



Accreditation no. 19898

## ARTICULATED MOBILE CRANE *Annual Report*

<b>Company</b>	C & C Construction Services	<b>ABN</b>	82 780 055 822
<b>Address</b>	1 Sir Henry Parkes Avenue	<b>Representative</b>	Mr Peter Ritters
<b>MEDOWIE</b>			
<b>State</b>	NSW	<b>Phone</b>	0419 762 507
<b>Postcode</b>	2318	<b>Email</b>	pritters@cccs.net.au

<b>Make</b>	Franna
<b>Model</b>	MAC 25
<b>Serial Number</b>	25912
<b>Plant Number</b>	114
<b>Year of Manufacture</b>	2013
<b>Design Registration Number</b>	Q16799
<b>Plant Registration</b>	MC6-198063/16/0
<b>Road Registration</b>	756 TGR
<b>Max Load</b>	25000
<b>Number of Axles</b>	2
<b>Lower Hours</b>	4926
<b>Kilometers</b>	25122



<b>Country where assessed</b>	Australia	<b>State</b>	NSW
<b>Operators Manual in English</b>	Yes	<b>Log Book</b>	Yes
<b>Crane Safety Manual</b>	No		

<b>Assessed By</b>	Troy Kiem	<b>Company</b>	A1 Crane Inspections
<b>Reg. No.</b>	NSW1082	<b>Address</b>	P O Box 414 KURRI KURRI
<b>Phone</b>	0425 384 091	<b>State</b>	NSW
<b>Email</b>	a1craneinspections@gmail.com	<b>Postcode</b>	2327

<b>Initial Inspection Date</b>	04/09/2017	<b>Issued Date</b>	07/09/2017
<b>Re-Inspection Date</b>	06/09/2017	<b>Expiry Date</b>	06/09/2018
<b>Conforms to Checklist</b>	<b>Yes</b>		

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

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**BOOM AND ATTACHMENTS**

Base Section	OK
No. 1 Section	OK
No. 2 Section	OK
No. 3 Section	OK
No. 4 Section	N/A
Length Markings	N/A
Rope Compensation System	OK
Hook Lift Lugs and Tonnage Decals	OK
Head Sheaves and bearings	OK
Idler Sheave and Bearing	OK
Rooster Sheave and Bearing	N/A
Extension / Fly Jib Mounts	N/A
Machinery Hook	OK
Boom Lift Cylinders	OK
Lock Valve(s)	OK
Extension Cylinders	OK
Lock Valve(s)	OK
Extend Ropes / Chains	OK - Not visible.
Retract Ropes / Chains	OK - Not all visible.
Boom Length Recoil Drum(s)	OK
Boom Angle Indicator	OK
Extension / Fly Jib	N/A
Extension Sheaves and Bearings	N/A

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

***HOOK BLOCKS - WITH CRANE***

Description	1 x Block supplied.
Manufacturers Identification	OK - BBT14749
Safety Latches	N/A
Sheaves and Bearings	OK - 3
Swivel	N/A
Branded WLL	OK - 25000kgs
Branded with Weight (Tare)	OK - 230kgs

***HOOK BLOCKS - WITH CRANE No. 2***

Description	BT14378
Manufacturers Identification	OK - BTT14378
Safety Latches	OK
Sheaves and Bearings	N/A
Swivel	OK
Branded WLL	OK - 25t
Branded with Weight (Tare)	N/A

**Additional Comments on Boom and Attachments**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

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**FRAME AND CABIN**

Frame	OK
Counterweight Attachment - Security	OK
Boom Mounting Lugs	OK
Boom Mounting Pins	OK
Lift Cylinder Lugs	OK
Lift Cylinder Pins	OK
Cab Glass and Mirrors	OK
Sheet Metal / Guards	OK
Seat and Assembly including Seat Belts	OK
Decals / Signs - In English	OK
Load Charts in English as per AS1418	OK
Side Slope Deration Chart	OK
Control Levers - Clearly Marked	OK
Control Cables / Pilot Hoses	OK
Heater	OK
Air Conditioner	OK
Gauges	OK
Anti-Two block Alarms	OK
Horn	OK
Access Steps	OK
Doors and Locks	OK
Crane Level Indicator	OK
Front Wiper	OK
Roof Wiper	N/A
Windscreen Wiper / Washer	OK
Switches and Relays	OK
Rotating Beacon(s)	OK

**Additional Comments on Frame and Cabin**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

**DRIVE SYSTEMS**

Radiator & Coolant level	OK
Water Temperature Gauge	OK
Radiator Hoses / Heater Hoses	OK
Fan / Fan Shaft Assembly	OK
Fan Guard	OK
Oil Filter & Oil Level	OK
Water Pump and Conditioner	OK
Oil Cooler(s)	OK
Fuel Lines	OK
Throttle	OK
Engine Mounts	OK
Power Transmission Belts	N/A
Exhaust Brake	OK
Muffler / Spark Arrestor	OK
Abnormal Engine Noises	OK
Fuel Tank & Diesel Level	OK
Drive Coupling	OK
Transmission Noise / Leaks	OK
Filter and Housing	OK
Pump Drives (PTO)	OK

