



ARTICULATED MOBILE CRANE

Annual Report

AC A 206471-16



CraneSafe®

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

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MOUNT WAVERLEY VIC 3149
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Initial Inspection Date: 20/09/2025

Conforms to Checklist: Yes

Issued Date: 25/09/2025

Next Inspection Date: 24/09/2026

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



Franna MAC 25

LOWER HOURS

8956

KILOMETERS

96595

SERIAL NUMBER

251193

PLANT NUMBER

UNIT 93

DESIGN REGISTRATION NO.

Q16799. SD01148-1

PLANT REGISTRATION NO.

**NOT AVAILABLE AT THE
TIME OF INSPECTION**

ROAD REGISTRATION

XV17AD

YOM

2018

MAX LOAD

25000 KG

NUMBER OF AXLES

2

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.

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Boom and Attachments

Base Section	OK	Lock Valve(s)	OK
No. 1 Section	OK	Extension Cylinders	OK
No. 2 Section	OK	Lock Valve(s)	OK
No. 3 Section	OK	Extend Ropes / Chains	OK
No. 4 Section	N/A	Retract Ropes / Chains	OK
Length Markings	OK	Boom Length Recoil Drum(s)	OK
Rope Compensation System	OK	Boom Angle Indicator	OK
Hook Lift Lugs and Tonnage Decals	OK	Extension / Fly Jib	N/A
Head Sheaves and bearings	OK	Extension Sheaves and Bearings	OK
Idler Sheave and Bearing	OK	Boom Hazard Striping	OK
Rooster Sheave and Bearing	N/A	Rotating Beacon(s)	OK
Extension / Fly Jib Mounts	N/A	Main Hoist Rope Socket and Pins	OK
Machinery Hook	OK	Correct Assembly and Connection of	OK
Boom Lift Cylinders	OK	Hoist Rope Socket	

ANTI-TWO BLOCKS

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

Hook & Hook Blocks

HOOK BLOCKS - WITH CRANE			
Description	Block only	Manufacturer's Identification	OK
		PLMXA3033	
Branded WLL (kg)	OK	Safety Latches	
25000kg		Sheaves and Bearings	OK
		3	
Swivel	OK	Branded with Tare Weight (kg)	OK
		230kg	
HOOK BLOCKS - WITH CRANE No. 2			
Description	Rino	Manufacturer's Identification	OK
		PLMXF30156	
Branded WLL (kg)	OK	Safety Latches	OK
15000kg		Sheaves and Bearings	
Swivel	N/A	Hook Shank Retainer	OK
Branded with Tare Weight (kg)	OK		
25kg			
HOOK BLOCKS - WITH CRANE No. 3			
Description	Hook only	Manufacturer's Identification	OK
		2022.1856	
Branded WLL (kg)	OK	Safety Latches	OK
16000kg		Sheaves and Bearings	
Swivel	OK	Hook Shank Retainer	OK
Branded with Tare Weight (kg)	OK		
15kg			
HOOK BLOCKS - WITH CRANE No. 4			
Description	Big Hook	Manufacturer's Identification	OK
		BBT25050	
Branded WLL (kg)	OK	Safety Latches	OK
25000kg		Swivel	OK
Hook Shank Retainer	OK	Branded with Tare Weight (kg)	OK
		26kg	

Frame and Cabin

Frame	OK	Side Slope Deration Chart	OK
Counterweight Attachment - Security	OK	Control Levers - Clearly Marked	OK
Counterweight Hazard Striping	OK	Control Cables / Pilot Hoses	OK
80km/h Maximum Speed Sign (mounted on rear of crane)	OK	Heater	OK
Boom Mounting Lugs	OK	Air Conditioner	OK
Boom Mounting Pins	OK	Gauges	OK
Lift Cylinder Lugs	OK	Anti-Two block Alarms	OK
Lift Cylinder Pins	OK	Horn	OK
Cab Glass and Mirrors	OK	Access Steps	OK
Sheet Metal / Guards	OK	Doors and Locks	OK
Seat and Assembly including Seat Belts	OK	Crane Level Indicator	OK
Decals / Signs - In English	OK	Front Wiper	OK
80km/h Maximum Speed Sticker (mounted in cab of crane)	OK	Roof Wiper	N/A
Load Charts in English as per AS1418	OK	Windscreen Wiper / Washer	OK

