

Accreditation no. 19898

ALL TERRAIN CRANE *Annual Report*

Company	Cooma Crane Hire	ABN	79 489 890 939
Address	5 Hilton Street COOMA	Representative	Mr Craig Bottom
State	NSW	Phone	02 6452 3740
Postcode	2630	Email	coomacranehire@hotmail.com

Make	Grove
Model	GMK 3055
Serial Number	3055 9424
Plant Number	552
Year of Manufacture	2007
Design Registration Number	NOT SIGHTED AT TIME
OF INSPECTION	
Plant Registration	P0042207
Road Registration	AR 39 A1
Max Load	55000kg
Number of Axles	3
Lower Hours	7774
Upper Hours	9683
Kilometers	116934



Country where assessed	Australia	State	NSW
Operators Manual in English	OK		
Log Book	OK		
Maintenance Records	OK		
Crane Safety Manual	Yes		

Assessed By	Steve Asher	Company	Asha Plant Repairs
Reg. No.	NSW1062	Address	P O Box 40 ST CLAIR
Phone	0408 161 110	State	NSW
Email	ashaplantrepairs@hotmail.com	Postcode	2759

Initial Inspection Date	29/10/2019	Issued Date	13/11/2019
Re-Inspection Date	12/11/2019	Expiry Date	12/11/2020

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

Base Section	OK
No. 1 Section	OK
No. 2 Section	OK
No. 3 Section	OK
No. 4 Section	OK
No. 5 Section	OK
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
Mechanical Boom Angle Indicator	N/A
Fixed Jib	N/A
Luffing Jib(s)	OK - Fly Jib
Masts	N/A
Suspension Ropes	N/A
Suspension Straps / Tubes	N/A
Load Cell	N/A
Recoil Drums	OK
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	3 Sheave Hook
Branded WLL (kg)	OK 40000kg
Manufacturers Identification	OK - 03089147
Safety Latches	OK
Sheaves and Bearings	OK - 3
Swivel	OK
Branded with Tare Weight (kg)	OK 360kg
HOOK BLOCKS - WITH CRANE No. 2	
Description	Aux Hook
Branded WLL (kg)	OK 5000kg
Manufacturers Identification	OK - 0305426
Safety Latches	OK
Sheaves and Bearings	N/A
Swivel	OK
Branded with Tare Weight (kg)	OK 100kg

REVOLVING FRAME AND CABIN

Frame	OK
Counterweight Attachment - Security	OK
Counterweight Hazard Striping	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 Assembly	OK
Throttle	OK
Dead Man Controls	OK
Free Fall Lockout	N/A
Decals / Signs - In English	OK
Load Charts in English as per AS1418	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
Outrigger Controls	OK
Cab Mounts	OK
Front Wiper	OK
Roof Wiper	OK
Windscreen Wiper / Washer	OK
Switches and Relays	OK
Upper Steering	OK
Upper Braking	OK

SLEW SYSTEM

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

MAIN WINCH

Winch Condition & Oil Level	OK
Leaks	OK
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	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

AUXILIARY WINCH - NA

[[reportTextBelow]]

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
Slew 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	N/A
Main Winch Valve	OK
Auxiliary Winch Valve	N/A
Boom Lift Valve	OK
Boom Extension Valve	OK
Pressure Lines and Hoses	OK
Power Steering Cylinders	OK
Vertical Outrigger Cylinders	OK
Horizontal Outrigger Cylinders	OK
Outrigger Control Valves	OK
Outrigger Lock Valves	OK
Counterweight Lift Cylinder	OK

