



ALL TERRAIN CRANE Annual Report

ATC A 214745-16



CraneSafe®

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

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Initial Inspection Date: 25 May 2026

Conforms to Checklist: Yes

Issued Date: 05 Jun 2026

Next Inspection Date: 03 Jun 2027

INSPECTED FOR & OWNED BY

Metcalf Crane Services Pty Ltd

ABN 43 076 537 749

PO Box 54 SOMERTON

VIC 3062

REPRESENTATIVE

Mr. Tim Metcalf

03 9308 0044

workshop@metcalfcranes.com.au



Tadano Demag AC100/4L

CARRIER HOURS
4023

SUPERSTRUCTURE HOURS
9161

KILOMETERS
85521

YOM
2016

SERIAL NUMBER
10410

PLANT NUMBER
UNIT 67

MAX LOAD
100000 kg

NUMBER OF AXLES
4

DESIGN REGISTRATION NO.
SD-20101584-1

PLANT REGISTRATION NO.
NOT AVAILABLE AT THE
TIME OF INSPECTION

ROAD REGISTRATION
1HQ4AL

Assessed By

Name John Carroll

Phone 0418 508 870

Company Jatco Engineering VIC Pty Ltd

Reg No. VIC1017

Email info@jatco.com.au

Address PO Box 260 BALLARAT VIC 3353

Assessment

Country Where Assessed	Australia	State	VIC
Operators Manual in English	OK	Log Book	OK
Maintenance Records	OK	Crane Safety Manual	No
Major Inspection Report Sighted	No		

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. This report is confirmation that the crane has undergone a visual inspection on the date(s) stated and meets the standards of the CraneSafe assessment program at the time of inspection. The CraneSafe annual inspection is in addition to and does not replace pre-operation and routine inspections, maintenance and repairs necessary to comply with work, health and safety laws and requirements. In no event shall either CraneSafe or CraneSafe Endorsed Assessors be liable for any direct, indirect, punitive, incidental, special or consequential damages, including but not limited to loss of income, revenue, opportunity, goodwill, profit, anticipated saving or value of equipment arising out of or in any way connected with the use of the services, whether based on contract, tort, strict liability or otherwise, even if advised of the possibility of any such damages. This report is provided solely for the benefit of the Company named on its face. No other person is entitled to rely on anything contained in this Report and must make and rely solely on their own inspection and assessment in all respects and for all purposes.

Accredited for compliance with ISO/IEC 17020

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Actions Required

Based solely on the age of the crane, please review the need for a major inspection, considering the utilisation and manufacturer's recommendations for a major inspection

Boom and Attachments

Base Section	OK	Luffing Jib(s)	N/A
No. 1 Section	OK	Masts	N/A
No. 2 Section	OK	Suspension Ropes	N/A
No. 3 Section	OK	Suspension Straps / Tubes	N/A
No. 4 Section	OK	Load Cell	OK
No. 5 Section	OK	Recoil Drums	OK
Additional Sections	N/A	Superlift	N/A
Head Sheaves and bearings	OK	Superlift Winch	N/A
Idler Sheave and Bearing	OK	Superlift Winch Brakes	N/A
Rooster Sheave and Bearing	N/A	Boom / Attachments / Electrics	OK
Extension / Fly Jib Mounts	OK	Proximity Switches	OK
Shimming and Alignment	OK	Boom Pinning System	OK
Boom Lift Cylinders	OK	Extension / Fly Jib	N/A
Lock Valve(s)	OK	Sheaves and Bearings	OK
Extension Cylinders	OK	Anemometer	OK
Lock Valve(s)	OK	Boom Hazard Striping	OK
Extend Ropes / Chains	N/A	Main Hoist Rope Socket and Pins	OK
Retract Ropes / Chains	N/A	Correct Assembly and Connection of Hoist Rope	OK
Boom Length Recoil Drum(s)	OK	Socket	
Mechanical Boom Angle Indicator	N/A	Auxiliary Hoist Rope Socket and Pins	N/A
Fixed Jib	N/A	Correct Assembly and Connection of Auxiliary Hoist Rope Socket	N/A

