

Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J10930-SI01	Inspection Date:	02/02/2022
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:	Posted on crane
Client ID:	DFF 731	Capacity:	As per rating chart (max 5850kg).
Manufacturer:	Palfinger PK 17.001SLD	Hoist Rope Diameter:	n/a
SWL Indicator Type:	Alarms & Cut-outs	Hooks SWL:	8.0 ton
Vehicle Type:	2006 Mercedes Benz	Registration:	DFF 731

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Marked clearly
2	Maintenance Records	✓	Scheduled maintenance by "Agtrans". Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK 17.001 SLD D Posted at manual controls. Satisfactory.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

1	Overload Protection System	✓	Tested and operating at load test.
2	Anti – Two Block (recommended)	N/A	
3	Load Holding Valves (if required)	✓	Functioning correctly at load test. Satisfactory
4	Load Test	✓	Tested using 1000kg load at 10.25m radius. As per chart and tape.
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	No creep at Load test, relief activated at 10.95m. Satisfactory.
7	Stabiliser Check valves (if required)	✓	Rear mounted. Satisfactory.
8	Hoist Winch	N/A	
9	Hydraulics	✓	No leaks or damage noted at inspection. Satisfactory
10	Controls	✓	Controls Tested and 3 x Emergency stops - All in good working order.
11	Extensions (visible locks, position indicator)	✓	4 x hydraulic extensions. All in good condition.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops, secured. Satisfactory.
2	Crane Base (bolting, pins, bushes, locks)	✓	Nyloc nuts in place and secured.
3	Extension Beam(s) & Jacks	C	3 x guide screws on extension beams requires tightening at inspection. Recommend fitting reflective tape to legs.
4	Extensions (wear pads, locks)	✓	Serviceable condition. Satisfactory.
5	Slew Bearing / Slew bearing / Bolts	✓	No concerns noted.
6	Crane Body (bolting, pins, bushes, locks)	✓	In place and secured. Satisfactory.
7	Inner Boom (pins, bushes, locks)	✓	Secured and in good order.
8	Outer Boom (pins, bushes, locks)	✓	Good order.
9	Extending Booms (wear pads)	✓	Secured and in serviceable condition. Satisfactory.
10	Hooks & Hook attachments	✓	8.0 ton SWL. Hook and retaining clip in good order.
11	Ropes (terminations, length)	N/A	
12	Sheaves	N/A	
13	Hydraulic Tank & Hoses	✓	Satisfactory.
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: 02/02/2023

Equipment Inspector: Alan Winch	Reviewed By:
P.Hudson – IANZ Signatory	



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Truck Crane Certificate of Inspection



Client: Agtrans Limited. Address: 24 Fitzgerald Lane, Hawera. Controller: Phill / CJ Client ID: DFF 731 Location: New Zealand Wide. Type / Description: Truck Mounted Crane Vehicle Type / Reg: 2006 Mercedes Benz/DFF 731 Year / Serial no: 2017 / 100407564.	Job Number: J10930-SI01 Date Inspected: 02/02/2022 Official Number: SIS128035 Capacity: As per chart (max 5850kg). Hoist Rope Diameter: n/a Hook SWL: 8.0 tonnes Manufacturer: Palfinger PK 17.001SLD Date of Expiry: 02/02/2023
<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 / P.Hudson – IANZ Signatory.	