AIR SYSTEMS

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

CHASSIS INSPECTION

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

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

Radiator & Coolant Level	OK
Radiator Hoses	OK
Fan	OK
Fan Guard	OK
Oil Cooler(s)	OK
Fuel Lines	OK
Throttle	OK
Engine Mounts	OK
Power Transmission Belts	OK
Muffler / Spark Arrestor	OK
Engine Oil Pressure & Oil Level	OK
Abnormal Engine Noises	OK
Fuel Tank & Diesel Level	OK
Power Shift / Range Shift	OK
Drive Coupling	OK
Transmission Noise	OK
Leaks	OK
Pump Drives	OK
Pump Disconnects (PTO)	OK
Output Coupling	OK
Engine Braking	OK
Transmission Retarder	OK
Telma Brake	OK
ABS Brakes	OK

SUPERSTRUCTURE DRIVE SYSTEM - NA

[[reportTextBelow]]

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

FUNCTIONAL TESTS - MAIN WINCH*Rated Capacity Indicator (RCI)*

Load Chart Reference Number

Printed Chart - No Load

Code 1000

OK

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	60.00°	60.00°
Boom Length, m	42.94m	42.94m
Radius, m	20.00m	20.00m
Load, kg	2900kg	2800kg

RCI Load Charts

75%

Rated Capacity Limiter (RCL)

Load Chart Reference Number

Code 1000

Rated Load - Boom Fully Extended

OK

	Rated Capacity Indicator	Measured
Radius, m	13.40m	13.50m
Load, kg	6100kg	5260kg

Rated Load in Stability

OK

	Rated Capacity Indicator	Measured
Radius, m	13.40m	13.50m
Load, kg	6100kg	5260kg

Line Pull Test

OK

	Rated Capacity Indicator	Measured
Load, kg	5100kg	5600kg

Winch Brake Test

OK

	Rated Capacity Indicator	Measured
Load, kg	5100kg	5600kg

Overload Warning Lights and Alarms

OK

Rated Capacity Limiter Fitted (Overload Limiter)

OK

FUNCTIONAL TESTS - AUXILIARY WINCH - NA

[[reportTextBelow]]

CRACK INSPECTION

No Cracks Detected

OK - Visual Ok

*Any third party testing is not included in the CraneSafe NATA accreditation.***ADDITIONAL ANNUAL INSPECTIONS STIPULATED BY THE MANUFACTURER - NA**

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SITE REQUIREMENTS - NA

APPENDICES
CRANE



Model



Serial Number



Lower Hours

Upper Hours



ASSESSMENT

[illegible]

Log Book

2019/11/12 08:59:17
 19

Maintenance Records

BOOM AND ATTACHMENTS

Description



Manufacturers Identification



Description



Manufacturers Identification



REVOLVING FRAME AND CABIN

Frame



SLEW SYSTEM

House Lock



MAIN WINCH

Winch Condition



Correct Assembly and Connection of Hoist Rope
Socket



HYDRAULIC SYSTEM

Power Steering Cylinders



AIR SYSTEMS



Air Reservoirs

CHASSIS INSPECTION



Outrigger Boxes

Decals / Signs - In English



ELECTRICAL SYSTEMS

Rotating Beacon(s)



