

CraneSafe®

Div of The Crane Industry Council of Australia
ABN 73 002 565 773

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Accreditation no. 19898

ALL TERRAIN CRANE

Annual Report

Company Allied Hire Pty Ltd

Address 1 Sir Henry Parkes Avenue MEDOWIE

State NSW

Postcode 2318

ABN 64 169 383 662

Representative Peter Riters

Phone 0428 401 848

Email priters@alliedcranehire.com.au

MakeTadanoModelATF 65G-4Serial Number2031312Plant Number42

Year of Manufacture 2007

Design Registration Number NOT SUPPLIED AT

TIME OF THE INSPECTION

Plant Registration NOT SUPPLIED AT

TIME OF THE INSPECTION

Road Registration AZ88YO Max Load 65000kg

Number of Axles 4
Lower Hours 59155
Upper Hours 8965
Kilometers 128137



Country where assessed Australia

Operators Manual in English

Log Book

OK

Maintenance Records

Crane Safety Manual

OK

Yes

State NSW

Assessed ByJohn HardingCompanyHarding Engineering Pty LtdReg. No.NSW1078AddressPO Box 306 SALAMANDER BAY

Phone0418 465 469StateNSWEmailjohnh@hardingengineering.com.auPostcode2317

 Initital Inspection Date
 02/06/2020
 Issued Date
 19/06/2020

 Re-Inspection Date
 19/06/2020
 Expiry Date
 19/06/2021

Conforms to Checklist Yes

This report is confirmation that the crane has undergone an annual inspection to the appropriate standard and is considered safe for continued operation at time of inspection.

Actions Required - NA

Accredited for compliance with ISO/IEC 17020

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports

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BOOM AND ATTACHMENTS

REMEDIED -Base Section No. 1 Section OK No. 2 Section OK No. 3 Section OK No. 4 Section OK - Very dry all sections need greasing No. 5 Section **Additional Sections** N/A Head Sheaves and bearings OK Idler Sheave and Bearing OK Rooster Sheave and Bearing OK Extension / Fly Jib Mounts OK Shimming and Alignment OK Boom Lift Cylinders OK Lock Valve(s) OK **Extension Cylinders** OK Lock Valve(s) OK Extend Ropes / Chains N/A Retract Ropes / Chains N/A Boom Length Recoil Drum(s) OK - coil needs retenisioning Mechanical Boom Angle Indicator OK Fixed Jib N/A Luffing Jib(s) N/A Masts N/A Suspension Ropes N/A Suspension Straps / Tubes N/A N/A Load Cell Recoil Drums N/A Superlift N/A Superlift Winch N/A Superlift Winch Brakes N/A Boom / Attachments / Electrics OK **Proximity Switches** OK Boom Pinning System OK Extension / Fly Jib OK Sheaves and Bearings OK Anemometer N/A ANTI-TWO BLOCKS Boom Head OK Rooster Sheave OK Extension / Fly OK HOOK BLOCKS - WITH CRANE Description Hook block 3 fall Type Manufacturers Identification OK - 7015500 Branded WLL (kg) OK 12500ka Safety Latches OK OK - 1 Sheaves and Bearings Swivel OK Branded with Tare Weight (kg) OK 180ka HOOK BLOCKS - WITH CRANE No. 2 Description single fall block Type Manufacturers Identification OK - 7755917 Branded WLL (kg) OK 5000kg Safety Latches OK Sheaves and Bearings N/A Swivel OK Branded with Tare Weight (kg) OK 150kg

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REVOLVING FRAME AND CABIN

Frame Counterweight Attachment - Security Counterweight Hazard Striping Boom Mounting Lugs Boom Mounting Pins Lift Cylinder Lugs Lift Cylinder Pins Cab Glass and Mirrors Sheet Metal / Guards Seat Assembly Throttle Dead Man Controls Free Fall Lockout Decals / Signs - In English Load Charts in English as per AS1418 Control Levers - Clearly Marked Control Cables / Pilot Hoses Heater Air Conditioner Gauges Anti-Two block Alarms Horn Access Steps Doors and Locks Crane Level Indicator Outrigger Controls Cab Mounts Front Wiper Roof Wiper Windscreen Wiper / Washer Switches and Relays Upper Steering Upper Braking	OK O
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SLEW SYSTEM

Slew Transmission & Oil Level Leaks Swing Brake Lock Valve(s) House Lock Slew Pinion Slew Gear Slewing Ring Base Weld Smooth Operation Rotary Coupling Slew Bolts Excessive Bearing Play Excessive Backlash Electrical Swivel	OK - visual only OK
Electrical Swivel	OK

