

**MOBILE CRANE REPORT SHEET**

**JOB No. G 21158**

Unique No.	056 841	Owners No.		Inspection Date	12/08/21
SWL (t)	Refer to Maker's sheets			Description	LTD 1050-3.1
Owner	Agtrans Ltd	Location	Nationwide	Maker	Liebherr

IF NOT PREVIOUSLY CERTIFICATED

Crane model is design verified	1	125% SWL test lift in stability governed range	1
Rope M.G.B.S. certificated or samples tested	1	All parts have correct Manufacturer's identification	1
Hook proof tested & compliance certificated	1	Part identification numbers are recorded below	1
Maker's rating sheets supplied	1	Control labels and rating sheets are in English language	1

CRANE ANNUAL REINSPECTION

Outrigger assemblies and jacks	1	Gearing, shafting keys and transmissions	1
Tracks / tyres & assemblies if pick & move	1	Controls, control labels & rating sheets	1
Chassis, underbody & frame	1	Hooks or lifting devices, swivels, shackles	1
Slew ring / slew post	1	Winch drums, pawls and attachment	1
Hydraulic hoses, lines and valves	1	Ropes: condition, length and terminations	1
Hydraulic rams and buffers	1	Sheaves and sheave blocks	1
Machinery spaces and upperworks frame	1	Boom & fly boom	1
Cab, horn, wipers, controls, labels, rating sheets	1	Boom upper luffing limit and preventers	1
Level indicator(s)	1	Rooster frame & sheave	1
		Maintenance records	2

OPERATIONAL TESTS

	Test area clear & safe	1
	Periodic inspection lift performed ( $\leq 100\%$ SWL)	1
	Limits, alarms & anti- two block	1
	Safe load device and/or circuit relief function	1
	All movements satisfactory	1
<i>Proof test type:</i>	125% max moment (not previously certificated)	1

KEY: 1= Safe 2=Action next inspection 3=Repair 4=Renewal Required x = N/A

OBSERVATIONS & DEFECTS

New 3-axle crane with 36m boom plus fly jib and needle, max capacity 50t seen with standard 6.5t counterweight. The crane has a single winch. The cab is used for both crane and truck, with a satisfactory interlock between them. The cab can be raised on a telescopic ram extending up to 8m alongside the boom. 3-sheave hook, SWL 32t M3, 919401508E, 20.01138.19, 07CE20,  $\phi 15$ mm, Wt 280kg, Y=160kg. Single sheave hook, SWL 16t M3, 919330608, 8829-26 CE, 1232020,  $\phi 15$ mm, Wt 195kg, Y=130. Single fall hook, SWL 6t M3, 910005108E, 384546-04, 04#21,  $\phi 15$ mm, Wt 75kg, Y=100mm. Small ramshorn hook, SWL 25t M3, 917373508, 402793-01, 04#21, Wt 63kg. This small ramshorn hook is for use directly on the panel jib. Fly jib, needle and panel jib seen. Fly jib rigged and anti-two blocks proved satisfactory. Rope 15mm RHLL satisfactory and of adequate length with 3-sheave hook reeved 4-falls. Test with boom extended (0, 0, 50, 50, 100) to 19.3m with weight a 10t counterweight plus hook 280kg. 90% reached at 7.8m radius 100% reached at 9.2m radius Chart shows SWL 10.8t at 9m radius. Satisfactory. 110% reached at 10.4m radius 125% reached at 11.8m radius. Emergency stops in cab and on side of car body proved satisfactory.

TEST EQUIPMENT

ID No. 10t Calibration details Manufacturer  
 Type Counterweight

SIGNATORY: BM George	Issue date: 12/08/21
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# PLANT & BUILDING SAFETY LTD

PO Box 19-789 Christchurch NZ [www.pbsl.co.nz](http://www.pbsl.co.nz)

## CERTIFICATE OF INSPECTION

Certificate No. G 21158

Owner / Controller:	Agtrans Ltd
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**UNIQUE NO. OF ITEM:** 056 841

Description/Purpose	Maker	Location	SWL (t)
LTD 1050-3.1	Liebherr	Nationwide	Refer to Maker's sheets

This item has been inspected in accordance with the HSE (PECPR) Regulations 1999, and was found to be safe at the time of inspection. Subject to proper operation and maintenance, this equipment may remain in use for the period of this certificate.

**THIS CERTIFICATE EXPIRES ON: 12/08/22**

Refer to separate report for Surveyor's recommendations

Signatory: BM George      Inspector: BM George      Issue date: 12/08/21

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