

Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J7802-S103	Inspection Date:	08/05/2020
Client / Equipment Holder:	Agtrans Ltd	Contact Person:	Phil / CJ
Address:	24 Fitzgerald Lane, Hawera.	Contact Number:	0800 AGTRANS / 027 278 6770
Type:	Crawler crane	Boom Configuration:	Knuckle Boom
Official Number:	SIS128003	Rating Sheet:	Posted on crane
Client ID:	Crawler Crane	Capacity:	As per rating chart (Max 8.0tons).
Manufacturer:	Palfinger PK40002-EH	Hoist Rope Diameter:	n/a
SWL Indicator Type:	Alarms & Cut-outs	Hooks SWL:	11.5 ton
Vehicle Type:	2006 Caterpillar 312C Crawler	Registration:	FCD 987

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Clearly marked.
2	Maintenance Records	✓	Satisfactory order.
3	Load Radius Rating Chart (English)	✓	Posted on crane. Satisfactory.
4	LT 400 (Only on First Inspection)	n/a	

OPERATIONAL

1	Overload Protection System	✓	Alarms & cut-outs tested satisfactorily. 90% alarm and 100% cut out.
2	Anti – Two Block (recommended)	n/a	
3	Load Holding Valves (if required)	✓	Satisfactory order.
4	Load Test	✓	2.4t at 10.5m radius over rear – cut out and alarm. Within load chart limits 2.4t at 6.5m over front- Cut out & alarm. Reduced operating area. Controlled by PLC
5	Stability Check (if required)	n/a	Self-programming function. Used to determine stability loading range.
6	Sag Rate	✓	No creep evident at rated load.
7	Stabiliser Check valves (if required)	✓	Fitted on all 4 spreader legs. Satisfactory order.
8	Hoist Winch	n/a	
9	Hydraulics	✓	Satisfactory.
10	Controls	✓	Pendant & remote wireless control for tractors, tested satisfactorily. Remote control for crane tested satisfactorily. E/stops for both in order.
11	Extensions (visible locks, position indicator)	✓	6 x hydraulic 1 x manual extensions, all satisfactory.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	All secured.
2	Crane Base (bolting, pins, bushes, locks)	✓	No anomalies noted.
3	Extension Beam(s) & Jacks	✓	4 x jacks and spreaders with stabilizer check valves. In good order.
4	Extensions (wear pads, locks)	✓	Satisfactory.
5	Slew Bearing / Slew bearing / Bolts	✓	Satisfactory.
6	Crane Body (bolting, pins, bushes, locks)	✓	All secured and in order.
7	Inner Boom (pins, bushes, locks)	✓	In order.
8	Outer Boom (pins, bushes, locks)	✓	In order
9	Extending Booms (wear pads)	✓	satisfactory
10	Hooks & Hook attachments	✓	Swivel hook, SWL 11.5 ton, satisfactory.
11	Ropes (terminations, length)	n/a	
12	Sheaves	n/a	
13	Hydraulic Tank & Hoses	✓	All, in good order.
14	Other	✓	Tractor and crane operation are controlled by wireless remote. In good order.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos:
Year mfg.2014. Serial no.100181769.



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

Expiry Date: 08/05/2021

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

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Crane Certificate of Inspection



Client: Agtrans Ltd. Address: 24 Fitzgerald Lane, Hawera. Controller: Phill / CJ Client ID: Crawler Crane Location: New Zealand Wide. Type / Description: Crawler Mounted Crane Vehicle Type / Reg: Caterpillar 312C / FCD 987. Crane Year / Serial no: 2014 / 100181769.	Job Number: J7802-SI03 Date Inspected: 08/05/2020 Official Number: SIS128003 Capacity: As per rating chart. Hoist Rope Diameter: n/a Hook SWL: 11.5 tonnes Manufacturer: Palfinger PK40002-EH Date of Expiry: 08/05/2021
<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: P. Hudson – IANZ Signatory.	

