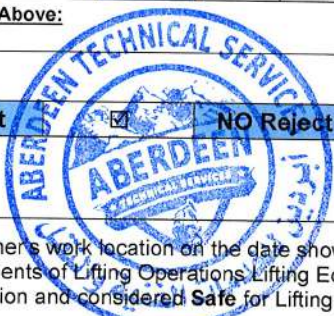




Aberdeen Technical Services - Iraq

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF LIFTING EQUIPMENT – MOBILE CRANE
This Report Complies with The Requirements of The Lifting Operations and Lifting Equipment Regulations 1998 S.I. No. 2307

Owner / company:	World Ways	Date of Certificate:	20/1/2021						
Location of Examination:	ATS YARD	Date of Examination	20/1/2021						
Certificate Number:	ATS-C-C-WW-21-1-001	Serial No.:	437661						
Manufacturer / Maker of crane:	TADANO	Type / Model:	GT-550-E						
Date of Manufacture:	2006	SWL:	55 Tonne						
Plate registration number:	ERBIL 14115	Chassis No:	JTX4255A760DC0050						
Description of equipment	<p>Diesel Operated Hydraulic Telescopic Boom Mobile Crane Maximum capacity (SWL)55 Tone @ 11.1m. boom length ,3.0 m. Radius, on 12 falls configurations with special equipment</p> <p>Main Hoist: - Wire rope - 19 mm IWRC. Basic Boom length: - 11.2 m. SWL : 55 TON Maximum lifting height: - 42.0 m. ID NO. 1404</p> <p>AUX. Hoist: - Wire rope - 19 mm IWRC. SWL : 4.5 Tone Line pull test: - (on single part of line) . ID NO. 1202 * Registration No: - ERBIL- 14115.</p>								
Reference Standards	BS_7121_3_2017_A1_2019								
Main Block	No. Of Falls	Radius (m)	Boom Length (m)	SWL (TON)	Applied Load (TON)				
	12	3.0 m	11.1 m	55 TON	FUNCTIONAL TEST				
	5	10.0 m	26.6 m	8.500 TON	FUNCTIONAL TEST				
	4	9.0 m	34.4 m	7.600 TON	FUNCTIONAL TEST				
Aux Line	1	3	11.1 m	4.500 TON	FUNCTIONAL TEST				
FOUND OK FOR ALL POINTS TAKING @ RCI FUNCTION TEST									
Last Inspection Date	Next Inspection Due Date	Last Proof Load Test Date	Next Proof Load Test Due						
21/1/2020	19/1/2022	By Manufacturer	AFTER REPAIR OR MODIFICATION						
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"/>	Within an interval of 12 months?	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
					In accordance with an examination scheme?	YES	<input type="checkbox"/>	NO	<input checked="" 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 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)									
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> By:									
Particulars Of Any Repair, Renewal Or Alteration Required To Remedy The Defect Identified Above:									
None									
Particulars Of Any Tests Carried Out As Part Of The Examination: (If None State NONE)									
Visual & function test, was carried out & found Satisfactory @ the time of inspection.									
Is This Equipment Safe to Operate?									
Yes Accept <input checked="" type="checkbox"/> NO Reject <input type="checkbox"/>									
Inspector Name & signature: Karam Farid	Authorized By: Mujtaba Ali Abed	Stamp and Date: 20/1/2021							



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



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Aberdeen Technical Services - Iraq

Thorough Examination of Mobile Crane - Checklist

Owner / Company:	World Ways	Crane Type / Model:	GT-550-E
Location of inspection:	ATS YARD	Serial No.:	437661
Manufacturer / Maker:	TADANO	Chassis No:	JTX4255A760DC0050
Date of manufacture	2006	SWL:	55 Tonne
Date of Inspection:	20/1/2021	Plate registration No:	Erbil 14115