ANTI-TWO BLOCKS

Boom Head	OK
Rooster Sheave	N/A
Extension / Fly	N/A

HOOK BLOCKS - WITH CRANE			
Description	Block	Hook Shank Retainer	OK
	only	Manufacturer's Identification	OK
		56488912	
Branded WLL (kg)	OK	Branded with Tare Weight (kg)	OK
20000kg		300kg	
Sheaves and Bearings	OK	Swivel	OK
1		Hook	OK
Safety Latches	OK		

HOOK BLOCKS - WITH CRANE No. 2			
Description	Ball	Hook Shank Retainer	OK
	only	Manufacturer's Identification	OK
		1648821	
Branded WLL (kg)	OK	Branded with Tare Weight (kg)	OK
8000kg		170kg	
Sheaves and Bearings	N/A	Swivel	OK
Hook	OK	Safety Latches	OK

HOOK BLOCKS - WITH CRANE No. 3			
Description	80t hook	Hook Shank Retainer	OK
Manufacturer's Identification	OK	Branded WLL (kg)	OK
		80000kg	
Branded with Tare Weight (kg)	OK	Sheaves and Bearings	N/A
1070kg		5	
Swivel	OK	Hook	OK
Safety Latches	OK		

Revolving Frame and Cabin

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

Slew System

Slew Transmission & Oil Level	OK	Base Weld	OK
No Leaks Present	OK	Smooth Operation	OK
Swing Brake	OK	Rotary Coupling	OK
Lock Valve(s)	OK	Slew Bolts	OK
House Lock	OK	Bearing Play Considered Acceptable	OK
Slew Pinion	OK	Backlash Considered Acceptable	OK
Slew Gear	OK	Electrical Swivel	OK
Slewing Ring	OK		

Main Winch

Winch Condition & Oil Level	OK	Brake Operation	OK
No Leaks Present	OK	Drum Turn Indicator	OK
Rope Spooling	OK	Main Wire Rope	OK
Winch Attachment, Pins / Bolts	OK	Correct Assembly and Connection of Hoist Rope	OK
		Anchor	

Auxiliary Winch

N/A

Comments

Not fitted at the time of inspection

Hydraulic System

No Hydraulic Leaks Present	OK	Main Winch Motor	OK
Hydraulic Reservoir & Oil Level	OK	Auxiliary Winch Motor	N/A
Return Filters and Housing	OK	Main Winch Valve	OK
Suction Lines and Hoses	OK	Auxiliary Winch Valve	OK
Oil Cooler(s)	OK	Boom Lift Valve	OK
Main Pump(s)	OK	Boom Extension Valve	OK
Slew Pump	OK	Pressure Lines and Hoses	OK
Steering Pump	OK	Power Steering Cylinders	OK
Pilot Pump	OK	Vertical Outrigger Cylinders	OK
Relief Valves	OK	Horizontal Outrigger Cylinders	OK
Pressure Filter and Housing	OK	Outrigger Control Valves	OK
Slew Motor(s)	OK	Outrigger Lock Valves	OK
Slew Valve	OK	Counterweight Lift Cylinder	OK

Air Systems

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

Chassis Inspection

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

Electrical Systems

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

Drive Systems

Radiator & Coolant Level	OK	Fuel Tank & Diesel Level	OK
Radiator Hoses	OK	Power Shift / Range Shift	OK
Fan	OK	Drive Coupling	OK
Fan Guard	OK	Abnormal Transmission Noise	OK
Oil Cooler(s)	OK	No Leaks Present	OK
Fuel Lines	OK	Pump Drives	OK
Throttle	OK	Pump Disconnects (PTO)	OK
Engine Mounts	OK	Output Coupling	OK
Power Transmission Belts	OK	Engine Braking	OK
Muffler / Spark Arrestor	OK	Transmission Retarder	OK
Engine Oil Pressure & Oil Level	OK	Telma Brake	N/A
No Abnormal Engine Noises Present	OK	ABS Brakes	OK

