

# Truck Mounted Crane Inspection Report



(Knuckle Boom & Straight Boom)

<b>Job &amp; Report Number:</b>	J9108-SI01	<b>Inspection Date:</b>	04/02/2021
<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>	SIS128035	<b>Rating Sheet:</b>	Posted on crane
<b>Client ID:</b>	DFF 731	<b>Capacity:</b>	As per rating chart (max 5850kg).
<b>Manufacturer:</b>	Palfinger PK 17.001SLD	<b>Hoist Rope Diameter:</b>	n/a
<b>SWL Indicator Type:</b>	Alarms & Cut-outs	<b>Hooks SWL:</b>	8.0 ton
<b>Vehicle Type:</b>	2006 Mercedes Benz	<b>Registration:</b>	DFF 731

## GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	C	<b>Official number on crane marked incorrectly – Requires reposting</b>
2	Maintenance Records	✓	Agtrans maintenance system. Satisfactory.
3	Load Radius Rating Chart (English)	✓	Posted at manual controls. Satisfactory.
4	LT 400 (Only on First Inspection)	n/a	

## OPERATIONAL

1	Overload Protection System	✓	Satisfactory.
2	Anti – Two Block (recommended)	n/a	
3	Load Holding Valves (if required)	✓	Working Satisfactory
4	Load Test	✓	Tested using 3000kg load at 5m radius, corresponding to rating chart and tape
5	Stability Check (if required)	✓	No concern at rated load.
6	Sag Rate	✓	No creep evident at rated load.
7	Stabiliser Check valves (if required)	✓	Rear mounted. Satisfactory.
8	Hoist Winch	n/a	
9	Hydraulics	✓	In good order. Satisfactory
10	Controls	✓	Local & remote controls. Emergency stops, All in good working order.
11	Extensions (visible locks, position indicator)	✓	4 x hydraulic extensions. All satisfactory.

## CONDITION

1	Crane Mounting (base stops, spacers)	✓	In good order.
2	Crane Base (bolting, pins, bushes, locks)	✓	In order.
3	Extension Beam(s) & Jacks	C	<b>2 x guide screws on legs found loose. Requires tightening</b>
4	Extensions (wear pads, locks)	✓	In good order.
5	Slew Bearing / Slew bearing / Bolts	✓	No anomalies noted.
6	Crane Body (bolting, pins, bushes, locks)	C	<b>Crack in Base mount RHS, approx. No Concern not load bearing - remedial action recommended</b>
7	Inner Boom (pins, bushes, locks)	✓	In good order.
8	Outer Boom (pins, bushes, locks)	✓	Satisfactory.
9	Extending Booms (wear pads)	✓	Satisfactory.
10	Hooks & Hook attachments	✓	8.0 ton SWL hook, satisfactory.
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: 04/02/2022

Equipment Inspector: A.Winch / B.Mohan	Reviewed By:
B.Mohan – IANZ Signatory 	