Load Applied (ton)
	8	3.0 M 9.0 M	11.6 M 19.9 M	34.0 Ton 19.0 Ton	--- 18.8 Ton
AUX. LINE	1	20 M	29.0 M	5.40 Ton	Function Test
Is this the first examination after Installation or assembly at a new site or location?		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		Was the examination carried out? Within an interval of 6 months? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
If the answer to the above question is YES has the equipment been installed correctly?		YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		With an interval of 12 months? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
				In accordance with an examination scheme? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
				After the occurrence of exceptional circumstances? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
Identification of any part found to have a defect which is or could not become a danger to persons and a description of the defect: (If none State NONE) NONE					
Is the above a defect which is of immediate danger to persons:				YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
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:	
Particulars of any repair, renewal or alteration required to remedy the defect identified above:					
Particulars of any tests carried out as part of the examination: (If none state NONE)					
In the light of inspection findings subject Mobile Crane was Inspected visually, operationally and performance Function test, Proof Load Test, was performed where no defects were observed during testing Hence, it was found satisfactory and fit for intended use.					
IS THIS EQUIPMENT SAFE TO OPERATE?				YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

REV: 01 Dated: 20 June 2022

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Aizaz Farahat	Ashraf El-said		26.04.2025

THIS IS TO CERTIFY THAT; a competent person did attend the above-mentioned work location on the date shown above and the equipment described in this report was tested & inspected as per the requirements of Lifting Operation Lifting Equipment Regulation "LOLER". The result was found Satisfactory at the time of Inspection and considered Safe for Lifting.






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1. STRUCTURE		
DESCRIPTION	RESULT	COMMENTS
Structure & Data Plate	√	
Slew Bearing Turn Freely/ Mechanism	√	
Chassis	√	
Crane Tires & Nuts	√	
Outriggers: -		
Hoses	√	
Extension rams	√	
Interlocking system	√	
Connecting Bolts and pins	√	
Levelling system	√	
Paint work	√	
Out rigger pads	√	
Boom: -		
Condition	√	
Hydraulic hoses	√	
Extension rams	√	
Extension Interlocks	√	
Boom main hoist ram	√	
Main hoist ram foot pin	√	
Counter Weight:		
Ballast weights pick up rams	√	
Hydraulic hoses	√	
Operation	√	
Ballast weights	√	
Electrics		
Switchgear and panels	√	
Connections / wiring	√	
Operations	√	

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2. AUTOMATIC SAFE LOAD INDICATORS AND LIMIT SWITCHES

DESCRIPTION	RESULT	COMMENTS
Radius/ Boom/ Angle Indicators	√	
Safe Load Indicator & Overload Limit Switch	√	
Audible & Visual Alarms are operative	√	
Anti-Two Block Switches Operation	√	
Position and visibility	√	

3. HYDRAULIC SYSTEM


DESCRIPTION	RESULT	COMMENTS
Flexible Hoses and Hose Connections	√	
Hydraulic Cylinder	√	
Hydraulic Cylinder Fittings	√	
Hydraulic Filter	√	
Pump Condition	√	
Oil Seepage/ Leakage	√	

4. WIRE ROPES/ FITTINGS/ HOOK BLOCKS/ SHEAVES/ DRUM

DESCRIPTION	RESULT	COMMENTS
Wire Rope Condition	√	
Rope Reeving on Drum	√	
Drum Condition	√	
MAIN Hook Block	√	
Hook Safety Latch	√	
Sheaves	√	
Wedge Socket & Dead-End Anchorage Point	√	
Boom Angle Indicator	√	

5. OPERATOR CABIN & GENERAL

DESCRIPTION	RESULT	COMMENTS
Cabin condition	√	
Visibility	√	
Seating	√	
Heat and ventilation	√	
Manufactures rating charts	√	
Access and egress	√	

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Control markings	√	
Control operation	√	
Windscreen wipers	√	
Fire Extinguisher Availability	√	


6. OPERATIONAL TEST		
DESCRIPTION	RESULT	COMMENTS
Hoisting Up & Down	√	
Boom Extraction and Subtraction	√	
Boom Raising and Lowering	√	
Slewing Operation & Alarm	√	
Drum Operation	√	
Levers Operation (In Operator Cabin)	√	
Reverse Alarm & Operation	√	
Lights, Horn & Indicators	√	

Test Methods:		
DESCRIPTION	RESULT	COMMENTS
VT	√	
MT	√	
Functional Testing	√	
Performance Testing	√	
Proof Load Test {1.25 X SWL}	√	

Functional Testing: Carried Out without Load on all functions (including brakes and safety devices) and Controls to check correct and smooth operation of equipment and is free from wear and other damage.