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DRIVE SYSTEMS

Engine Oil Pressure



CARRIER CABIN

Heater

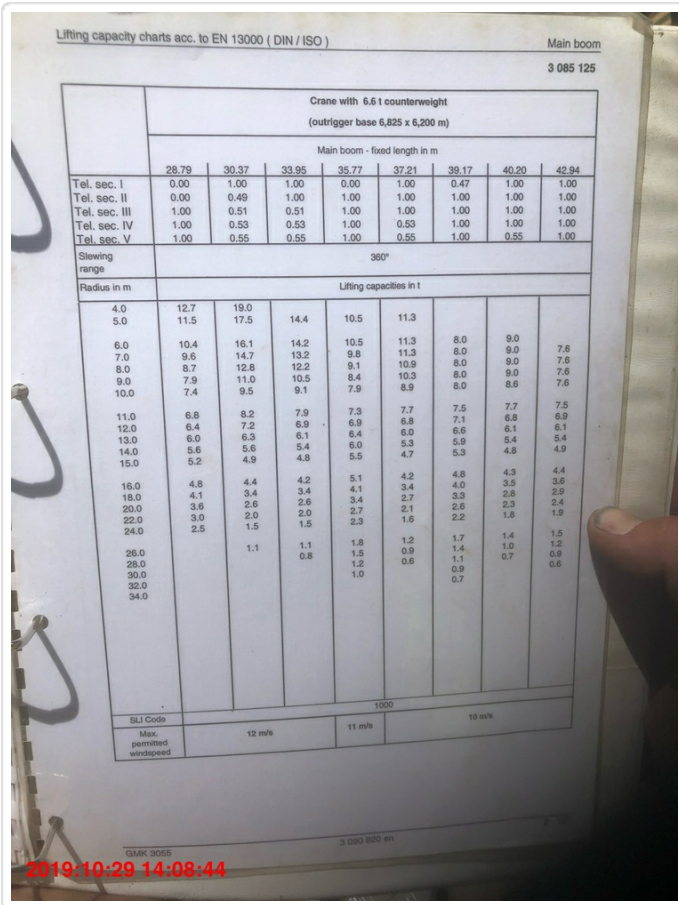


FUNCTIONAL TESTS - MAIN WINCH

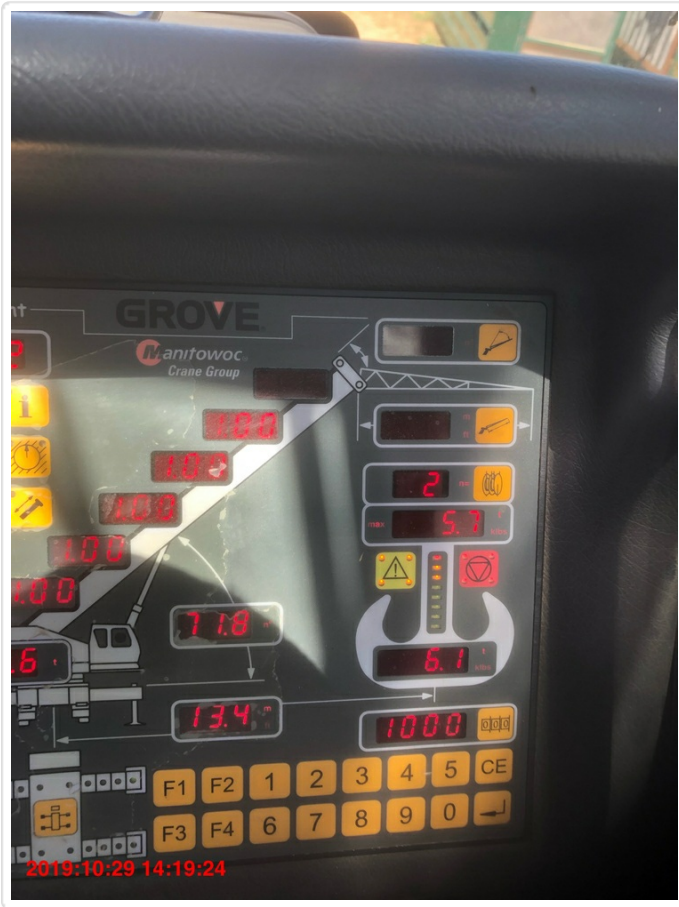
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Load Chart Reference Number



Rated Load - Boom Fully Extended - Load RCI



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Rated Load - Boom Fully Extended - Load Measured



