

# Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



<b>Job &amp; Report Number:</b>	J13663-SI01	<b>Inspection Date:</b>	26/05/2023
<b>Client / Equipment Holder:</b>	Agtrans Ltd	<b>Contact Person:</b>	Phill / CJ
<b>Address:</b>	24 Fitzgerald Lane, Hawera.	<b>Contact Number:</b>	0800 AGTRANS / 027 278 6770
<b>Type:</b>	Truck Mounted Crane	<b>Boom Configuration:</b>	Knuckle Boom
<b>Official Number:</b>	6220514	<b>Rating Sheet:</b>	Posted on crane
<b>Client ID:</b>	CJL 283	<b>Capacity:</b>	15000kg (Max) - Reduced to 11.5T due to Hook
<b>Manufacturer:</b>	Palfinger PK 53002-SH	<b>Hoist Rope Diameter:</b>	9.0mm
<b>SWL Indicator Type:</b>	Alarms & Cut-outs	<b>Hooks SWL:</b>	11.5ton SWL
<b>Vehicle Type:</b>	2004 Mercedes Benz	<b>Registration:</b>	CJL 283

## GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Sign written clearly on vehicle. 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	<b>Cut-out operated satisfactory – Agtrans to reinstate alarm.</b>
2	Anti – Two Block (recommended)	C	<b>To be fitted when using Winch – Not hooked up at time of inspection.</b>
3	Load Holding Valves (if required)	✓	During load testing in good working order.
4	Load Test	C	<b>Tested using 3100kg load. Cut-out at 12.1m as per chart and tape measure – No warning alarm</b>
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	During load testing no creep noted. Satisfactory.
7	Stabiliser Check valves (if required)	✓	On all 4 legs. Satisfactory working order at load testing.
8	Hoist Winch	C	<b>Not connected at time of inspection – Do not use until rope replaced</b>
9	Hydraulics	✓	Satisfactory condition with no leaks or concerns noted.
10	Controls	✓	Remote control, both manual sets and E-stops tested and functioning well.
11	Extensions (visible locks, position indicator)	✓	7 x ext. Good serviceable condition.

## CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops secured and satisfactory condition.
2	Crane Base (bolting, pins, bushes, locks)	✓	Studs and nuts secure and good order.
3	Extension Beam(s) & Jacks	✓	4 x Ext. Good condition with reflective and LED lights. Satisfactory.
4	Extensions (wear pads, locks)	✓	Serviceable condition.
5	Slew Bearing / Slew bearing / Bolts	✓	In good order with minimal wear noted.
6	Crane Body (bolting, pins, bushes, locks)	✓	Locked in place and secured. Satisfactory order.
7	Inner Boom (pins, bushes, locks)	✓	Secured and satisfactory condition.
8	Outer Boom (pins, bushes, locks)	✓	Securely locked and in satisfactory order.
9	Extending Booms (wear pads)	✓	No excessive or uneven wear noted. Satisfactory.
10	Hooks & Hook attachments	✓	11.5 tonne SWL hook, Shackle requires deburring. Serviceable condition.
11	Ropes (terminations, length)	C	<b>Rope to be replacing before winch to be used – Not attached at inspection.</b>
12	Sheaves	C	<b>Minor wear noted. Serviceable condition.</b>
13	Hydraulic Tank & Hoses	✓	No leaks or damage noted. Satisfactory.
14	Other	C	<b>Hoist rope has multiple breaks – Noted to client not to be used.</b>

## LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos: 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: 03/06/2024**

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



# Truck Mounted Crane Inspection Report

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## Crane Certificate of Inspection



Client:	Agtrans Ltd	Job Number:	J13663-SI01
Controller:	Phill / CJ	Date of Inspection:	26/05/2023
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
		<b>Date of Expiry:</b>	<b>3/06/2024</b>
<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:	<b>A.Winch</b>	Authorised Signatory:	<b>A.Winch</b>
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