MAIN WINCH

Winch Condition & Oil Level OK

Leaks OK - visual only

Rope Spooling OK
Mounts OK
Brake Caliper and Disc N/A
Friction Pads N/A
Brake Operation OK
Drum Turn Indicator OK

Main Wire Rope REMEDIED -

Rope Socket and Pins OK Correct Assembly and Connection of Hoist OK

Rope Socket

Drum Locking Pawl Mechanism N/A
Clutch Linings and Cylinder Protection N/A

AUXILIARY WINCH

Winch Condition & Oil Level OK - visual only Leaks OK Rope Spooling OK Mounts OK Brake Caliper and Disc N/A Friction Pads N/A **Brake Operation** OK **Drum Turn Indicator** OK Auxiliary Wire Rope OK Rope Socket and Pins OK Correct Assembly and Connection of Hoist OK Rope Socket Drum Locking Pawl Mechanism N/A Clutch Linings and Cylinder Protection N/A

HYDRAULIC SYSTEM

Hydraulic Reservoir & Oil Level OK Return Filters and Housing OK Suction Lines and Hoses OK Oil Cooler(s) OK Main Pump(s) OKSlew Pump OK Steering Pump OK Pilot Pump OK Relief Valves OK Pressure Filter and Housing OK Slew Motor OK Slew Valve OK Main Winch Motor OK Auxiliary Winch Motor OK Main Winch Valve OK Auxiliary Winch Valve OK Boom Lift Valve OK Boom Extension Valve OK Pressure Lines and Hoses OK Power Steering Cylinders OK Vertical Outrigger Cylinders OΚ Horizontal Outrigger Cylinders OK **Outrigger Control Valves** OK Outrigger Lock Valves OK Counterweight Lift Cylinder OK

AIR SYSTEMS

Compressor Air Reservoirs Drain Valves	OK OK
Air Lines Brake Chambers Brake Valves	OK OK OK
Air Cylinders Air Dryer	OK OK

CHASSIS INSPECTION

Frame Suspension System Steering Components Driving Axles Non Driving Axles Differentials Planetary Drives Drive Lines Brake(s) Parking Brake Outrigger Boxes Outrigger Beams Outrigger Pads Markings For Alternate Outrigger Widths Outrigger Hazard Striping Sheet Metal / Guards Decals / Signs - In English Doors and Locks Outrigger Controls and Labeling Axle Levelling for Road Travel Crane Levelling System Condition of Tyres Appropriate Earthing Earth Strap Fire Extinguisher	OK O
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ELECTRICAL SYSTEMS

Battery Box	OK
Battery Cables	OK
Battery Isolator	OK
Starter	OK
Head Lights	OK
Tail Lights	OK
Stop Lights	OK
Directional indicators	OK
Hazard Lights	OK
Clearance Lights	OK
Switches and Relays	OK
Rotating Beacon(s)	OK
Reverse Alarm	OK
Horn for Road Travel	OK

DRIVE SYSTEMS

SUPERSTRUCTURE DRIVE SYSTEM

CARRIER CABIN

Cab Glass and Mirrors	OK
Sheet Metal and Guarding	OK
Seat and Assembly including Seat Belts	OK
	•
Throttle	OK
Foot Brake	OK
Clutch Pedal	N/A
Steering Wheel Free Play	OK
Decals / Signs - In English	OK
Heater	OK
Air Conditioner	OK
Gauges	OK
Indication and Warning Lights	OK
Windscreen Wiper / Washer	OK
Exhaust / Telma Brakes	OK

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FUNCTIONAL TESTS - MAIN WINCH

Rated Capacity Indicator (RCI) Load Chart Reference Number Printed Chart - No Load

6 t counterweight full outriggers

OK

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	70.50°	70.30°
Boom Length, m	44.00m	44.00m
Radius, m	14.50m	14.50m
Load, kg	6800kg	6800kg

RCI Load Charts

75%

Rated Capacity Limiter (RCL) Load Chart Reference Number Rated Load - Boom Fully Extended

6 t counterweight full outriggers

OK

	Rated Capacity Indicator	Measured
Radius, m	14.50m	14.70m
Load, kg	7000kg	5755kg

Rated Load in Stability

OK

	Rated Capacity Indicator	Measured
Radius, m	14.50m	14.70m
Load, kg	7000kg	5755kg

Line Pull Test

OK

	Rated Capacity Indicator	Measured
Load, kg	4500kg	4700kg

Winch Brake Test

OK

	Rated Capacity Indicator	Measured
Load, kg	4500kg	4700kg

Overload Warning Lights and Alarms Rated Capacity Limiter Fitted (Overload OK OK

Limiter)