Rated Load - Boom Fully Extended - Load Measured



Line Pull Test - Load RCI



Line Pull Test - Load Measured



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Accreditation no. 19898

Certificate No: NSW143736

CraneSafe®

**CERTIFICATE OF ANNUAL
INSPECTION AND TESTING**

All Terrain Crane

Inspection Date: 12/11/19

Renewal Date: 12/11/2020

Issued Date: 13/11/2019

Location of Inspection: Cooma Depot

Crane Owner: Cooma Crane Hire

Address: 5 Hilton Street COOMA, 2630, NSW, Australia

Crane Make: Grove

Crane Model: GMK 3055

Crane Serial Number: 3055 9424

YOM: 2007

Hours: 9683



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: Steve Asher

CraneSafe Assessor No.: NSW1062

CraneSafe Assessment No: ATC A 143736-9

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Accreditation no. 19898

Certificate No: NSW143736

CraneSafe®

LOAD INDICATOR CERTIFICATION

All Terrain Crane

Annual Inspection Date: 13/11/2019

Crane Owner: Cooma Crane Hire

Address: 5 Hilton Street COOMA, 2630, NSW, Australia

Crane Make: Grove

Crane Model: GMK 3055

Crane Serial Number: 3055 9424

YOM: 2007 **Hours:** 9683

Rated Capacity Indicator (RCI)

Load Chart Reference Number

Code 1000

Printed Chart - No Load

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	60.00	60.00
Boom Length, m	42.94	42.94
Radius, m	20.00	20.00
Load, kg	2,900.00	2,800.00

Rated Capacity Limiter (RCL)

Load Chart Reference Number

Code 1000

Rated Load - Boom Fully Extended

Rated Load in Stability

	Rated Capacity Indicator	Measured
Radius, m	13.40	13.50
Load, kg	6,100.00	5,260.00

	Rated Capacity Indicator	Measured
Radius, m	13.40	13.50
Load, kg	6,100.00	5,260.00

Line Pull Test

	Rated Capacity Indicator	Measured
Load, kg	5,100.00	5,600.00

Winch Brake Test

	Rated Capacity Indicator	Measured
Load, kg	5,100.00	5,600.00

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: Steve Asher

CraneSafe Assessor No.: NSW1062

CraneSafe Assessment No: ATC A 143736-9

Issued Date: 13/11/2019

Accredited for compliance with ISO/IEC 17020

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SUPPORTING INFORMATION

Load Chart Reference Number

Lifting capacity charts acc. to EN 13000 (DIN / ISO)

