




QC-ATS-08-24-0127/01

CERTIFICATE OF LOAD TESTING AND 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-08-24-0127/01			
Date of Examination:	08-08-2024	Location:	Aberdeen Yard	Job Number:	QC-ATS-08-24-001			
Equipment Serial No:	437551			SWL:	55 T			
Description of Equipment	<p align="center">Diesel Operated Hydraulic Telescopic Boom Mobile Crane</p> <p>55 Ton SWL @ 3.0 m Radius & 11.1 m Boom Length, on Full No. Parts of Line, and Fully Extended Outriggers 6.8 m. Manufacturer / Date: TADANO / 2019 Chassis No: KG48U-00142 Model: GT-550E Basic Boom Length: 11.1 m – 42.0 m Max Radius: 34.0 m Main Hoist S/N: 4Z21A SWL: 55.0 T Wire rope: 19 mm Rotation Resistant Type Auxiliary Hoist S/N: 5-12-04 SWL: 4.5 T Wire rope: 19 mm Rotation Resistant Type Registration No: 52692 / Basra</p>							
Ref. Standard	BS 7121-2/3 -2012							
Date of Last Examination:	03-01-2024		Last Proof Load Test Date:	N/A				
MAIN BLOCK	No. of Falls	Radius (m)	Boom Length (m)	SWL (ton)	Load Applied (ton)			
	12	3.0 m	11.1	55.0	Functional Test			
	7	5.0	18.8	28.0	Functional Test			
	7	8.0	18.8	17.6	16.2			
AUX. LINE	1	16.0	18.8	3.5	3.5			
Is this the first examination after Installation or assembly at a new site or location?	YES	NO	✓	Was the examination carried out? Within an interval of 6 months?	YES	NO	✓	
If the answer to the above question is YES has the equipment been installed correctly?	YES	NO		Within an interval of 12 months?	YES	NO	✓	
	N/A			In accordance with an examination scheme? 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) The Above-mentioned Mobile Crane was Inspected visually, operationally, performantly, and functionally tested, where no defects were observed during the tests. Hence, it was found satisfactory and fit for intended use.								
IS THIS EQUIPMENT SAFE TO OPERATE?							YES	NO

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
AIZAZ FARHT	Mohamed Abdalla		07-08-2025

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REV: 01 Dated: 20 June 2022

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	√	
Paintwork	√	
Outrigger 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	N/A	Counterweights are integral with upper-structure
Hydraulic hoses	N/A	
Operation	N/A	
Ballast weights	N/A	
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}	N/A	After major repair, modification, or exceptional circumstances

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: N/A

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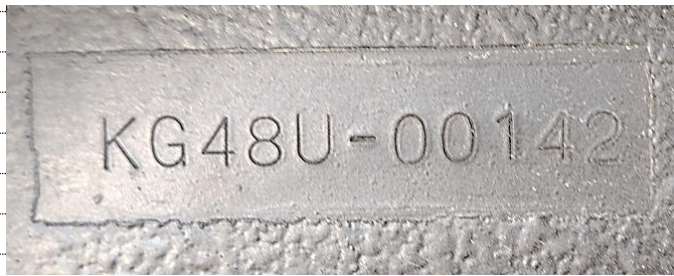
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PICTORIAL



D.1.	نيسان	E.	KG48U-00142
D.3.	تادانو	11.	2019
J.	رافعة هيدروليكية	13.	1/0
R.	اصفر غير محدد	A.12.	
O.1.		O.2.	
S.1/S.2.	1/0	F.1.	50 kg
L.	0	A.13.	احتمالية
P.2.	125 kW	P.3.	بازل
P.5.	KG48U-00142	T.	km/h
18.		20.	0
A.23.			



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