FUNCTIONAL TESTS - AUXILIARY WINCH

Load Chart Reference Number Rated Load - Boom Fully Extended 6t counterweight full outriggers

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	Rated Capacity Indicator	Measured
Radius, m	20.80m	21.00m
Load, kg	3300kg	3530kg

Rated Load in Stability

OK

	Rated Capacity Indicator	Measured
Radius, m	20.80m	21.00m
Load, kg	3300kg	3530kg

Line Pull Test

OK

	Rated Capacity Indicator	Measured
Load, kg	4500kg	4550kg

Winch Brake Test

OK

	Rated Capacity Indicator	Measured
Load, kg	4500kg	4550kg

Overload Warning Lights and Alarms Rated Capacity Limiter Fitted (Overload OK

Limiter)

OK

CRACK INSPECTION

No Cracks Detected

REMEDIED - Crack on boom mount support

Any third party testing is not included in the Crane Safe NATA accreditation.

ADDITIONAL ANNUAL INSPECTIONS STIPULATED BY THE MANUFACTURER - NA

SITE REQUIREMENTS - NA

APPENDICES CRANE



Model

Serial Number



Lower Hours



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Kilometers

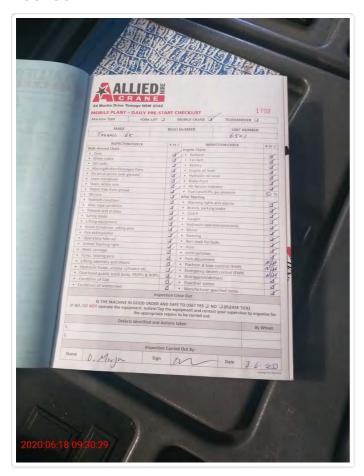






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ASSESSMENT



Log Book

BOOM AND ATTACHMENTS



Base Section

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Description







Description



Manufacturers Identification

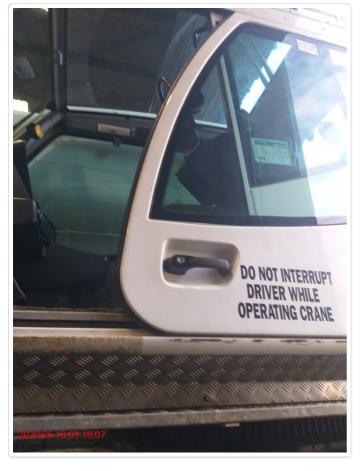


REVOLVING FRAME AND CABIN

Doors and Locks







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Doors and Locks



SLEW SYSTEM



Base Weld

MAIN WINCH

Drum Turn Indicator







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Correct Assembly and Connection of Hoist Rope Socket

