




## CERTIFICATE OF THOROUGH EXAMINATION

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

<b>Client Name:</b>	ABERDEEN TECHNICAL SECVICE CO			<b>Certificate No:</b>	QC-ATS-05-24-0084/01
<b>Date of Examination:</b>	07.05.2024	<b>Location:</b>	ABERDEEN Yard	<b>Job Number:</b>	QC-ATS-05-24-0084
<b>Equipment Serial No:</b>	437672			<b>SWL:</b>	55 Ton
<b>Description of Equipment</b>	Diesel Operated Hydraulic Telescopic Boom Mobile Crane  55 Ton SWL @ 3.0 m. Radius & 11.1 M. Boom Length, ON 12 Falls Fall Pats Line and Fall Extended Five Outrigger Manufacturer / Date: TADANO / 2006 Chasses No: JTX4255A470DC0203 Model: GT-550E-1-00102 Basic Boom Length: 11.1 M to 42.0 M Max Radius: 34.0 M Main Hoist S/N: M1, SWL: 55 Ton Wire rope:19 MM Spin Resistant Type Auxiliary Hoist S/N: A1, SWL: 4.5 Ton Wire rope:19 MM Spin Resistant Type Registration No: 13851 Erbil				
<b>Ref. Standard</b>	BS 7121-2/3 -2012				
<b>Date of Last Examination:</b>	30.08.2023	<b>Last Proof Load Test Date:</b>	10.10.2019		
<b>MAIN BLOCK</b>	<b>No. of Falls</b>	<b>Radius (m)</b>	<b>Boom Length (m)</b>	<b>SWL (ton)</b>	<b>Load Applied (ton)</b>
	12	8.0 M	15.0 M	17.9 Ton	--
<b>AUX. LINE</b>		6.0 M	15.0 M	25.0 Ton	20.45 Ton
	1	20 M	42.0 M	3.2 Ton	Function Test
Is this the first examination after Installation or assembly at a new site or location?		YES	NO	√	
If the answer to the above question is YES has the equipment been installed correctly?		YES	NO		
		N/A			
Was the examination carried out?		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
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	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:	
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, was performed where no defects were observed during testing Hence, it was found satisfactory and fit for intended use.					
<b>IS THIS EQUIPMENT SAFE TO OPERATE?</b>				YES	NO

REV: 01 Dated: 20 June 2022

<b>ASNT Level II Inspector Name:</b>	<b>Authenticating This Report:</b>	<b>Signature &amp; Stamp:</b>	<b>Date of Next Through Examination:</b>
Mohamed Abdulla	Ashraf El-said		06.05.2025

**THIS IS TO CERTIFY THAT;** a competent person did attend the above-mentioned on the work location on the date shown above and the equipment described in this report was tested & inspected as per the requirements of Lifting Operations and 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	√	
<b>Outriggers: -</b>		
Hoses	√	
Extension rams	√	
Interlocking system	√	
Connecting Bolts and pins	√	
Levelling system	√	
Paint work	√	
Out rigger pads	√	
<b>Boom: -</b>		
Condition	√	
Hydraulic hoses	√	
Extension rams	√	
Extension Interlocks	√	
Boom main hoist ram	√	
Main hoist ram foot pin	√	
<b>Counter Weight:</b>		
Ballast weights pick up rams	N/A	
Hydraulic hoses	N/A	
Operation	N/A	
Ballast weights	N/A	
<b>Electrics</b>		
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	√	

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### 5. OPERATOR CABIN & GENERAL

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

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### 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.

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