

Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J15976-SI02	Inspection Date:	06/06/2024
Client / Equipment Holder:	Agtrans Ltd	Contact Person:	Logan
Address:	24 Fitzgerald Lane, Hawera.	Contact Number:	0800 AGTRANS / 027 278 6770
Type:	Truck Mounted Crane	Boom Configuration:	Knuckle Boom
Official Number:	6220514	Rating Sheet:	Posted on crane
Client ID:	CJL 283	Capacity:	15000kg (Max) - Reduced to 11.5T due to Hook
Manufacturer:	Palfinger PK 53002-SH	Hoist Rope Diameter:	9.0mm
SWL Indicator Type:	Alarms & Cut-outs	Hooks SWL:	11.5ton SWL
Vehicle Type:	2004 Mercedes Benz	Registration:	CJL 283

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Vehicle clearly sign written. Satisfactory.
2	Maintenance Records	✓	Agtrans own maintenance team. Satisfactory condition.
3	Load Radius Rating Chart (English)	✓	Chart - PK53002-SH F- Posted at manual controls. Satisfactory.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

1	Overload Protection System	C	Cut-out operated satisfactory – Alarms not working-recommend reinstating.
2	Anti – Two Block (recommended)	C	Required for winch, to be inspected when winch is operational.
3	Load Holding Valves (if required)	✓	At load testing, in good working order.
4	Load Test	C	Tested using 3090kg load. Cut-out at 10m as per chart and tape measure – No warning alarm
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	At load test, no creep evident, Satisfactory
7	Stabiliser Check valves (if required)	✓	On all 4 legs. No concerns at load testing.
8	Hoist Winch	C	Not connected at time of inspection – Do not use until rope replaced
9	Hydraulics	C	Minor weep from hose at mast base- Monitor.
10	Controls	✓	Remote, manual controls and E-stops all tested and functioning well.
11	Extensions (visible locks, position indicator)	✓	7 x ext. Serviceable condition.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops secured. No concerns at inspection.
2	Crane Base (bolting, pins, bushes, locks)	✓	Studs, nuts and lock nuts secure. Satisfactory
3	Extension Beam(s) & Jacks	C	4 x Ext. Good condition with reflective tape. LED lights not working.
4	Extensions (wear pads, locks)	✓	No concerns, in satisfactory condition.
5	Slew Bearing / Slew bearing / Bolts	✓	Smooth operation, minimal wear noted. Satisfactory
6	Crane Body (bolting, pins, bushes, locks)	✓	In place and secured. Satisfactory condition.
7	Inner Boom (pins, bushes, locks)	✓	Secured, no concerns.
8	Outer Boom (pins, bushes, locks)	✓	Securely locked and in satisfactory condition.
9	Extending Booms (wear pads)	✓	No excessive or uneven wear noted. Serviceable condition.
10	Hooks & Hook attachments	C	Hook clasp spring broken. Wear in hook shackle. Recommend maintenance.
11	Ropes (terminations, length)	C	Rope to be replacing before winch to be used – Not attached at inspection.
12	Sheaves	C	Minor wear noted. Serviceable condition.
13	Hydraulic Tank & Hoses	C	Brackets broken/missing on extension tubes. Recommend maintenance.
14	Other	C	Hoist rope has multiple breaks – Noted to client not to be used.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Year mfg.2013. Serial no. 1001161820



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

Expiry Date: 06/06/2025

Equipment Inspector: Alan Winch/ Mark Bright	Reviewed By:
A.Winch – Authorised Signatory 	P. Hudson

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Crane Certificate of Inspection



Client:	Agtrans Ltd	Job Number:	J15976-SI02
Controller:	Logan	Date of Inspection:	06/06/2024
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	6220514
Equipment ID:	CJL 283	Safe Working Load:	11.5 Tonnes
Equipment Desc:	2004 Mercedes / PK53002-EH	Manufacturer:	Palfinger - 2013
Purpose:	Truck loading and unloading	Crane Type:	Truck Mounted
Location:	New Zealand Wide	Serial Number:	1001161820
		Date of Expiry:	06/06/2025
<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/M. Bright		Authorised Signatory: A. Winch	
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		 No. 128	