Superstructure Drive System

Radiator & Coolant Level	OK	Muffler / Spark Arrestor	OK
Radiator Hoses	OK	Engine Oil Pressure & Oil Level	OK
Fan	OK	No Abnormal Engine Noises Present	OK
Fan Guard	OK	Fuel Tank & Diesel Level	OK
Oil Cooler(s)	OK	Drive Coupling	OK
Fuel Lines	OK	No Leaks Present	OK
Throttle	OK	Pump Drives	OK
Engine Mounts	OK	Pump Disconnects (PTO)	OK
Power Transmission Belts	OK	Output Coupling	OK

Carrier Cabin

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

Functional Tests - Main Winch

Rated Capacity Indicator (RCI)			
Load Chart Reference Number	LC56		
Printed Chart - No Load	OK		
		Printed Chart	RCI
		Boom Angle, deg	N/A°
		Boom Length, m	59.40m
		Radius, m	20.00m
		Load, kg	3400kg
RCI Load Charts		75%	
Rated Capacity Limiter (RCL)			
Load Chart Reference Number	LC56		
Rated Load - Boom Fully Extended	OK	RCI	Measured
		Radius, m	19.50m
		Load, kg	3055kg
Rated Load in Stability		OK	
		RCI	Measured
		Radius, m	19.50m
		Load, kg	3055kg
Line Pull Test		OK	
		RCI	Measured
		Load, kg	20400kg
Winch Brake Test		OK	
		RCI	Measured
		Load, kg	20400kg
RCL Warning Lights and Alarms	OK	Rated Capacity Limiter Fitted	OK

Functional Tests - Auxiliary Winch

N/A

Crack Inspection

No Cracks Detected

OK

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

Manufacturer Additional

N/A

Site Requirements

N/A

Serial Number



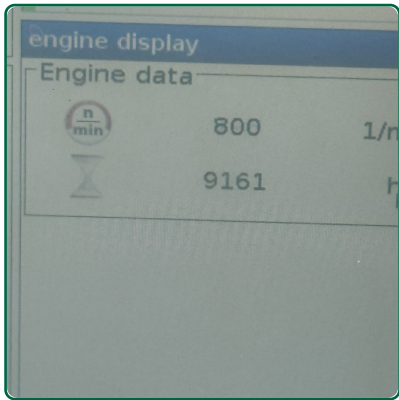
Model



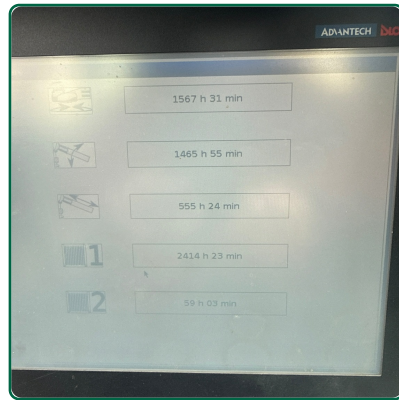
Carrier Hours



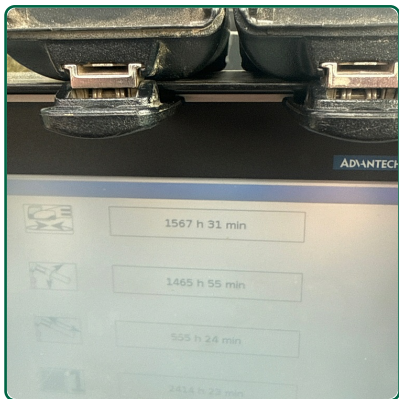
Kilometers



Superstructure Hours



Tele Hours



Slew Hours

U67 pre start log book 03.06.26.pdf

Log Book

U67 upper service report 21.05.2026.pdf

Maintenance Records

U67 Carrier service report 21.05.2026.pdf

Maintenance Records

Boom and Attachments



Main Hoist Rope Socket and Pins



Correct Assembly and Connection of Hoist Rope Socket



Boom Lift Cylinders



Extension / Fly Jib Mounts



Boom Length Recoil Drum(s)