Drive Systems

Radiator & Coolant level	OK	Engine Mounts	OK
Water Temperature Gauge	OK	Power Transmission Belts	OK
Radiator Hoses / Heater Hoses	OK	Exhaust Brake	OK
Fan / Fan Shaft Assembly	OK	Muffler / Spark Arrestor	OK
Fan Guard	OK	Abnormal Engine Noises	OK
Oil Filter & Oil Level	OK	Fuel Tank & Diesel Level	OK
Water Pump and Conditioner	OK	Drive Coupling	OK
Oil Cooler(s)	OK	No Transmission Noise / Leaks Present	OK
Fuel Lines	OK	Filter and Housing	OK
Throttle	OK	Pump Drives (PTO)	OK

Chassis Inspection

Frames	OK	Rear Brake(s)	OK
Suspension System	OK	Holding / Parking Brake	OK
Axle Lock Outs (if fitted)	OK	Emergency Brake Release	OK
Steering Components - Lugs / Pins etc	OK	Front Wheels and Tyres	OK
Front Axle(s)	OK	Rear Wheels and Tyres	OK
Rear Axle(s)	OK	Spare Wheel	OK
Differentials / Planetary Drives	OK	Engine Cowl	OK
Transfer Case	OK	Articulation Joint	OK
Drive Lines	OK	Tackle Boxes	OK
ABS Brakes	N/A	Fire Extinguisher	OK
Front Brake(s)	OK		

Hydraulic System

No Hydraulic Leaks Present	OK	Steering Pump	OK
Hydraulic Reservoir & Oil Level	OK	Emergency Steering Pump	OK
Return Filters and Housing	OK	Steering Cylinder	OK
Hydraulic Lines \ Hoses and Fittings	OK	Relief Valves	OK
Oil Cooler(s)	OK	Flow Control Valves	OK
Main Pump(s)	OK	Pressure Filter and Housing	OK

Air Systems

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

Electrical Systems

Battery Box	OK	Hazard Lights	OK
Battery Cables	OK	Work Lights	OK
Battery Isolator	OK	Clearance Lights	OK
Head Lights	OK	Rotating Beacon(s)	OK
Tail Lights	OK	Switches and Relays	OK
Stop Lights	OK	Back-up Alarm	OK
Directional Indicators	OK	Horn for Road Travel	OK

Main Winch

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

Rated Capacity Indicator (RCI)			
Load Chart Reference Number	101		
Printed Chart - No Load	OK		
		Printed Chart	RCI
		Boom Angle, deg	N/A°
		Boom Length, m	18.42m
		Radius, m	10.00m
		Load, kg	3000kg
Rated Capacity Limiter (RCL)			
Load Chart Reference Number	101		
Rated Load - Boom Fully Extended	OK	RCI	Measured
		Radius, m	11.50m
		Load, kg	2700kg
Rated Load in Stability		RCI	Measured
		Radius, m	11.50m
		Load, kg	2700kg
Line Pull Test		RCI	Measured
		Load, kg	19300kg
Winch Brake Test		RCI	Measured
		Load, kg	2700kg
Overload Warning Lights and Alarms	OK	Rated Capacity Limiter Fitted (Overload Limiter)	

Crack Inspection

No Cracks DetectedOK

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

Manufacturer Additional

N/A

Site Requirements

N/A

Crane



Model



Serial Number



Lower Engine Hours



Kilometers

Assessment



Maintenance Records

Boom and Attachments



Base Section



Hook Lift Lugs and Tonnage
Decals



Head Sheaves and bearings



Idler Sheave and Bearing



Boom Lift Cylinders



Boom Angle Indicator



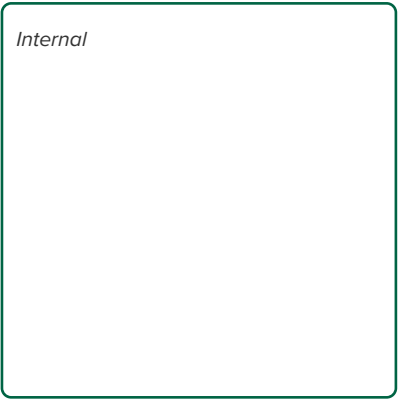
Rotating Beacon(s)