Inspected item / Point	Comments	Accept		Reject	
		✓	□	✓	□
Marking of Identification Number		✓	□		
Marking of controls		✓	□		
Marking of warning/safety notes		✓	□		
Crane charts		✓	□		
Engine (gearbox, filters, belts, pulleys, radiator, hoses, mechanical parts, etc.)		✓	□		
Brakes, discs		✓	□		
Tyres		✓	□		
Wheels		✓	□		
Crane chassis		✓	□		
Outrigger jacks		✓	□		
Outrigger pins		✓	□		
Outrigger controls		✓	□		
Outrigger level gauges		✓	□		
Outrigger pads / mats		✓	□		
Fastenings		✓	□		
Valves		✓	□		
Hydraulic tank		✓	□		
Hydraulic cylinders		✓	□		
Hydraulic cylinder fittings		✓	□		
Fuel tank		✓	□		
RCI/RCL		✓	□		
Limit switches		✓	□		
Lubrication		✓	□		
Slew section structure		✓	□		
Slewing mechanism (jib at max. radius)		✓	□		
Pipe work and connections		✓	□		
Hydraulic system operation high & low limits		✓	□		

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Aberdeen Technical Services - Iraq

Thorough Examination of Mobile Crane - Checklist

Owner / Company:	World Ways	Crane Type / Model:	GT-550-E
Location of inspection:	ATS YARD	Serial No.:	437661
Manufacturer / Maker:	TADANO	Chassis No:	JTX4255A760DC0050
Date of manufacture	2006	SWL:	55 Tonne
Date of Inspection:	20*1/2021	Plate registration No:	Erbil 14115

Inspected item / Point	Comments	Accept	Reject
Fluids: levels, leakage	Engine Coolant	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Radiator Water	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Hydraulic Fluid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Superstructure		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rotex gear / rotating frame		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Boom and boom cylinder		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jib		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fly jib and mounting attachment		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Crane attachments		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Main hook block condition		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aux. Hook block condition		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pulleys		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sheaves		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drums		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wire ropes: condition, reeving, functionality		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ladders		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walkways		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Guard rails		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hand holds		<input checked="" type="checkbox"/>	<input type="checkbox"/>
cabs controls/levers		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cabs gauges		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cabs seating, seatbelts		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cabs doors, windows and mirrors		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cabs: heat and ventilation systems		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windscreen wipers and washers		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cabs heating system		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cabs: Falling Object Protection FOP		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Counterweights		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Aberdeen Technical Services - Iraq

Thorough Examination of Mobile Crane - Checklist

Owner / Company:	World Ways	Crane Type / Model:	GT-550-E
Location of inspection:	AT3 YARD	Serial No.:	437661
Manufacturer / Maker:	TADANO	Chassis No:	JTX4255A760DC0050
Date of manufacture	2006	SWL:	55 Tonne
Date of Inspection:	20/1/2021	Plate registration No:	Erbil 14115

Inspected item / Point	Comments	Accept	Reject
Hoist and luffing winches and brakes		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cables and wiring		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Slip rings		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Guards: presence, condition		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Battery, wires, electricity		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sensors and limit switches		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front and tail lights, warning beacon, and warning lights		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alarm sounds		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Overload alarm / protection		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Horn		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Anti-two block		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Crane: functionality (Hoist, swing, boom up/down, boom telescoping, steering, brakes)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other observation(s)			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Inspector name and signature:

Karam Farid

Date and Stamp:

20/1/2021



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International Well Control Forum



ASTM INTERNATIONAL

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Aberdeen Technical Services - Iraq

Thorough Examination of Mobile Crane - Checklist

Owner / Company:	World Ways	Crane Type / Model:	GT-550-E
Location of inspection:	ATS YARD	Serial No.:	437661
Manufacturer / Maker:	TADANO	Chassis No:	JTX4255A760DC0050
Date of manufacture	2006	SWL:	55 Tonne
Date of Inspection:	20/1/2021	Plate registration No:	Erbil 14115

Observations and Pictures:



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Thorough Examination of Mobile Crane - Checklist

Owner / Company:	World Ways	Crane Type / Model:	GT-550-E
Location of inspection:	ATS YARD	Serial No.:	437661
Manufacturer / Maker:	TADANO	Chassis No:	JTX4255A760DC0050
Date of manufacture	2006	SWL:	55 Tonne
Date of Inspection:	20/1/2021	Plate registration No:	Erbil 14115