Main boom

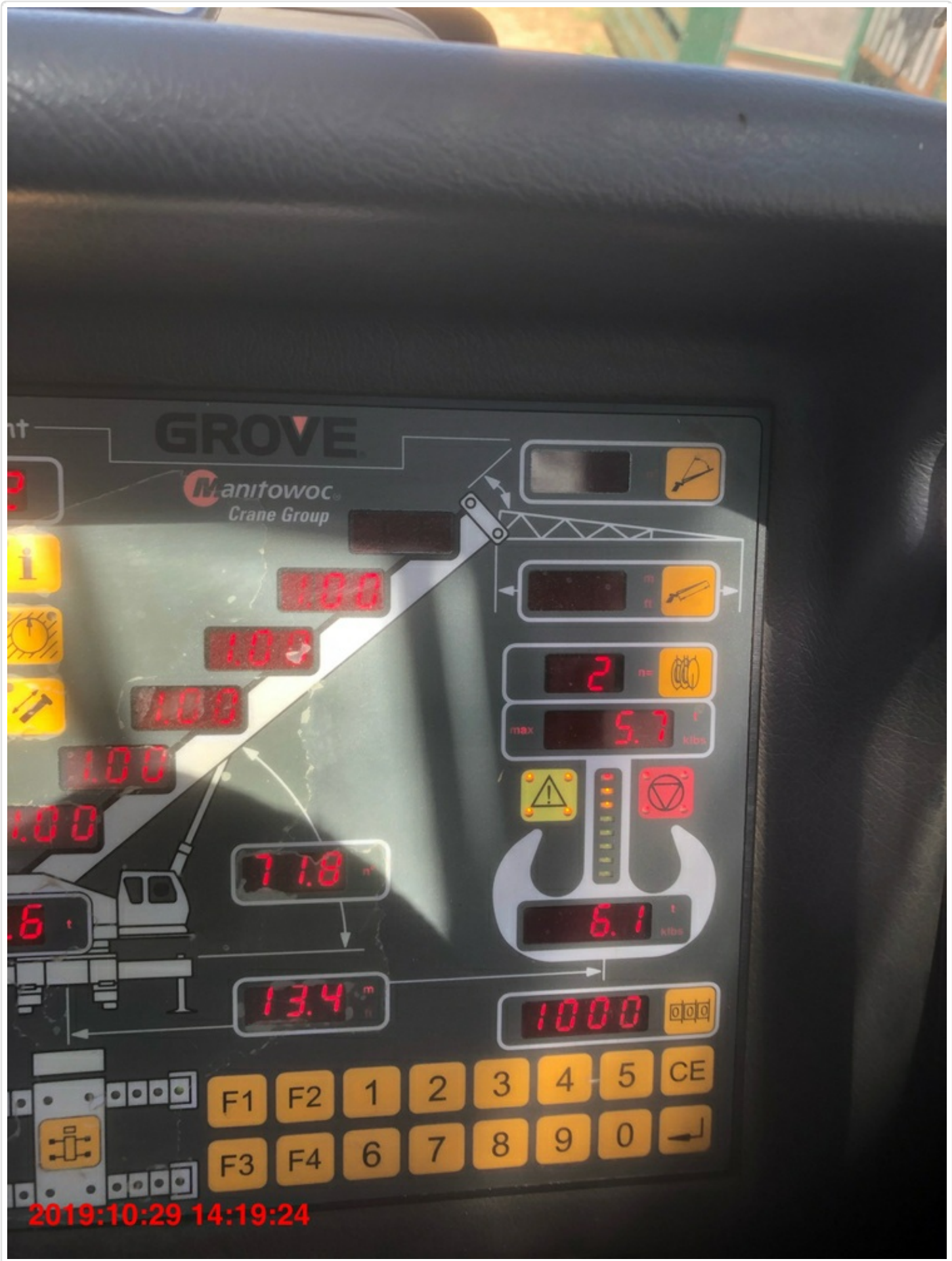
3 085 125

	Crane with 6.6 t counterweight (outrigger base 6,825 x 6,200 m)							
	Main boom - fixed length in m							
	28.79	30.37	33.95	35.77	37.21	39.17	40.20	42.94
Tel. sec. I	0.00	1.00	1.00	0.00	1.00	0.47	1.00	1.00
Tel. sec. II	0.00	0.49	1.00	1.00	1.00	1.00	1.00	1.00
Tel. sec. III	1.00	0.51	0.51	1.00	1.00	1.00	1.00	1.00
Tel. sec. IV	1.00	0.53	0.53	1.00	0.53	1.00	1.00	1.00
Tel. sec. V	1.00	0.55	0.55	1.00	0.55	1.00	0.55	1.00
Slewing range	360°							
Radius in m	Lifting capacities in t							
4.0	12.7	19.0						
5.0	11.5	17.5	14.4	10.5	11.3			
6.0	10.4	16.1	14.2	10.5	11.3	8.0	9.0	
7.0	9.6	14.7	13.2	9.8	11.3	8.0	9.0	7.6
8.0	8.7	12.8	12.2	9.1	10.9	8.0	9.0	7.6
9.0	7.9	11.0	10.5	8.4	10.3	8.0	9.0	7.6
10.0	7.4	9.5	9.1	7.9	8.9	8.0	8.6	7.6
11.0	6.8	8.2	7.9	7.3	7.7	7.5	7.7	7.5
12.0	6.4	7.2	6.9	6.9	6.8	7.1	6.8	6.9
13.0	6.0	6.3	6.1	6.4	6.0	6.6	6.1	6.1
14.0	5.6	5.6	5.4	6.0	5.3	5.9	5.4	5.4
15.0	5.2	4.9	4.8	5.5	4.7	5.3	4.8	4.9
16.0	4.8	4.4	4.2	5.1	4.2	4.8	4.3	4.4
18.0	4.1	3.4	3.4	4.1	3.4	4.0	3.5	3.6
20.0	3.6	2.6	2.6	3.4	2.7	3.3	2.8	2.9
22.0	3.0	2.0	2.0	2.7	2.1	2.6	2.3	2.4
24.0	2.5	1.5	1.5	2.3	1.6	2.2	1.8	1.9
26.0		1.1	1.1	1.8	1.2	1.7	1.4	1.5
28.0			0.8	1.5	0.9	1.4	1.0	1.2
30.0				1.2	0.6	1.1	0.7	0.9
32.0				1.0		0.9		0.6
34.0						0.7		
SLI Code	1000							
Max. permitted windspeed	12 m/s			11 m/s		10 m/s		

