

Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J21101-SI01	Inspection Date:	28/05/2025
Client / Equipment Holder:	Agtrans Ltd	Contact Person:	Phill / CJ
Address:	24 Fitzgerald Lane, Hawera.	Contact Number:	0800 AGTRANS / 027 278 6770
Type:	Truck Mounted Crane	Boom Configuration:	Knuckle Boom
Official Number:	ST.01250621	Rating Sheet:	Posted on crane
Client ID:	NQA 333	Capacity:	15,000kg (Max)
Manufacturer:	Palfinger – PK53002-SH F	Hoist Rope Diameter:	9.0mm (Not attached at time of inspection)
SWL Indicator Type:	Audio alarms & Cut-outs	Hooks SWL:	11.5 tonne
Vehicle Type:	2021 Mercedes Actros	Registration:	NQA 333

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Clearly visible company signwriting. Satisfactory.
2	Maintenance Records	✓	Maintained in house by Agtrans technicians. Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK53002-SH F – Posted near controls. Satisfactory condition.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

1	Overload Protection System	✓	Audio alarms, visual display & cut-outs. Tested and working satisfactorily.
2	Anti – Two Block (recommended)	N/A	
3	Load Holding Valves (if required)	✓	Holding during load testing. No concerns.
4	Load Test	✓	Tested using 4000kg, 90% warning at 9.7m, 100% Cut out 11m. Correct according to chart and tape.
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	No creep noted during load testing. Satisfactory.
7	Stabiliser Check valves (if required)	✓	Fitted and in satisfactory order.
8	Hoist Winch	C	Not attached at time of inspection. Must be inspected by competent person before being used. Circlip missing from rope guide pulley pin.
9	Hydraulics	C	Hydraulic tubing separated at time of inspection.
10	Controls	✓	3x E-Stops tested. All controls working satisfactorily.
11	Extensions (visible locks, position indicator)	✓	Front and rear extension beams. Satisfactory condition with locks and position indicators.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops in place and secure. Satisfactory.
2	Crane Base (bolting, pins, bushes, locks)	✓	All studs and fixings secure. Satisfactory condition.
3	Extension Beam(s) & Jacks	C	Hydraulic front and rear. LF LED not working otherwise in good condition.
4	Extensions (wear pads, locks)	✓	No noted wear. Satisfactory condition.
5	Slew Bearing / Slew bearing / Bolts	✓	Bolting secure. Slew action smooth. Satisfactory condition.
6	Crane Body (bolting, pins, bushes, locks)	✓	Locked in place and secure. Satisfactory.
7	Inner Boom (pins, bushes, locks)	✓	No noted wear. Secure. Satisfactory.
8	Outer Boom (pins, bushes, locks)	✓	Circlips in place and secure. Satisfactory condition.
9	Extending Booms (wear pads)	✓	7 x hyd. Extensions with no excessive or uneven wear noted. Satisfactory.
10	Hooks & Hook attachments	C	11.5t SWL. Burr on shackle.
11	Ropes (terminations, length)	C	9.0mm not inspected as not attached – to be inspected by competent person before use.
12	Sheaves	✓	Sheaves require inspection before being put into use.
13	Hydraulic Tank & Hoses	✓	Tidy condition with no concerns.
14	Other	C	Fly gib not attached at time of inspection. Must be inspected by competent person before being used.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos: Serial Number: 100508244; Crane year, 2019.



This item has been inspected in accordance with the relevant codes & standards and **not being / is being** recommended for certification.

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Expiry Date: 31/05/2026

Equipment Inspector: Mark Bright/ Alan Winch	Reviewed By:
A.Winch – Authorised Signatory	Alan Winch
	Issue Date: 28-05-2025

Actions	
Action	Priority
Item 8 Operational and 10 Condition- Hoist winch and rope to be inspected by competent person before being put back into service.	M
Item 9 Operational- Monitor hydraulic tubes fouling against other crane components, causing wear.	R
Item 3 Condition- Repair LED light on left front stabiliser leg.	R
Item 10 Condition- Remove burr from hook shackle.	M
Item 14 Condition- Fly Gib to be inspected by competent person before use.	R
Priority: M Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection			
Client:	Agtrans Ltd	Job Number:	J21101-SI01
Controller:	Phill / CJ	Date of Inspection:	28/05/2025
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	ST.01250621
Equipment ID:	NQA 333	Safe Working Load:	11,500kg (Hook SWL)
Equipment Desc:	2019 Palfinger PK53002-SH	Manufacturer:	Palfinger - 2019
Purpose:	Truck loading and unloading	Crane Type:	Truck Mounted
Location:	New Zealand Wide	Serial Number:	100508244
		Date of Expiry:	31/05/2026
This equipment was found to be in a satisfactory and safe condition at the time of inspection and will remain safe for the period of the certificate if operated and maintained properly.			
Equipment Inspector:	M.Bright/A.Winch	IANZ Signatory:	A.Winch
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