Performance Testing: Carried out after Functional Test and with the rated load (SWL) applied where Hoist brakes were found satisfactory.

Proof Load Test: Carried out after Performance Test and with the 1.25 x (SWL) applied load where Hoist brakes were found satisfactory.

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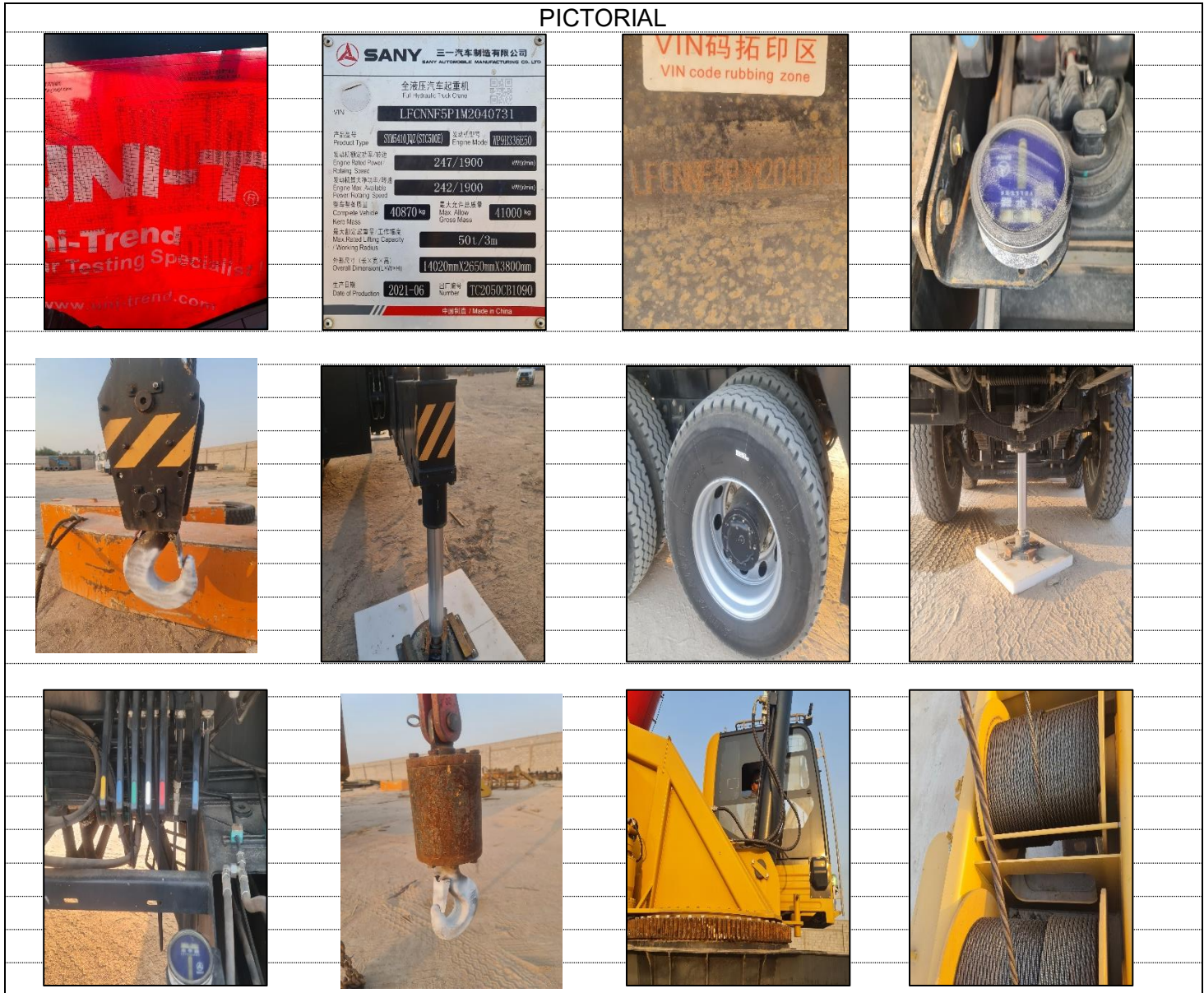



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PICTORIAL



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PICTORIAL



مستوى	E	LFCNHFSP1M2040731	
1	11	2021	
رافعة هيبروتوكية			
W	13	2/0	
0 kg	0.2	0 kg	
0 kg	A.12	0 kg	
2/0	F.1	0 kg	
0 kg	F.2	0 kg	
1	A.13	اختيائية	
	P.1		
P.2	425 kW	محرك	
	P.3	موزن	
	K	0	
P.5	LFCNHFSP1M2040731	T	0 km/h
	19	0	
	20	0	

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