Correct Assembly and
Connection of Hoist Rope
Socket



Boom Head



Internal

Retract Ropes / Chains

Hook & Hook Blocks



Description



Manufacturer's Identification



Description



Manufacturer's Identification



Hook Shank Retainer



Description



Manufacturer's Identification



Hook Shank Retainer



Description



Manufacturer's Identification



Hook Shank Retainer



Lift Cylinder Lugs

Dynamic LMI

Side Slope Deration Chart

Checked and working satisfactory at the time of inspection

Anti-Two block Alarms

Dynamic LMI

Crane Level Indicator



Muffler / Spark Arrestor



Steering Components - Lugs / Pins etc



Steering Components - Lugs / Pins etc



Articulation Joint



Fire Extinguisher



Front Axle(s)
All tyres similar pressure

Hydraulic System

Working satisfactory at the time of inspection

Steering Pump

Air Systems



Brake Valves



Brake Valves



Gauges



Rotating Beacon(s)

Main Winch



Wire Rope



Winch Attachment, Pins / Bolts



Correct Assembly and
Connection of Hoist Rope
Anchor

Functional Tests - Main Winch



Load Chart Reference Number



Line Pull Test



Rated Load - Boom Fully Extended



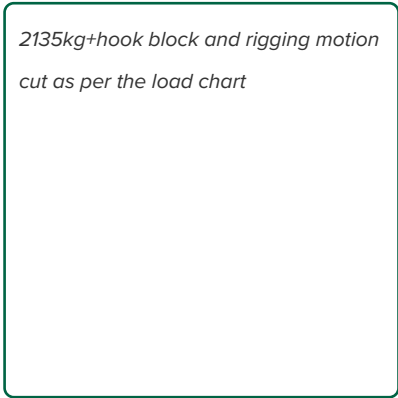
Load



Load



Overload Warning Lights and Alarms



Rated Capacity Limiter Fitted (Overload Limiter)



Load



Load

Crack Inspection

25-J269-1.pdf

No Cracks Detected

Wire Rope Certificate



Rope Termination (End 1)



Rope Termination (End 2)

METCALF CRANE SERVICES PTY LTD
FRANNA - INSPECTION & SERVICE REPORT

JOB NUMBER:	93-32	UNIT NUMBER:	U93	DATE:	07.08.2025
CRANE MODEL:	MAC25SL	SERIAL NUMBER:	251193	KM'S:	94,991 KMS
HOURS:	8,741 hrs				

***NOTE: MAKE SURE THAT HOURS AND KILOMETRES ARE RECORDED – MAKE SURE A SERVICE STICKER IS FITTED**

250 / 750 HOUR SERVICE SCHEDULE	CHECKED	COMMENTS
CABIN		
Check EMERGENCY Steer Pump Operation	☒	
Check 2/4WD & HI/LO Operation	☒	
Check 2/4WD & HI/LO Audible Warning	☒	
Check Diff Lock Operation	☒	
Check Holding Brake Operation	☒	
Check Emergency Stop Button Operation	☒	
Check Emergency Brake Release	☒	
Check Park Brake Operation	☒	
Check Foot Valve Operation	☒	
Check AM/FM Radio Operation	☒	
Check Rotating Light Operation	☒	
Check Heater Operation	☒	
Check Wiper Operation	☒	
Refill Windscreen Washer Water & Test Operation	☒	

Check Indicators & Audible Warning	☒	
250 / 750 HOUR SERVICE SCHEDULE	CHECKED	COMMENTS
Check Horn(s)	☒	
Check Interior Light Operation	☒	
Check Air Conditioning	☒	
Check Hyd. Sys. Base Pressure - use Dash Gauge	☒	
Check Hyd. Sys. Max Pressure - use Dash Gauge	☒	
Check Steer Pressure at Full Lock (dash gauge)	☒	
Check SLEW Angle indicator Operation	☒	
Check ALL 'Crane Control Levers' for Operation	☒	
Check ALL Hydraulics for Correct Operations	☒	
Check ALL Work Lights	☒	
Check Head Lights HI/LO	☒	
Check Clearance Lights	☒	
Check Stop Lights	☒	
Check Reverse Light(s) & Alarm	☒	
Check ALL Instruments for Operation/Illumination	☒	
Check Reverse Camera Operation	☒	
Check Low Air Warning Lights for Buzzers	☒	
Check Cabin for Water Leaks	☒	
Check Seat Mounting & Operation	☒	
Check Seat Belt Condition	☒	
Check Door Locks & Catches for Operation	☒	
ENGINE BAY & TRANSMISSION		
Clean or Change Primary (Outer) Air Filter Element	☒	
Visual Inspect Radiator Screen & Cooler Cores for Blockage	☒	
Visual Inspect Air Intake pipes & hoses	☒	

