

MOBILE CRANE REPORT SHEET

JOB No. G 21044

Unique No.	G21044 : 68654	Owners No.	Inspection Date	3/12/20
SWL (t)	Refer to Maker's sheets		Description	LTM 1160-5.2
Owner	Liebherr	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

Second hand 5 axle crane with 40m boom refurbished by Liebherr, Germany
 A new auxiliary winch and rope were fitted during the refurbishment.
 63t, 3 sheave hook; 910439708E; 341507-02; 11/15; 21mm rope; weight 700kg.
 30t, single sheave hook; 914887808E; s/n 382879-02; 21mm rope; weight 650kg; Y = 145mm, installed 3 falls.
 10t, single fall hook; 915017308E; s/n 13471.11; 11/15; SWL 10t M3; 21mm rope; weight 330 kg.
 Counterweights: 5 x 10t plus 1 x 4t.
 21m lattice boom extension comprised of 3 sections 7m long,
 Fly jib seen in stowed position but not tested.
 Test with 5t counterweight (2.6 + 2.4) showing 6.6t on screen, on 31.1m boom 0+46+46+46+46
 100% SWL reached at 22.4m by tape, 22.5m on screen. 125% reached at 24.5m by tape
 Complies with rating sheets, satisfactory tests.
 Emergency stop and anti two-blocks proved satisfactory.

TEST EQUIPMENT

ID No. Liebherr Calibration details Manufacturer
 Type Counterweight

SIGNATORY:	BM George	Issue date: 03/12/20
------------	-----------	----------------------

Plant & Building Safety Ltd is an I.A.N.Z. accredited Inspection Body

This report may only be reproduced in full. Standard terms and conditions apply, and may be viewed at www.pbsl.co.nz

This report is issued exclusively to the Owner and must not be used for other purposes without our permission



PLANT & BUILDING SAFETY LTD

PO Box 19-789 Christchurch NZ www.pbsl.co.nz

CERTIFICATE OF INSPECTION

Certificate No. G 21044

Owner / Controller:	Liebherr 10 Crooks Road East Tamaki
---------------------	---

UNIQUE NO. OF ITEM: G21044 : 68654

Description/Purpose	Maker	Location	SWL (t)
LTM 1160-5.2	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: 3/12/21

Refer to separate report for Surveyor's recommendations

Signatory: BM George Inspector: BM George Issue date: 3/12/20

Plant & Building Safety Ltd is an I.A.N.Z. accredited Inspection Body

This certificate may only be reproduced in full

Standard terms and conditions apply, and may be viewed at www.pbsl.co.nz