Load Cell
Pressure transducers



Anemometer



Sheaves and Bearings



**Correct Assembly and
Connection of Hoist Rope
Socket**

Hook & Hook Blocks



Description



Manufacturer's Identification



Manufacturer's Identification



Description



Hook Shank Retainer



Description



Hook Shank Retainer



Manufacturer's Identification



Hook Shank Retainer



Description



Manufacturer's Identification

Working satisfactory at the time of inspection

Outrigger Controls



Lift Cylinder Pins



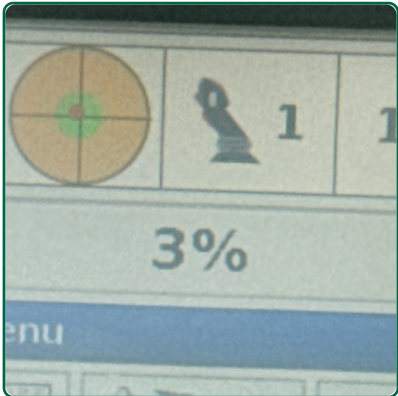
Lift Cylinder Pins



Decals / Signs - In English



Gauges



Crane Level Indicator



Switches and Relays



Switches and Relays



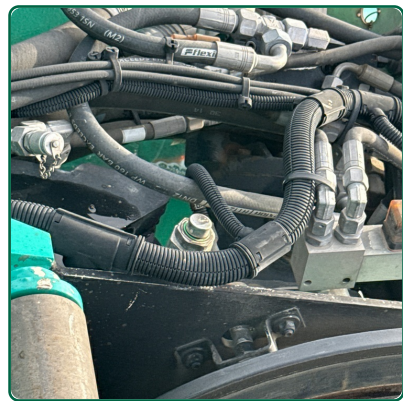
Lock Valve(s)



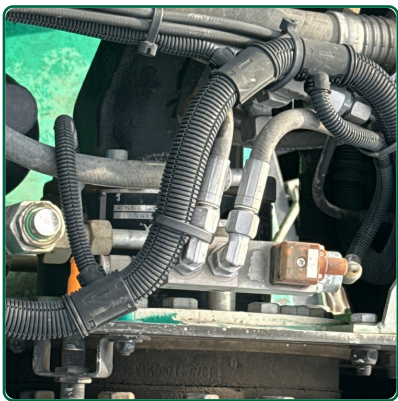
Electrical Swivel

Working satisfactory at the time of inspection

Lock Valve(s)