**Additional Comments on Drive Systems**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

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**CHASSIS INSPECTION**

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

**Additional Comments on Chassis Inspection**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

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**HYDRAULIC SYSTEM**

Hydraulic Reservoir & Oil Level	OK
Return Filters and Housing	OK
Suction Lines and Hoses	OK
Oil Cooler(s)	OK
Main Pump(s)	OK
Steering Pump	OK
Emergency Steering Pump	REMEDIED - Not functioning.
Steering Cylinder	OK
Relief Valves	OK
Flow Control Valves	OK
Pressure Filter and Housing	OK

**Additional Comments on Hydraulic System**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

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**AIR SYSTEMS**

Compressor	OK
Air Reservoirs	OK
Drain Valves	OK
Air Lines	OK
Brake Chambers	REMEDIED - Front axle air leaking with park brake released.
Brake Valves	OK
Air Cylinders	OK
Gauges	OK
Air Dryer	OK

**Additional Comments on Air Systems**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

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**ELECTRICAL SYSTEMS**

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

**Additional Comments on Electrical Systems**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

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**FUNCTIONAL TESTS - MAIN WINCH**Load Chart Reference Number  
Printed Chart - No LoadCMN  
OK

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	55.00	54.60
Boom Length, m	18.42	18.40
Radius, m	8.00	8.00
Load, kg	4,800.00	4,800.00

Load Chart Reference Number  
Rated Load - Boom Fully ExtendedCMN  
OK

	Rated Capacity Indicator	Measured
Radius, m	15.20	15.10
Load, kg	1,900.00	1,445.00

Rated Load in Stability

OK

	Rated Capacity Indicator	Measured
Radius, m	15.20	15.10
Load, kg	1,900.00	1,445.00

Line Pull Test

OK

	Rated Capacity Indicator	Measured
Load, kg	4,200.00	4,200.00

Winch Brake Test

OK

	Rated Capacity Indicator	Measured
Load, kg	4,200.00	4,200.00

Winch Condition &amp; Oil Level

OK - Oil level internal, service records should confirm.

Winch Rope Condition / Anchors

OK - 14mm OEM supplied 110m

Overload Warning Lights and Alarms

OK

**Additional Comments on Functional Tests - Main Winch**

RCL and the RCI accuracy confirmed within acceptable tolerances. available test weights didn't exceed the lowest MRC. Accuracy of the RCL and load chart confirmed.

**FUNCTIONAL TESTS - AUXILIARY WINCH - NA****CRACK INSPECTION**

No Cracks Detected

OK - No NDT report found

**Additional Comments on Crack Inspection**

Annual independent third party VISUAL inspection completed. Crack inspection carried out during and after the load testing. No visible or previously recorded cracks found.

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## ADDITIONAL ANNUAL INSPECTIONS STIPULATED BY THE MANUFACTURER

Note

OK - Service History ( Available). Log book-Pre/Start entries available (Located in the crane cabin: previously logged faults). This report is: Prepared for the date of inspection: Not confirming all global standards: Not a pre-purchase report. No responsibility

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# APPENDICES

## CRANE

Model



Serial Number



Lower Hours



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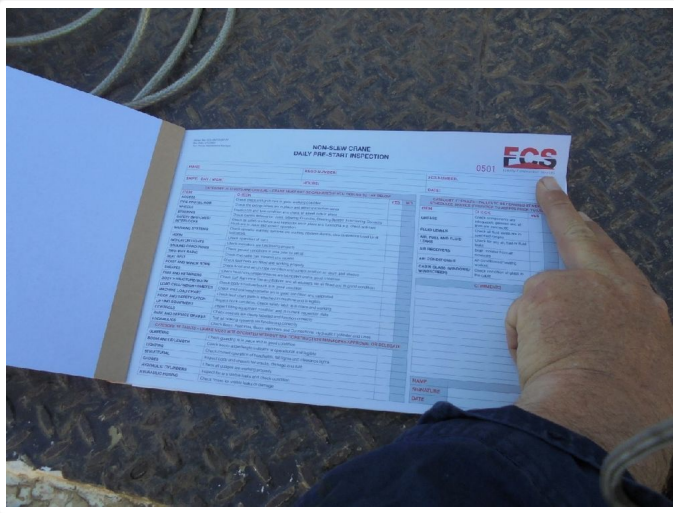
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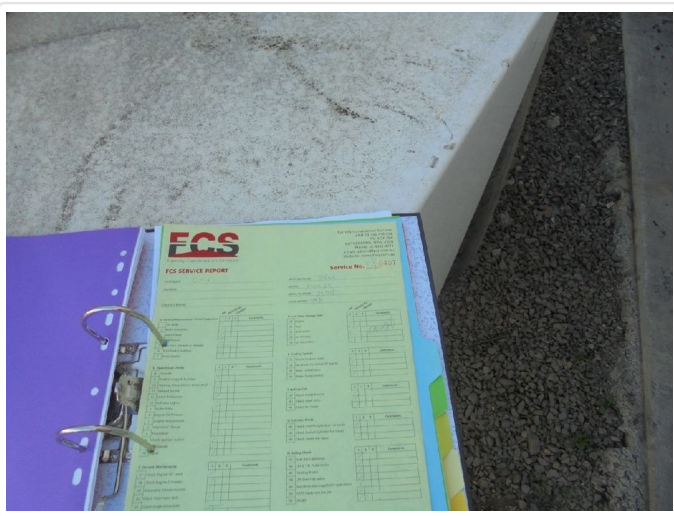