Tighten Intake Hose Clamps	☒	
250 / 750 HOUR SERVICE SCHEDULE	CHECKED	COMMENTS
Check Coolant & Inhibitor Level / Concentration	☒	
Check ALL Coolant / Heater System Hoses	☒	
Check Fan Viscous Coupling	☒	
Check Engine Drive Belts	☒	
Check Alternator & A/C Compressor Mount/Bolts	☒	
Check Engine Oil Level	☒	
Check for Oil Leaks in Engine Area	☒	
Check Engine, Lines & Hoses for Abrasion & Position	☒	
Check Engine Piping for Leaks	☒	
Visual Inspect Engine Mount(s) Condition	☒	
Check Hydraulic Pump PTO, Mounting & bolts	☒	
Check Transmission Oil Level	☒	
Check for Fuel Leaks ALL Points	☒	
DRIVETRAIN		
Check Planetary Reduction(s) Oil Level	☒	
Check Transfer Case Oil Level	☒	
Check Transfer Case Cooler System for Flow & Leaks	☒	
Re-tension centre bearing mounting bolts	☒	
Check centre bearing and housing mounting bushes	☒	
Check ALL Drive / Jack Shaft Universal Joints	☒	
Lube ALL Universal Joints on Drive Line	☒	
Check ALL Steering Pins / Bearings for Wear	☒	
Lube All Steering Pins / Bearings	☒	
Tighten Steering Pin Nuts	☒	
Inspect steering hoses	☒	

Inspect steering cylinder rod clevis	☒	
250 / 750 HOUR SERVICE SCHEDULE	CHECKED	COMMENTS
Check Front & Rear Spring Packs Clamping Bolts	☒	
Check ALL Springs for Broken Leaves	☒	
Check Radius Rods/ Front Torsion Arms Tightness	☒	
Check Brake Shoe Thickness (via insp.holes)	☒	
Adjust ALL Service Brakes	☒	
Drain ALL Air Tanks for Water / Sediments	☒	
BOOM ASSEMBLY		
Adjust ALL Retract & Extension Ropes	☒	
Check Winch Gearbox Oil Level	☒	ok
Check Winch Brake Oil Level	☒	ok
Check Winch Unit Mountings & Bolts	☒	
Check Winch Rope Condition & Lubrication	☒	
Visual Inspection of ALL Boom Sect. Damage/Bend	☒	
Inspect ALL Compensating Sheave Bearings	☒	
Inspect ALL Sheaves on Boom Assy.	☒	
Check Pusher Bar Condition & Adjustment	☐	N/A
Lube All Boom Sections, Sheaves & Wear Pads	☒	
Check Boom Rear Pivot Pins/Bearings for Movement	☒	
Lube Rear Boom Pivot Bearings	☒	
Check Luff Cyl. Top/Bott. Pins & Bearings Movement	☒	
Lube ALL Luff Cyl. Bearings	☒	
CHASSIS & FINAL CHECKS		
Check Centre Pivot Bearings/Pins for Movement	☒	
Lube Centre Pivot Bearings ALL Points	☒	
Check Hydraulic Reservoir Oil Level	☒	