GMK 3055

3 090 820 en

2019:10:29 14:08:44



Rated Load - Boom Fully Extended - Load Measured



Rated Load - Boom Fully Extended - Load Measured



2019:10:29 14:17:45



Line Pull Test - Load Measured

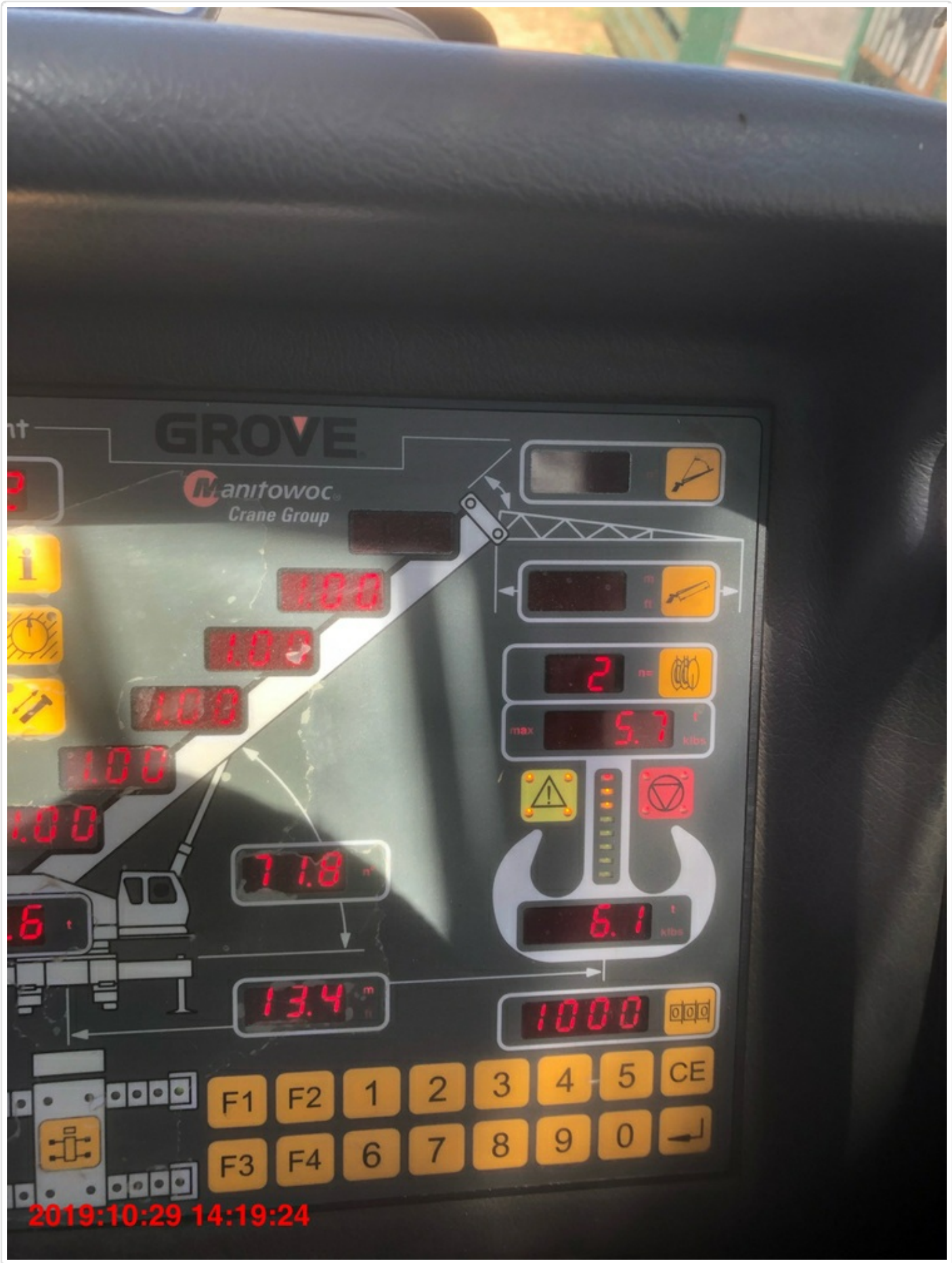


Lifting capacity charts acc. to EN 13000 (DIN / ISO)

Main boom

3 085 125

	Crane with 6.6 t counterweight (outrigger base 6,825 x 6,200 m)							
	Main boom - fixed length in m							
	28.79	30.37	33.95	35.77	37.21	39.17	40.20	42.94
Tel. sec. I	0.00	1.00	1.00	0.00	1.00	0.47	1.00	1.00
Tel. sec. II	0.00	0.49	1.00	1.00	1.00	1.00	1.00	1.00
Tel. sec. III	1.00	0.51	0.51	1.00	1.00	1.00	1.00	1.00
Tel. sec. IV	1.00	0.53	0.53	1.00	0.53	1.00	1.00	1.00
Tel. sec. V	1.00	0.55	0.55	1.00	0.55	1.00	0.55	1.00
Slewing range	360°							
Radius in m	Lifting capacities in t							
4.0	12.7	19.0						
5.0	11.5	17.5	14.4	10.5	11.3			
6.0	10.4	16.1	14.2	10.5	11.3	8.0	9.0	