Brake Operation



Brake Operation



Correct Assembly and
Connection of Hoist Rope
Anchor

Hydraulic System



Boom Lift Valve

Air Systems



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Outrigger Beams



Outrigger Beams



Outrigger Beams



Outrigger Hazard Striping



Condition of Tyres



Clearance Lights



Clearance Lights

Drive Systems



Transmission Retarder
*Working satisfactory at the time
of inspection*

Checked at pre start

Radiator & Coolant Level

Superstructure Drive System

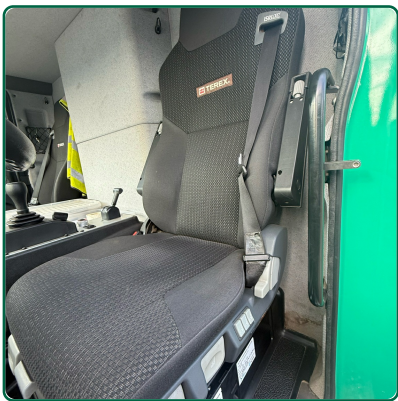


Fan



Exhaust / Telma Brakes

Working satisfactory at the time of inspection



Seat and Assembly including
Seat Belts



Decals / Signs - In English



Decals / Signs - In English

Functional Tests - Main Winch



Line Pull Test



Load



Load



Line Pull Test



RCL Warning Lights and Alarms



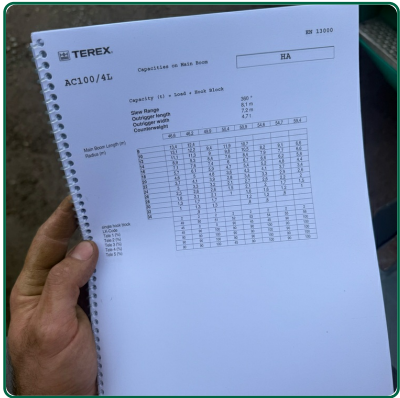
Rated Load - Boom Fully Extended



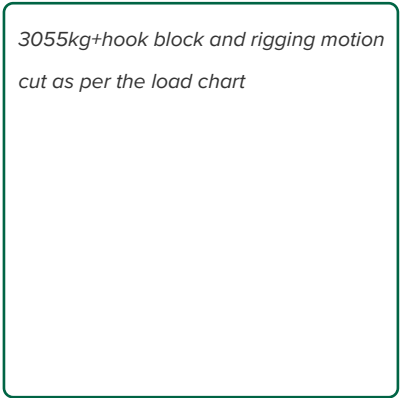
Load



Load



Load Chart Reference Number



Rated Capacity Limiter Fitted

Crack Inspection

U67 Crack test report 03.06.2026.pdf

No Cracks Detected

Wire Rope Certificate



Rope Termination (End 1)



Rope Termination (End 2)

TEST INSPECTION REPORT



Client:	Metcalf Crane Services	Report No:	26-J229
Address:	78-82 Freight Drive Somerton Victoria 3062	Inspection Date:	03/06/2025
		Test Site:	46 Healy Road Dandenong

Equipment Details			
Manufacturer:	Terex	Model:	AC100-4L
Vehicle Registration:	1HQ 4AL	Serial No:	10410
Manufacture Date:	30/06/2016	Unit No:	67

1. FINDINGS SUMMARY

NDT crack testing was performed on the equipment listed above using eddy current and magnetic particle testing in accordance with The Crane Industry Council of Australia's Guide to Major Inspections – July 2011.

No cracks or reportable discontinuities were detected.

Authorised by:

Luke Machell
AINDT/ISO 9712
UT, ET, RT, MT, PT Level 2



04 June 2026

2. LOCATIONS INSPECTED

An eddy current testing inspection was performed in accordance with AS ISO 17643–2020 to detect surface breaking cracks on 100% of accessible welds on the following locations;

- Outrigger & outrigger box welds
- Turret welds
- Slew ring weld
- Boom collar, tip, stiffener, sheave mount, cylinder mount & attachment welds
- Pinning hole reinforcing welds
- Fly stowage bracket welds
- Lifting/tiedown lug welds
- Winch mount welds
- Counterweight mount welds
- Boom rest welds
- Fly jib welds – connections & 10% of lacings

A magnetic particle inspection was performed in accordance with AS1171–1998 (R2022) to detect surface breaking cracks on the following locations;

- Main hook & sheave block
- Secondary hook & sheave block
- Auxiliary hook

3. RESULTS

No cracks or other reportable discontinuities were detected.

The item complies with the acceptance specification.

4. TEST RESTRICTIONS

No testing on slew bolts due to cap head bolts.

Limited access to some welds due to component geometry.