Check ALL Hydraulic Cyl's for Damage/Leaks	☒	
250 / 750 HOUR SERVICE SCHEDULE	CHECKED	COMMENTS
Check ALL Wiring for Damage & Correct Routing	☒	
Check for Air Leaks ALL Points	☒	
Check Battery Electrolyte Level	☒	
Clean & Check Battery Terminals-Holding Clamp	☒	
Check Tyre Pressures & Tyre Condition	☒	
Check Exhaust Brake Operation (where fitted)	☒	
Lift Test Weight if Available	☒	
Check LMI / SLI Calibration	☒	
500 HOUR SERVICE SCHEDULE		
Carry Out 250 Hour Service Schedule	☒	
Change Engine Oil	☒	30ltrs E900
Change Engine Oil Filter	☒	A6861800109
Change Fuel Filter	☒	A6860900151
Change Transfer Case Oil	☒	
Change Front Differential Oil	☒	
Change Rear Differential Oil	☒	
Change Planetary Reduction(s) Oil	☒	
Adjust Rear Boom Pivot Bearings	☒	
Change Winch Gearbox Oil	☒	
Change Winch Brake Oil	☒	
1000 HOUR SERVICE SCHEDULE		
Carry Out 250 / 750 Hour Service Schedule	☒	
Carry Out 500 Hour Service Schedule	☒	
Change Primary (Outer) Air Filter Element	☒	
Change Safety (Inner) Air Filter Element	☒	

1000 HOUR SERVICE SCHEDULE	CHECKED	COMMENTS
Change Fuel Pre-filter Element	☒	
Change Cylinder Head Valve Cover Gasket	☒	
Adjust Valve Clearances	☒	
Change Auto Transmission Main Filter	☒	
Change Auto Transmission Auxiliary Filter	☒	
Change Auto Transmission Oil	☒	
Sample Hydraulic Oil	☒	
Replace Hydraulic filter	☒	
2000 HOUR SERVICE SCHEDULE	☒	
Carry Out 250 / 750 Hour Service Schedule	☒	completed
Carry Out 500 Hour Service Schedule	☒	
Carry Out 1000 Hour Service Schedule	☒	
Change Engine Coolant	☒	
Check Wear Pad "Clearance" & Boom Alignment	☒	
100 HOUR SERVICE SCHEDULE	☐	
Carry Out 250 / 750 Hour Service Schedule	☐	
Carry Out 500 Hour Service Schedule	☐	
Carry Out 1000 Hour Service Schedule	☐	
Tighten ALL Hose Clamps	☐	
Check Tension of ALL Engine Mounts	☐	
Re-Tension ALL Wheel nuts	☐	
Re-Tension All Front/Rear Diff. Carrier Bolts	☐	
Re-Tension Centre Pivot Pins – Upper/Lower	☐	
Check & Adjust Rear Axle Alignment to Centre	☐	
Tighten All Drive Shaft / Jack Shaft Flange Bolts	☐	

General Comments			
INSPECTED BY:	Nick deLeur	QUALIFICATION:	Mechanic
SIGNATURE:		DATE:	07.08.2025

Certification by Responsible Person: I certify that the described plant is to the manufacturers specifications and is being serviced and maintained by competent personnel to the manufacturer's recommendations			
PRINT NAME:	Bill Duncan	POSITION:	Workshop supervisor
SIGNATURE:		DATE:	07.08.2025

METCALF
 CRANE SERVICES

TEST INSPECTION REPORT



Client:	Metcalf Crane Services	Report No:	25-J269-1
Address:	78-82 Freight Drive Somerton Victoria 3062	Inspection Date:	24/09/2025
		Test Site	78-82 Freight Drive Somerton

Equipment Details			
Manufacturer:	Terex	Model:	MAC 25
Vehicle Registration:	XV 17AD	Serial No:	MAC 25 251193
Year of Manufacture:	2018	Unit No:	93

1. FINDINGS SUMMARY

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

No cracks or other reportable discontinuities were detected.

Authorised by:

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



24 September 2025

2. LOCATIONS INSPECTED

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

- Boom collar, stiffener, tip, pinning hole, and sheave mount welds
- Luffing cylinder welds and mount welds
- Boom pivot welds
- Turret welds
- Winch mount welds
- Telescoping cylinder mount welds
- Steering cylinder welds and mount welds
- Steering articulation welds
- Lifting/tiedown/earth/towing lug welds
- Front and rear counterweight mount lugs
- Rhino hook and mount welds serial number: BBT25015
- 25t hook inner radius, serial number: BBT25050
- 16t hook inner radius, serial number: RV13112.1
- Sheave block, welds & around pinning holes, serial number: BBT25191
- Spreader bar welds, serial number: 1503124

3. RESULTS

No cracks or other reportable discontinuities were detected.