## ASSESSMENT

Log Book  
New book installed. Original book stayed with last customer.



Maintenance Records



## HYDRAULIC SYSTEM

Emergency Steering Pump

## AIR SYSTEMS

Brake Chambers

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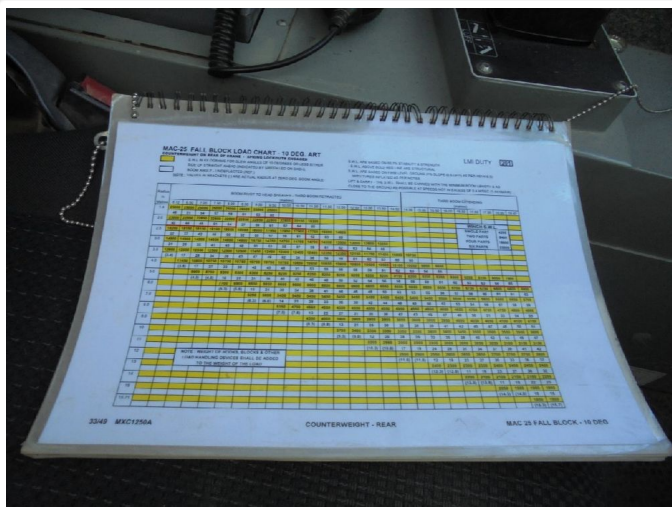
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## FUNCTIONAL TESTS - MAIN WINCH

Load Chart Reference Number



Rated Load - Boom Fully Extended - Load RCI



Rated Load - Boom Fully Extended - Load Measured



## ARTICULATED MOBILE CRANE *Maintenance List*

**Company** C & C Construction Services  
**Address** 1 Sir Henry Parkes Avenue  
MEDOWIE  
**State** NSW  
**Postcode** 2318

**ABN** 82 780 055 822  
**Representative** Mr Peter Ritters  
**Phone** 0419762507  
**Email** pritters@cccs.net.au

**Make** Franna  
**Model** MAC 25  
**Serial Number** 25912  
**Plant Number** 114  
**Year of Manufacture** 2013  
**Design Registration Number** Q16799  
**Plant Registration** MC6-198063/16/0  
**Road Registration** 756TGR  
**Max Load** 25000  
**Number of Axles** 2  
**Lower Hours** 4926  
**Kilometers** 25122



**Country where assessed** Australia  
**Operators Manual in English** Yes  
**Crane Safety Manual** No

**State** NSW  
**Log Book** Yes

**Assessed By** Troy Kiem  
**Reg. No.** NSW1082  
**Phone** 0425 384 091  
**Email** a1craneinspections@gmail.com

**Company** A1 Crane Inspections  
**Address** P O Box 414 KURRI KURRI  
**State** NSW  
**Postcode** 2327

**Initial Inspection Date** 04/09/2017  
**Maximum Period Allowed Before Re-assessment** ASAP. No more than 30 days  
**Conforms to Checklist** No

### HYDRAULIC SYSTEM

**Item**

Emergency Steering Pump NOT OK - Not functioning.

**Remedied By**

*TROY*

*MORGAN*

**Additional Comments on Hydraulic System**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

Emergency Steering Pump

### AIR SYSTEMS

**Item**

Brake Chambers NOT OK - Front axle air leaking with park brake released.

**Remedied By**

*TROY*

*MORGAN*

**Additional Comments on Air Systems**

All items marked OK either functioned and/or appeared Satisfactory. No previously recorded faults.

Brake Chambers

### ADDITIONAL ANNUAL INSPECTIONS STIPULATED BY THE MANUFACTURER

*DEFECT CARRIED OUT BY MOUNTAIN VALLEY PLANT  
MAINTENANCE*

*TROY MORGAN*  
