

Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J13438-SI01	Inspection Date:	26/04/2023
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 (Max) derates crane from 12200kg
Vehicle Type:	2006 Caterpillar 312C Crawler	Registration:	FCD 987

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Company logo clearly marked. Satisfactory.
2	Maintenance Records	✓	"Agtrans" own maintenance team. Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK40002-EH E by manual controls in satisfactory condition.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

1	Overload Protection System	✓	Alarms and cut-outs tested including over luffing operating satisfactory.
2	Anti – Two Block (recommended)	N/A	
3	Load Holding Valves (if required)	✓	Good working condition.
4	Load Test	✓	Tested using 3090kg warning at 7.8m and cut-out at 9.0m as per chart and tape measure. (Tested over back of crawler crane)
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	At load testing no creep noted. Satisfactory.
7	Stabiliser Check valves (if required)	✓	On all 4 spreader legs. Satisfactory working order.
8	Hoist Winch	C	Not connected at inspection – Replace Dead end before use as damaged.
9	Hydraulics	C	Tubing on extensions damaged – recommend maintenance.
10	Controls	C	Remote operating satisfactory. E/stops tested and repaired at inspection.
11	Extensions (visible locks, position indicator)	✓	6 x hyd. and 1 x manual extensions. Satisfactory condition.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops secure and satisfactory condition.
2	Crane Base (bolting, pins, bushes, locks)	✓	Studs and double nuts secure and serviceable condition.
3	Extension Beam(s) & Jacks	✓	Front and rear beams. Satisfactory condition. LEDs and reflective tapes fitted.
4	Extensions (wear pads, locks)	✓	Serviceable condition and secure.
5	Slew Bearing / Slew bearing / Bolts	✓	Satisfactory condition with no excessive wear noted.
6	Crane Body (bolting, pins, bushes, locks)	✓	In place and locked in position and secured.
7	Inner Boom (pins, bushes, locks)	✓	Secured and in satisfactory condition.
8	Outer Boom (pins, bushes, locks)	✓	Locked by circlips and fixings. Satisfactory.
9	Extending Booms (wear pads)	✓	No concerns serviceable condition.
10	Hooks & Hook attachments	✓	SWL 11.5 ton and clasp. Shackle 11.0ton SWL. Satisfactory.
11	Ropes (terminations, length)	C	Rope on hoist winch hook dead end damaged, needs maintaining before use
12	Sheaves	N/A	
13	Hydraulic Tank & Hoses	C	Minor tubing damage noted, in serviceable condition.
14	Other	C	Loose track bolting noted – tightened at inspection.

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: 03/05/2024

Equipment Inspector: Alan Winch	Reviewed By:
A.Winch – Authorised Signatory	C.Darling



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Crane Certificate of Inspection



Client:	Agtrans Limited	Job Number:	J13438-SI01
Controller:	Phill / CJ	Date of Inspection:	26/04/2023
Controller's Address:	24 Fitzgerald Lane Hawera Taranaki	Official Number:	SIS128003
Equipment ID:	Crawler Crane - Reg: FCD 987	Safe Working Load:	11.5 Tonnes (Max)
Equipment Desc:	Caterpillar 312C/PK40002-EH	Manufacturer:	Palfinger - 2014
Purpose:	Customer lifting requirements	Crane Type:	Crawler-Knuckleboom
Location:	New Zealand Wide	Serial Number:	100181769
		Date of Expiry:	3/05/2024
<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	Authorised Signatory:	A.Winch
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