AUXILIARY WINCH



Auxiliary Wire Rope



Correct Assembly and Connection of Hoist Rope

AIR SYSTEMS



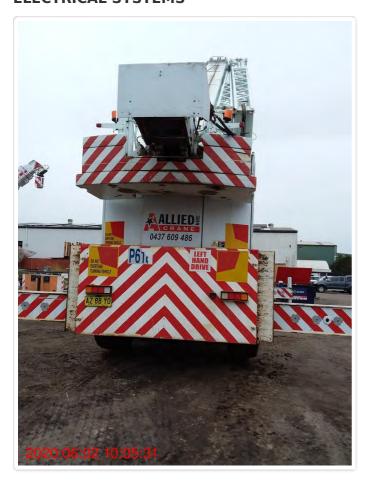
Air Lines

CHASSIS INSPECTION



Driving Axles

ELECTRICAL SYSTEMS



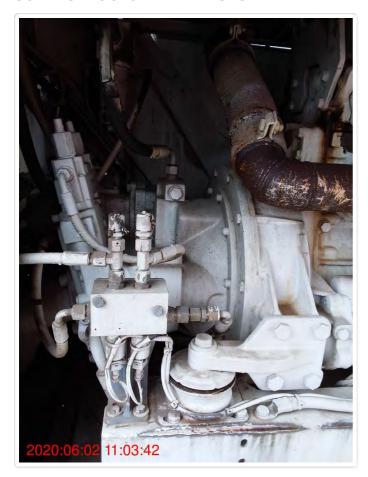
Hazard Lights

DRIVE SYSTEMS



Fan Guard

SUPERSTRUCTURE DRIVE SYSTEM



Pump Drives

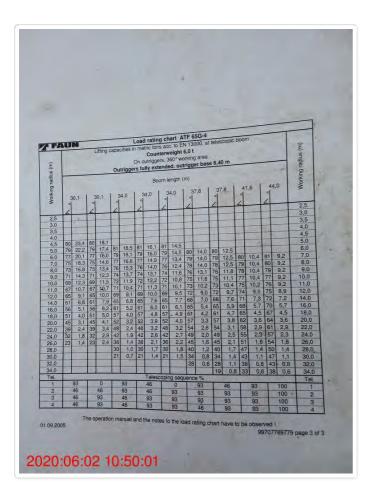
CARRIER CABIN



Air Conditioner

FUNCTIONAL TESTS - MAIN WINCH

Load Chart Reference Number







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Rated Load - Boom Fully Extended - Load Measured



Line Pull Test - Load RCI



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Line Pull Test - Load Measured



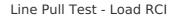
FUNCTIONAL TESTS - AUXILIARY WINCH



Rated Load - Boom Fully Extended - Load RCI

Rated Load - Boom Fully Extended - Load Measured







Line Pull Test - Load Measured



CRACK INSPECTION



No Cracks Detected

65T Tadano 1000 HOUR SERVICE

UNIT # : 6501 DATE : 14/4/2020

MODEL : ATF65G-4 Km : N/A SERIAL # : 2031312 HOURS : 5800.5

If you find a faulty / damaged area or part please MAKE NOTE of it below.

000 Hour Service Schedule	✓	×	NOTES
Cleaning the Cooler	√		
AIR CLEANER	✓		
Monitoring the Air Cleaner	√		
Service Switch "Air Cleaner Monitoring" - Check for Proper Working Order	√		
Replacement of Air Cleaner Cartridge	√		
Clean Air Cleaner Housing	✓		
Check Air Intake Pipes and Hoses	✓		
HYDRAULIC SYSTEMS			
Check Hydraulic Pumps for Leakage	✓		
Oil Level Inspection	✓		
Replace the Filter Cartridges	✓		
HYDRAULIC PIPING			
Check Hydraulic Hoses / Hose Lines for Damage	√		
ENGINE			
Inspect for leakage	✓		
Oil Level Inspection	✓		
Oil Change, Oil Filter Replacement	✓		
Inspection of Tight Fit of the Hose Clamps of the Charge Air Hoses	√		
Fuel Tank; Drain Condensed Water	✓		
Fuel Strainer; Drain Condensed Water	✓		
Fuel Tank, Clean Fuel Strainer in the Filler Socket	✓		
Fuel Tank; Check Ventilation Filter	✓		
Fuel Strainer; Replace Filter Cartridge	✓		
Check Hose Clamp s of the Coolant for Tight Fit and Tightness	✓		
Inspection of Coolant Level	√		
Checking the Swing Brake for Proper Working Order and leakage	✓		

	✓	×	NOTES
Grease Ring Gear and Pinion of Swing Mechanism	✓		
Grease ball Bearing Slewing Device of Race System (Supplied via Central Lubrication)	√		
Grease the locking Pin	√		
Check Connecting Bolts of Ring Gear, Securing Bolts of Hydraulic Motor and Gearbox Flange Screws for Tight Fit	√		
HOISTING GEAR AND AUXILIARY HOISTING GEAR			
Inspection of Rope Drum	√		
Inspection for Leakage	✓		
Oil Level Inspection	✓		
Inspection of hydraulic Screw Couplings and for Leakage	√		
Oil Cooler / Supplementary Oil Cooler, Clean Cooler Fins	√		
Oil Cooler / Supplementary Oil Cooler; Check Fan and Thermostatic Valve for Proper Working Order	√		
Check Working Pressure of the Hydraulic System of the Superstructure; if Necessary have it Re-Adjusted by Specialists	√		
SWING MECHANISM			
Inspection for leakage	√		
Check Oil Level in Gearbox	√		
Check Hydraulic Oil Level in the Supply Tank of the Swing Brake	✓		
Check Tooth Face Backlash	√		
Grease Drum bearings (Supplied via Central Lubrication)	✓		
Hoisting Gear Brake—Check Disc Package and Free Wheeling	✓		
Check hoist Limit Switch for Proper Function	✓		
Check Rope Limit Switch for Proper Function	√		
Check Length Transmitter Cable	√		
WINCH ROPE			
Visual Inspection	√		
Lubrication and Servicing of the Rope			
Check Rope Drum for Wear	✓		
ELECTRICAL EQUIPMENT			
Check the batteries	√		
Check the Three-Phase Generator	√		
Check the Starter	√		
Check Lamps and indicator Lamps for Proper Function	√		
Clean Lamp Glasses and Check them for Damage	√		
Check the Automatic Safe Load Indicator for Proper Working Order	√		
Check Automatic Safe Load Indicator	√		

