

Truck Mounted Crane Inspection Report



(Knuckle Boom & Straight Boom)

Job & Report Number:	J13668-S101	Inspection Date:	12/06/2023
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:	15000kg (Max)
Manufacturer:	Palfinger – PK53002-SH F	Hoist Rope Diameter:	9.0mm (Not attached at 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 markings. Satisfactory.
2	Maintenance Records	✓	Maintained by Agtrans own team, and in good condition.
3	Load Radius Rating Chart (English)	✓	Chart PK53002-SH F – in good condition posted at manual controls.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

1	Overload Protection System	✓	Audio alarms & cut-outs. In good working order during load testing.
2	Anti – Two Block (recommended)	N/A	
3	Load Holding Valves (if required)	✓	During load testing no concerns. Satisfactory.
4	Load Test	✓	Tested using 3100kg, warning at 11.2m, Cut out 12.8m as per chart and tape.
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	No creep noted at load testing. Satisfactory.
7	Stabiliser Check valves (if required)	✓	Satisfactory.
8	Hoist Winch	C	Not attached at time of inspection
9	Hydraulics	✓	Tubing and rams in good condition.
10	Controls	✓	Manual, remote controls. 4 x E-Stops tested and functioning. Satisfactory.
11	Extensions (visible locks, position indicator)	✓	6 Hydraulic. In good condition.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Secured and fully welded base stops. Satisfactory.
2	Crane Base (bolting, pins, bushes, locks)	✓	Good studs and nuts well secured. Satisfactory.
3	Extension Beam(s) & Jacks	✓	Front and rear (4 x fully hyd.) In good condition. With reflective and LED
4	Extensions (wear pads, locks)	✓	Satisfactory condition.
5	Slew Bearing / Slew bearing / Bolts	✓	Secure and good condition.
6	Crane Body (bolting, pins, bushes, locks)	✓	Locked in place and secured. Satisfactory.
7	Inner Boom (pins, bushes, locks)	✓	Secured and no major wear noted. Satisfactory.
8	Outer Boom (pins, bushes, locks)	✓	Locked by circlips and secured. Satisfactory.
9	Extending Booms (wear pads)	✓	6 x hyd. No excessive or uneven wear noted. Satisfactory.
10	Hooks & Hook attachments	C	11.5t SWL. Burr on shackle needs removing – Client has in hand to maintain
11	Ropes (terminations, length)	N/A	
12	Sheaves	✓	Sheaves for hoist not attached in good condition.
13	Hydraulic Tank & Hoses	✓	No damage or leaks noted. Tidy condition.
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: 12/06/2024

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




Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Crane Certificate of Inspection



Client:	Agtrans Ltd	Job Number:	J13668-SI01
Controller:	Phill / CJ	Date of Inspection:	12/06/2023
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:	12/06/2024
<i>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.</i>			
Equipment Inspector:	A.Winch	IANZ Signatory:	A.Winch
Sentinel Inspection Services Ltd. is an IANZ Accredited Inspection Body All enquires phone (06) 281 1302		www.sentineltd.co.nz	 No. 128