4. INSPECTION DETAILS

Eddy Current Test Settings				
Test Standard:	AS ISO 17643-2020	Equipment:	Nortec 600 #210154105	
Acceptance Spec:	Nil cracks	Calibration:	24/01/2025	
Procedure No:	ET-01	Probe Serial #:	WLD-5-63/7L	S15391
Material:	Carbon steel	Probe Type:	Orth	Abs
Material Thickness:	Not Specified	Frequency:	100 kHz	50 kHz
Surface Prep:	Cleaned	Gain:	70 dB	50 dB
Coating Type, Thick:	Non-conductive, <0.5mm	Phase Angle:	314°	95°
Welding Process:	Not Specified	Cal Block:	EDM block s/n: 34843	
Heat Treatment:	Not Specified	Sensitivity:	1.0mm EDM @80% FSH	
Type of Joint:	Fillet & Butt Welds	Sensitivity:	0.5mm EDM @50% FSH	
Test Personnel:	Jack Stewart	Shim Thickness:	0.5mm	

5. TEST RESTRICTIONS

Limited access to some welds due to component geometry.

6. PHOTOGRAPHS



Photo 1: Crane identification plate



Photo 2: Registration plate



Photo 3: Unit number



Photo 4: Lower luffing cylinder mount



Photo 5: Upper luffing cylinder mount



Photo 6: boom pivot

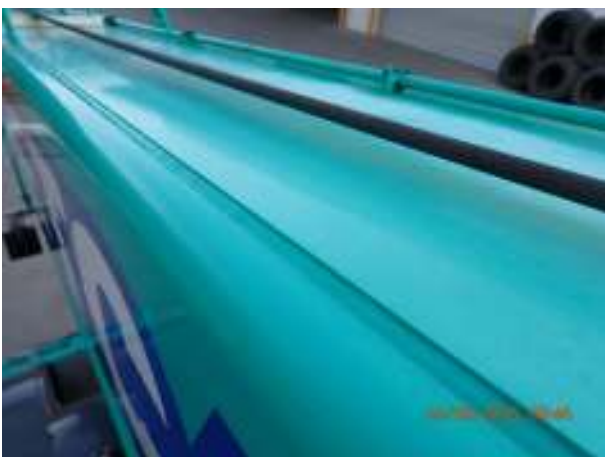


Photo 7: Boom stiffener



Photo 8: Winch mount



Photo 9: Boom telescopic cylinder mount



Photo 10: Lifting lug



Photo 11: Steering cylinder mount



Photo 12: Steering articulation



Photo 13: Boom collars



Photo 14: Boom tip and rhino hook



Photo 15: Front lug



Photo 16: Rear lug



Photo 17: Front counterweight lug



Photo 18: Rear counterweight lug



Photo 19: Sheave block



Photo 20: 16t hook



Photo 21: 25t hook



Photo 22: spreader bar



Accreditation no. 19898

CraneSafe®

Wire Rope Certificate

Certificate No:
AC R.1 206471-16.1

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Franna MAC 25

Crane Serial No.: 251193
Year of Manufacture: 2018

Length of Rope: 110.00m
Rope Construction: 35 x 7
Surface Finish: Uncoated
Direction of Rope Lay: Ordinary Right Hand Lay
Decision: Pass

Wire Rope Application: Main Hoist
Rope Termination (End 1): Wedge Type Socket
Rope Termination (End 2): Swaged End Fitting
Rope Diameter: 14.00mm



Position Inspected (approx. metres)		10	22	34	46	58	70	100
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)	14.60	14.60	14.50	14.50	14.50	14.50	14.50
	Measurement 90° (mm)	14.50	14.60	14.60	14.50	14.50	99.99	14.50
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: 20/09/25
Date Issued: 25/09/2025

John Carroll
Assessor No: VIC1017

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CraneSafe[®]

Fall Block Certificate

Certificate No:
AC HB.1 206471-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Franna MAC 25

Crane Serial No.: 251193
Year of Manufacture: 2018

Item Inspected		
AS1418.5-2013 Annex K.1		
Fall Block	MANUFACTURERS ID no.	PLMXA3033
	NOMINAL LIFTING LOAD	25000kg
	MASS	230kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	3
	ROPE DIAMETER	14mm
	KIND OF MATERIAL	Metal
	GROOVE WEAR	☒
	BRUISING	☒
	ROTATING / BEARING	☒
	CRACKS	☒
	CHIPS	☒



