

Truck Mounted Crane Inspection Report



(Knuckle Boom & Straight Boom)

Job & Report Number:	J15896-SI02	Inspection Date:	24/05/2024
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 Aroc 5	Registration:	NQA 333

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Company logo and registration plate. Satisfactory.
2	Maintenance Records	✓	Maintained by Agtrans and in good condition.
3	Load Radius Rating Chart (English)	✓	Chart PK53002-SH F – at controls. Satisfactory condition.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

1	Overload Protection System	✓	Audio alarms & cut-outs. During load testing in satisfactory working order.
2	Anti – Two Block (recommended)	N/A	
3	Load Holding Valves (if required)	✓	Holding satisfactory during load testing with no concerns.
4	Load Test	✓	Tested using 3090kg, warning at 11.1m, Cut out 12.8m as per 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)	✓	Satisfactory.
8	Hoist Winch	C	Not inspected, as not attached at time of inspection. Must be inspected by competent person before being used.
9	Hydraulics	✓	Tubing and rams. Satisfactory condition.
10	Controls	✓	E-Stops tested and all controls working well. Satisfactory.
11	Extensions (visible locks, position indicator)	✓	Front and rear extension beams, locks and indicators. Satisfactory condition.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Fully welded base stops and secure. Satisfactory condition.
2	Crane Base (bolting, pins, bushes, locks)	✓	Studs and fixings secured and in satisfactory condition.
3	Extension Beam(s) & Jacks	✓	Front, rear (4 x fully hyd.) With LED In satisfactory condition.
4	Extensions (wear pads, locks)	✓	No excessive wear noted. Satisfactory condition.
5	Slew Bearing / Slew bearing / Bolts	✓	Bolting secure and bearing in satisfactory condition.
6	Crane Body (bolting, pins, bushes, locks)	✓	Securely locked in place. Satisfactory.
7	Inner Boom (pins, bushes, locks)	✓	No major wear noted and secure. Satisfactory.
8	Outer Boom (pins, bushes, locks)	✓	Circlip locking and secured. Satisfactory condition.
9	Extending Booms (wear pads)	✓	6 x hyd. Extensions with no excessive or uneven wear noted. Satisfactory.
10	Hooks & Hook attachments	C	11.5t SWL. Burr on shackle removed at time of inspection.
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	One set LED lights on Jack not working – Client to Maintain

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.

Expiry Date: 12/06/2025

Equipment Inspector: Alan Winch	Reviewed By: Craig Darling
A.Winch – Authorised Signatory	

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Crane Certificate of Inspection



Client:	Agtrans Ltd	Job Number:	J15896-SI02
Controller:	Phill / CJ	Date of Inspection:	24/05/2024
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:	12/06/2025

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:	A.Winch	IANZ Signatory:	A.Winch	 No. 128
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