Visual examination was carried out on RCI and found ok at the time of inspection



Visual examination was carried out on Tires and found ok at the time of inspection

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Thorough Examination of Mobile Crane - Checklist

Owner / Company:	World Ways	Crane Type / Model:	GT-550-E
Location of inspection:	ATS YARD	Serial No.:	437661
Manufacturer / Maker:	TADANO	Chassis No:	JTX4255A760DC0050
Date of manufacture	2006	SWL:	55 Tonne
Date of Inspection:	20/1/2021	Plate registration No:	Erbil 14115



Visual examination was carried out on a drum wire and found ok at the time of inspection



Visual examination was carried out on Slew bearing and found ok at the time of inspection

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Thorough Examination of Mobile Crane - Checklist

Owner / Company:	World Ways	Crane Type / Model:	GT-550-E
Location of inspection:	ATS YARD	Serial No.:	437661
Manufacturer / Maker:	TADANO	Chassis No:	JTX4255A760DC0050
Date of manufacture	2006	SWL:	55 Tonne
Date of Inspection:	20/1/2021	Plate registration No:	Erbil 14115



Visual examination was carried out on crane condition and found ok at the time of inspection

Final Conclusion
Good condition

Inspector name and signature:
Karam Farid

Date and Stamp:
20/1/2021



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Magnetic Particles Inspection Certificate

ATS-NDT-F-002 ISSUE 2 NOV 2020

Certificate No: **ATS-C-C-WV-21-1-001** Procedure No: **ATS-NDT-P-001** Location: **ATS YARD** Date: **20/1/2021** Next inspection date: **19/1/2022**

Client: **World Wings** Work order and No.: **Verbal Confirmation** Material: **Carbon Steel** Surface Condition: **Smooth/Clean**

Relative Standard/Specification: **ASTM E 709-15** Thickness: **NA** OD: **NA**

Acceptance Criteria: **BS 7121-3**

Method of inspection: Dry Wet Visible Residual Continuous

Direction for Field: Circular Longitudinal Light intensity: **1251 LUX**

Post-examination Demagnetizing Technique - if Required: **N/A**

Post-cleaning: **Done**

Magnetizing Instrument - Type: **Permanent yoke** Maker: **SKIPP** Model: **SKPY19** S. No: **PY019CM** Cal. Due Date: **8/11/2021**

Magnetic Particles - Type: **Aerosol spray can** Maker: **Magnaflox** Model: **Magnavis@ 711F** Batch / S. No: **191001/008A009** Expiry date: **OCT 2022**

White Contrast Paint - Type: **Aerosol spray can** Maker: **Magnaflox** Model: **Magnavis@ WCP-2** Batch / S. No: **190401/008A103** Expiry date: **APR 2022**

Field Indicator - Type: **Gauss meter** Maker: **Western Instrument** Model: **B17** S. No: **1546** Cal. Due Date: **01/2/2021**

Light Source - Type: **Day Light** Maker: **N/A** S. No: **N/A** Cal. Due Date: **N/A**

Light Meter - Type: **UV-Visible light meter** Maker: **Model: XP-2000/F** S. No: **1965921** Cal. Due Date: **8/5/2021**

ID No.	Description of Indication	Accepted / Rejected	Remarks
1404	NO INDICATIONS WERE FOUND AT THE TIME OF INSPECTION	<input checked="" type="checkbox"/>	Accepted
1202	NO INDICATIONS WERE FOUND AT THE TIME OF INSPECTION	<input checked="" type="checkbox"/>	Accepted
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

Results and remarks: **Hook block are found satisfactory for further use**

Inspector Name: **Karam Farid** Approved by: **Mujibha Ali Abod**

Level: **NDT Level III** Position: **Inspection Supervisor**

Date: **20/1/2021** Signature:

Stamping Area: **ABERDEEN TECHNICAL SERVICES**

Logo: **IADC** **ISO 9001** **ISO 14001** **ISO 45001** **CEFA** **WEL** **ASNT** **ASNT CP**

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