

Truck Mounted Crane Inspection Report



(Knuckle Boom & Straight Boom)

Job & Report Number:	J20233-SI01	Inspection Date:	27/01/2025
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:	SIS128035	Rating Sheet:	PK17.001 SLD D
Client ID:	DFF 731	Capacity:	As per rating chart (max 5850kg).
Manufacturer:	Palfinger PK 17.001SLD	Hoist Rope Diameter:	n/a
SWL Indicator Type:	Relief	Hooks SWL:	8.0 ton
Vehicle Type:	2006 Mercedes Benz	Registration:	DFF 731

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	ID, SWL and company logo marked on vehicle.
2	Maintenance Records	✓	Serviced by Agtrans maintenance technicians. Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK 17.001 SLD D – Posted near manual controls. Satisfactory condition.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

1	Overload Protection System	✓	Relief, Tested and operated at 5.6m during load testing. Satisfactory
2	Anti – Two Block (recommended)	N/A	
3	Load Holding Valves (if required)	✓	Holding at load test. Satisfactory.
4	Load Test	✓	Tested using 3090kg load at 5.1m radius. As per chart and tape.
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	No sag noted until relief valve activated at 5.6m. Satisfactory.
7	Stabiliser Check valves (if required)	✓	No leaks noted. Satisfactory condition.
8	Hoist Winch	N/A	
9	Hydraulics	C	Boom extension ram mount bolt has stripped thread.
10	Controls	✓	Manual and remote control. Functions working and labelled. 3 x Emergency stops tested and resetting. Satisfactory.
11	Extensions (visible locks, position indicator)	✓	Rear mounted hydraulic operated. Satisfactory condition.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Securely welded base stops. Satisfactory condition.
2	Crane Base (bolting, pins, bushes, locks)	✓	Secure. No concerns.
3	Extension Beam(s) & Jacks	✓	No leaks or damage. Satisfactory condition.
4	Extensions (wear pads, locks)	✓	Evenly worn. Satisfactory.
5	Slew Bearing / Slew bearing / Bolts	✓	Secure. All fixings in place. No concerns. Satisfactory.
6	Crane Body (bolting, pins, bushes, locks)	✓	Secure. All circlips in place. Satisfactory.
7	Inner Boom (pins, bushes, locks)	✓	Minimal wear noted and secured in place, good order.
8	Outer Boom (pins, bushes, locks)	✓	Secure and minimal wear noted. Satisfactory.
9	Extending Booms (wear pads)	✓	No uneven or excessive wear. Serviceable condition.
10	Hooks & Hook attachments	C	8.0ton SWL. Minor burr on hook shackle.
11	Ropes (terminations, length)	N/A	
12	Sheaves	N/A	
13	Hydraulic Tank & Hoses	✓	No leaks or damage noted. Satisfactory condition.
14	Other	C	Crane year, 2017. Serial no. 100407564.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos:



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

Expiry Date: 31/01/2026

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

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Actions		Priority
Item 9 Operational- Repair thread on ram mount (Photo #3)		M
Item 10 Condition- Remove burr from hook shackle to prolong shackle life (photo #4)		R
Priority:	M Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection			
07Client:	Agtrans Ltd	Job Number:	J20233-SI01
Controller:	Phill / CJ	Date of Inspection:	27/01/2025
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	SIS128035
Equipment ID:	DFF 713	Safe Working Load:	5850kg (Max)
Equipment Desc:	PK17.001 SLD1/2006 -Mercedes	Manufacturer:	Palfinger - 2017
Purpose:	Truck loading and unloading	Crane Type:	Truck Mounted
Location:	New Zealand Wide	Serial Number:	100407564
		Date of Expiry:	31/01/2026
<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:	Mark Bright	Authorised Signatory:	Alan Winch
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