	✓	×	NOTES
CRANE CAB			
Treat Door locks (Key Cylinders)	√		
Air Conditioning System; Perform Inspection	✓		
Lubricate / Oil joints, Pins, hinges and all Movable Components	✓		
Clean Wiper-Blade Elements	√		
Replace the Wiper-Blade Elements			
Checking the Fluid Level and Replenish Fluid in Tank of Washing System	✓		
Replace Fuel Filter of Auxiliary heating	✓		
TELESCOPIC BOOM			
Grease an Oil Slide Pieces, Slideway Linings, Slide Bars, Cross-Heads and Guide Rollers	√		
Grease Basic Boom Bearing (Supplied via Central Lubrication)	✓		
BOOM ELEVATION CYLINDER			
Grease Cylinder Bearing (Supplied via Central Lubrication)	√		
BOTTOM BLOCK			
Grease the hook Cross-Beam	√		
COUNTERWEIGHT			
Check Locking Cylinders for Leakage	√		
JIB			
Grease and Lubricate Rope Pulley Support, Bearings, bolt Securing Mechanisms and Lubricators	√		
CENTRALIZED LUBRICATION SYSTEM			
Check Pipes and Screw Couplings for Damage	N/A		
Lubricate Joints, pins, hinges and all Movable Components	√		
ADDITIONAL FAULTS IDENTIFIED :	•		
SERVICE CARRIED OUT BY :	DAT	Έ:	
Damien Bishop		/4/2020	
SIGNATURE :			
DE.			



Certificate No: NSW148702



CERTIFICATE OF ANNUAL INSPECTION AND TESTING

All Terrain Crane

Inspection Date: 19/06/20 **Renewal Date:** 19/06/2021 **Issued Date:** 19/06/2020

Location of Inspection: Tomago

Crane Owner: Allied Hire Pty Ltd

Address: 1 Sir Henry Parkes Avenue MEDOWIE, 2318, NSW, Australia

Crane Make: Tadano Crane Model: ATF 65G-4

Crane Serial Number: 2031312

YOM: 2007 **Hours:** 8965



Inspection in accordance with: AS2550.1 & AS2550.5 EN (FEM&ISO) JIS
✓ Codes of Practice Manufacturer's Instructions.
Inspection Comments:
This certificate is confirmation that the crane has undergone an annual inspection to the
appropriate standard and is considered safe for continued operation at time of inspection.

Signed:

Printed Name: John Harding

CraneSafe Assessor No:: NSW1078

CraneSafe Assessment No: ATC A 148702-

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Accredited for compliance with ISO/IEC 17020

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports



Certificate No: NSW148702

Crane**Safe**

Accreditation no. 19898

LOAD INDICATOR CERTIFICATION All Terrain Crane

Address: 1 Sir Henry Parkes Avenue MEDOWIE, 2318, NSW, Australia

Crane Make: Tadano
Crane Model: ATF 65G-4
Crane Serial Number: 2031312
YOM: 2007 Hours: 8965

Rated Capacity Indicator (RCI)
Load Chart Reference Number

6 t counterweight full outriggers

Printed Chart - No Load

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	70.50	70.30
Boom Length, m	44.00	44.00
Radius, m	14.50	14.50
Load, kg	6,800.00	6,800.00

Rated Capacity Limiter (RCL)

Load Chart Reference Number

Rated Load - Boom Fully Extended

6 t counterweight full outriggers

Rated Load in Stability

	Rated Capacity Indicator	Measured
Radius, m	14.50	14.70
Load, kg	7,000.00	5,755.00

	Rated Capacity Indicator	Measured
Radius, m	14.50	14.70
Load, kg	7,000.00	5,755.00

Line Pull Test

Rated Capacity Measured Load, kg 4,500.00 4,700.00

Winch Brake Test

	Rated Capacity Indicator	Measured
Load, kg	4,500.00	4,700.00

At the time of test, the load indicator was reading in accordance with the requirements of AS1418.1 & AS1418.5 and the load charts supplied with the crane

Signed:

Printed Name: John Harding

CraneSafe Assessor No:: NSW1078

CraneSafe Assessment No: ATC A 148702-10

Issued Date:: 19/06/2020

Accredited for compliance with ISO/IEC 17020

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SUPPORTING INFORMATION