5. INSPECTION DETAILS

Eddy Current Test Setting				
Test Standard:	ISO 17643-2020	Equipment:	GE Phasec 3, S/N: 801MWX2	
Acceptance Spec:	Nil cracks	Calibration:	24/01/2025	
Procedure No:	ET-01	Probe Serial #:	441230375WS	NEC-2236
Material:	Carbon steel	Probe Type:	Diff	Abs
Material Thickness:	Not Specified	Frequency:	100 kHz	100 kHz
Surface Prep:	Cleaned	Gain:	51 dB	22 dB
Coating Type, Thick:	Non-conductive, <0.5mm	Phase Angle:	140°	5°
Welding Process:	Not Specified	Cal Block:	EDM block S/N: H03264	
Heat Treatment:	Not Specified	Sensitivity:	1.0mm EDM @80% FSH	
Type of Joint:	Fillet Welds		0.5mm EDM @40% FSH	
Test Personnel:	Will Spicer	Shim Thickness:	0.5mm	

Magnetic Particle Test Settings			
Test Standard:	AS 1171 – 1992 (R2022)	Material:	Carbon Steel
Acceptance Spec:	AS1554.1: 2014 T 6.2.2 cat SP	Surface Condition:	As welded
Procedure No:	MT-01	Coating thickness:	Not applicable
Test Method:	Magnetic flow, 240V AC	Demagnetised:	Yes
Test Personnel:	Will Spicer		

6. PHOTOGRAPHS



Photo 1: Serial plate



Photo 1: Registration plate



Photo 3: Unit number



Photo 4: Outrigger



Photo 5: Boom



Photo 6: Turret



Photo 7: Boom collars



Photo 8: Boom collar



Photo 9: Boom tip



Photo 10: Luffing cylinder mount



Photo 11: Winch



Photo 12: Heavy runner



Photo 13: Fly sections



Photo 14: Fly section



Photo 15: Main hook



Photo 16: Secondary hook

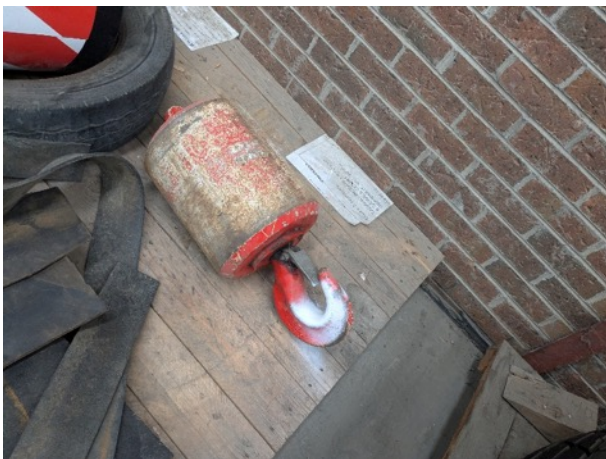


Photo 17: Auxiliary hook

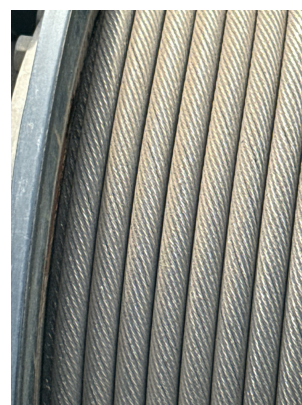
CraneSafe®

Wire Rope Certificate

Certificate No:
ATC R.1 214745-16.1

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano Demag AC100/4L
Length of Rope: 265.00m
Rope Construction: 18mm non rotating CASAR Eurolift
Surface Finish: Uncoated
Direction of Rope Lay: Lang Left Hand Lay
Decision: Pass

Crane Serial No.: 10410
Year of Manufacture: 2016
Wire Rope Application: Main Hoist
Rope Termination (End 1): Wedge Type Socket
Rope Termination (End 2): Wedge Type Socket
Rope Diameter: 18.00mm