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: 20/09/25
Date Issued: 25/09/2025

John Carroll
Assessor No: VIC1017

CraneSafe[®]



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Hook Block Certificate

Certificate No:
AC HB.2 206471-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Franna MAC 25

Crane Serial No.: 251193
Year of Manufacture: 2018

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	PLMXF30156
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	15000kg
	MASS	25kg
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	☒
	CRACKS	☒
	DEFORMATION	☒
	SAFETY LATCH	☒
	SWIVEL	N/A
	BEARING	N/A
	HOOK BRUISING	☒
	Y - Y MEASUREMENT	N/A
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: 20/09/25
Date Issued: 25/09/2025

John Carroll
Assessor No: VIC1017

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Hook Block Certificate

Certificate No:
AC HB.3 206471-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Franna MAC 25

Crane Serial No.: 251193
Year of Manufacture: 2018

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	2022.1856
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	16000kg
	MASS	15kg
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	✓
	CRACKS	✓
	DEFORMATION	✓
	SAFETY LATCH	✓
	SWIVEL	✓
	BEARING	✓
	HOOK BRUISING	✓
	Y - Y MEASUREMENT	N/A
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: 20/09/25
Date Issued: 25/09/2025

John Carroll
Assessor No: VIC1017

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Hook Block Certificate

Certificate No:
AC HB.4 206471-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Franna MAC 25

Crane Serial No.: 251193
Year of Manufacture: 2018

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	BBT25050
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	25000kg
	MASS	26kg
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	✓
	CRACKS	✓
	DEFORMATION	✓
	SAFETY LATCH	✓
	SWIVEL	✓
	BEARING	✓
	HOOK BRUISING	✓
	Y - Y MEASUREMENT	N/A
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: 20/09/25
Date Issued: 25/09/2025

John Carroll
Assessor No: VIC1017

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ARTICULATED MOBILE CRANE

CERTIFICATE OF ANNUAL INSPECTION AND TESTING

Certificate Number: VIC206471 CraneSafe Assessment Number: AC A 206471-16



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: 20/09/2025
Renewal Date: 24/09/2026
Issued Date: 25/09/2025

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



Franna MAC 25

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

LOWER HOURS

8956

SERIAL NUMBER

251193

PLANT NUMBER

UNIT 93

YEAR OF MANUFACTURE

2018

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 crane safe check list only

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ARTICULATED MOBILE CRANE LOAD INDICATOR CERTIFICATION

Certificate Number: VIC206471 CraneSafe Assessment Number: AC A 206471-16



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PO Box 136
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Inspection Date: 20/09/2025

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Franna MAC 25

LOWER HOURS
8956

SERIAL NUMBER
251193

PLANT NUMBER
UNIT 93

YEAR OF MANUFACTURE
2018

COMPANY

Metcalf Crane Services Pty Ltd
ABN 43 076 537 749
PO Box 54 SOMERTON VIC 3062

REPRESENTATIVE

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COMPANY

Jatco Engineering VIC Pty Ltd
PO Box 260 BALLARAT
VIC 3353

RATED CAPACITY INDICATOR (RCI)

Load Chart Reference Number 101

PRINTED CHART - NO LOAD

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	N/A	N/A
Boom Length, m	18.42	18.40
Radius, m	10.00	10.00
Load, kg	3,000.00	3,000.00

RATED CAPACITY LIMITER (RCL)

Load Chart Reference Number 101

RATED LOAD - BOOM FULLY EXTENDED

	Rated Capacity Indicator	Measured
Radius, m	11.50	11.50
Load, kg	2,700.00	2,135.00

RATED LOAD IN STABILITY

	Rated Capacity Indicator	Measured
Radius, m	11.50	11.50
Load, kg	2,700.00	2,135.00

LINE PULL TEST

	Rated Capacity Indicator	Measured
Load, kg	19,300.00	17,435.00

WINCH BRAKE TEST

	Rated Capacity Indicator	Measured
Load, kg	2,700.00	2,135.00

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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Load Chart Reference Number



Line Pull Test



Rated Load - Boom Fully Extended



Load



Load



Overload Warning Lights and Alarms



Load



Load