7.0	9.6	14.7	13.2	9.8	11.3	8.0	9.0	7.6
8.0	8.7	12.8	12.2	9.1	10.9	8.0	9.0	7.6
9.0	7.9	11.0	10.5	8.4	10.3	8.0	9.0	7.6
10.0	7.4	9.5	9.1	7.9	8.9	8.0	8.6	7.6
11.0	6.8	8.2	7.9	7.3	7.7	7.5	7.7	7.5
12.0	6.4	7.2	6.9	6.9	6.8	7.1	6.8	6.9
13.0	6.0	6.3	6.1	6.4	6.0	6.6	6.1	6.1
14.0	5.6	5.6	5.4	6.0	5.3	5.9	5.4	5.4
15.0	5.2	4.9	4.8	5.5	4.7	5.3	4.8	4.9
16.0	4.8	4.4	4.2	5.1	4.2	4.8	4.3	4.4
18.0	4.1	3.4	3.4	4.1	3.4	4.0	3.5	3.6
20.0	3.6	2.6	2.6	3.4	2.7	3.3	2.8	2.9
22.0	3.0	2.0	2.0	2.7	2.1	2.6	2.3	2.4
24.0	2.5	1.5	1.5	2.3	1.6	2.2	1.8	1.9
26.0		1.1	1.1	1.8	1.2	1.7	1.4	1.5
28.0			0.8	1.5	0.9	1.4	1.0	1.2
30.0				1.2	0.6	1.1	0.7	0.9
32.0				1.0		0.9		0.6
34.0						0.7		
SLI Code	1000							
Max. permitted windspeed	12 m/s			11 m/s		10 m/s		



Rated Load - Boom Fully Extended - Load Measured



Rated Load - Boom Fully Extended - Load Measured



2019:10:29 14:17:45



Line Pull Test - Load Measured