Position Inspected (approx. metres)		10	45	80	115	150	185	255
Number of Visible Wire Breaks (over a length of 6x the rope's dia) AS2759-2004 Clause 14.4		0	0	0	0	0	0	0
Degree of Damage and Deformation of Rope AS2759-2004 Clause 14.13		0	0	0	0	0	0	0
Abrasion of Outer Wires AS2759-2004 Clause 14.9	Degree of Deterioration	0	0	0	0	0	0	0
Corrosion AS2759-2004 Clause 14.8	Degree of Deterioration	0	0	0	0	0	0	0
Reduction of Rope Diameter AS2759-2004 Clause 14.9	Measurement (mm)	18.50	18.60	18.50	18.40	18.50	18.50	18.51
	Measurement 90° (mm)	18.50	18.50	18.50	18.50	18.50	18.50	18.50
Additional Comments								

Degree of Deterioration:

1 = slight, 2 = medium, 3 = high, 4 = very high, 5 = discard

At time of inspection, the rope measurements and construction was in accordance with the requirements of AS2759 - 2004 Section 13 and the operators manual supplied with the crane.

Date Inspected: 25 May 2026
Date Issued: 05/06/2026

John Carroll
Assessor No: VIC1017

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Hook Block Certificate

Certificate No:
ATC HB.1 214745-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano Demag AC100/4L

Crane Serial No.: 10410
Year of Manufacture: 2016

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	56488912
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	20000kg
	MASS	300kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	1
	ROPE DIAMETER	18mm
	KIND OF MATERIAL	Metal
	GROOVE WEAR	☒
	ROTATING / BEARING	☒
	BRUISING	☒
	CRACKS	☒
	CHIPS	☒
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	☒
	CRACKS	☒
	DEFORMATION	☒
	SAFETY LATCH	☒
	SWIVEL	☒
	BEARING	☒
	HOOK BRUISING	☒
	Y - Y MEASUREMENT	145mm
AS1418.5-2013 Clause 4.2.13		



At time of Inspection, the hook block was in accordance with the requirements of AS1418 Part 5 2013 and the load charts supplied with the crane.

Date Inspected: 25 May 2026
Date Issued: 05/06/2026

John Carroll
Assessor No: VIC1017

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Hook Block Certificate

Certificate No:
ATC HB.2 214745-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano Demag AC100/4L

Crane Serial No.: 10410
Year of Manufacture: 2016

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	1648821
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	8000kg
	MASS	170kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	N/A
	ROPE DIAMETER	N/Amm
	KIND OF MATERIAL	N/A
	GROOVE WEAR	N/A
	ROTATING / BEARING	N/A
	BRUISING	N/A
	CRACKS	N/A
	CHIPS	N/A
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	☒
	CRACKS	☒
	DEFORMATION	☒
	SAFETY LATCH	☒
	SWIVEL	☒
	BEARING	☒
	HOOK BRUISING	☒
	Y - Y MEASUREMENT	100mm
AS1418.5-2013 Clause 4.2.13		



At time of Inspection, the hook block was in accordance with the requirements of AS1418 Part 5 2013 and the load charts supplied with the crane.

Date Inspected: 25 May 2026
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John Carroll
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Hook Block Certificate

Certificate No:
ATC HB.3 214745-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano Demag AC100/4L

Crane Serial No.: 10410
Year of Manufacture: 2016

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	56489712
	FORM OF HOOK	Ramshorn
	NOMINAL LIFTING LOAD	80000kg
	MASS	1070kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	N/A
	ROPE DIAMETER	N/Amm
	KIND OF MATERIAL	N/A
	GROOVE WEAR	N/A
	ROTATING / BEARING	N/A
	BRUISING	N/A
	CRACKS	N/A
	CHIPS	N/A
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	☒
	CRACKS	☒
	DEFORMATION	☒
	SAFETY LATCH	☒
	SWIVEL	☒
	BEARING	☒
	HOOK BRUISING	☒
	Y - Y MEASUREMENT	185mm
AS1418.5-2013 Clause 4.2.13		



At time of Inspection, the hook block was in accordance with the requirements of AS1418 Part 5 2013 and the load charts supplied with the crane.

