

Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J11886-SI01	Inspection Date:	4/08/2022
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:	SIS128032	Rating Sheet:	Posted on crane
Client ID:	KTF 616	Capacity:	As per rating - chart (max.9400kg).
Manufacturer:	Palfinger PK 33002-EH E	Hoist Rope Diameter:	n/a
SWL Indicator Type:	Alarms & Cut-outs	Hooks SWL:	8.0 tonnes
Vehicle Type:	2017 Mercedes Benz	Registration:	KTF 616

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Company logo and ID marked clearly.
2	Maintenance Records	✓	Well maintained by "Agtrans" service team. Satisfactory
3	Load Radius Rating Chart (English)	✓	Chart PK33002-EH E. Satisfactory condition.
4	LT 400 (Only on First Inspection)	NA	

OPERATIONAL

1	Overload Protection System	✓	Tested alarms & cut-outs, all working. Satisfactory.
2	Anti – Two Block (recommended)	NA	
3	Load Holding Valves (if required)	✓	Satisfactory working order.
4	Load Test	✓	Tested using 2000kg. Warning at 9.0m. Cut-out and alarm at 9.3m radius. As per load chart and tape measure.
5	Stability Check (if required)	NA	
6	Sag Rate	✓	No sag noted while performing load test.
7	Stabiliser Check valves (if required)	✓	Fitted to all 4 legs. Satisfactory working condition.
8	Hoist Winch	NA	
9	Hydraulics	C	Minor weep noted on 3rd extension – Not concerning.
10	Controls	✓	Remote and local in good order. All E-stops tested and operating.
11	Extensions (visible locks, position indicator)	✓	6 x ext. No concerns all in good condition.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops, secured. Satisfactory.
2	Crane Base (bolting, pins, bushes, locks)	✓	Studs and double nuts in secure and good condition.
3	Extension Beam(s) & Jacks	C	LED lights not working, good condition-Recommend fitting reflective tape
4	Extensions (wear pads, locks)	C	Good condition, adjuster nut replaced at time of inspection
5	Slew Bearing / Slew bearing / Bolts	✓	No wear noted. Satisfactory.
6	Crane Body (bolting, pins, bushes, locks)	✓	Pins locked with circlips secured. Satisfactory.
7	Inner Boom (pins, bushes, locks)	✓	In place and secured.
8	Outer Boom (pins, bushes, locks)	✓	Locked in place with circlips and in satisfactory condition.
9	Extending Booms (wear pads)	✓	No uneven or excessive wear noted. Satisfactory.
10	Hooks & Hook attachments	✓	8ton SWL hook, good condition.
11	Ropes (terminations, length)	NA	
12	Sheaves	NA	
13	Hydraulic Tank & Hoses	✓	No Leaks or damage, good condition.
14	Other	✓	Over luffing alarm tested and operating satisfactory.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos: Crane year mfg. 2016. Serial no. 100328946.



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

Expiry Date: 4/08/2023

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



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Crane Certificate of Inspection



Client:	Agtrans Ltd.	Job Number:	J11886-SI01
Controller:	Phill/CJ	Date of Inspection:	4/08/2022
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	SIS128032
Equipment ID:	KTF 616	Safe Working Load:	9400kg (Max)
Equipment Desc:	2017 Mercedes/ PK 33002-EH E	Manufacturer:	2016 Palfinger
Purpose:	Truck loading /unloading	Crane Type:	Truck Mounted
Location:	New Zealand Wide	Serial Number:	100328946
		Date of Expiry:	4/08/2023
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.			
Equipment Inspector:	A.Winch	IANZ Signatory:	P.Hudson
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