Date Inspected: 25 May 2026
Date Issued: 05/06/2026

John Carroll
Assessor No: VIC1017

CraneSafe®



Accredited for compliance with ISO/IEC 17020

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ALL TERRAIN CRANE CERTIFICATE OF ANNUAL INSPECTION AND TESTING

Certificate Number: VIC214745 Green Sticker by CraneSafe Assessment Number: ATC A 214745-16



CraneSafe®

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

PO Box 136
MOUNT WAVERLEY VIC 3149
Phone: +61 (03) 9501 0078
Email: assessments@cranesafe.com.au

Inspection Date: 25 May 2026

Renewal Date: 03 Jun 2027

Issued Date: 05 Jun 2026

COMPANY

Metcalf Crane Services Pty Ltd

ABN 43 076 537 749

PO Box 54 SOMERTON VIC 3062

REPRESENTATIVE

Mr. Tim Metcalf Phone: 03 9308 0044

Email: workshop@metcalfcranes.com.au



Tadano Demag AC100/4L

ASSESSED BY

John Carroll

Reg No: VIC1017

Phone: 0418 508 870

Email: info@jatco.com.au

COMPANY

Jatco Engineering VIC Pty Ltd

PO Box 260 BALLARAT

VIC 3353

CARRIER HOURS

4023

SUPERSTRUCTURE HOURS

9161

SERIAL NUMBER

10410

PLANT NUMBER

UNIT 67

YEAR OF MANUFACTURE

2016

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.

John Carroll

Inspection

Inspection in Accordance With

☐ AS2550.1 & AS2550.5 ☐ EN (FEM&ISO) ☐ JIS ☒ Codes of Practice ☐ Manufacturer's Instructions.

Comments

Inspection to



ALL TERRAIN CRANE LOAD INDICATOR CERTIFICATION

Certificate Number: VIC214745 Green Sticker by CraneSafe Assessment Number: ATC A 214745-16



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Tadano Demag AC100/4L

CARRIER HOURS
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UNIT 67

YEAR OF MANUFACTURE
2016

COMPANY

Metcalfe Crane Services Pty Ltd

ABN 43 076 537 749

PO Box 54 SOMERTON VIC 3062

REPRESENTATIVE

Mr. Tim Metcalfe Phone: 03 9308 0044

Email: workshop@metcalfecranes.com.au

ASSESSED BY

John Carroll

Reg No: VIC1017

Phone: 0418 508 870

Email: info@jatco.com.au

COMPANY

Jatco Engineering VIC Pty Ltd

PO Box 260 BALLARAT

VIC 3353

RATED CAPACITY INDICATOR (RCI)

Load Chart Reference Number LC56

PRINTED CHART - NO LOAD

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	N/A	N/A
Boom Length, m	59.40	59.40
Radius, m	20.00	20.00
Load, kg	3,400.00	3,400.00

RATED CAPACITY LIMITER (RCL)

Load Chart Reference Number LC56

RATED LOAD - BOOM FULLY EXTENDED

	Rated Capacity Indicator	Measured
Radius, m	19.50	19.50
Load, kg	3,700.00	3,055.00

RATED LOAD IN STABILITY

	Rated Capacity Indicator	Measured
Radius, m	19.50	19.50
Load, kg	3,700.00	3,055.00

LINE PULL TEST

	Rated Capacity Indicator	Measured
Load, kg	20,400.00	204,340.00

WINCH BRAKE TEST

	Rated Capacity Indicator	Measured
Load, kg	20,400.00	20,434.00

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

John Carroll

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Line Pull Test



Load



Load



Line Pull Test



RCL Warning Lights and Alarms



Rated Load - Boom Fully Extended



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