

Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J20838-SI01	Inspection Date:	17/04/2025
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:	8.0t As per rating chart (Max 12,200kg)
Manufacturer:	Palfinger PK40002-EH	Hoist Rope Diameter:	N/A
SWL Indicator Type:	Alarms & Cut-outs	Hooks SWL:	11.5ton (Max) derates crane from 12,200kg
Vehicle Type:	2006 Caterpillar 312C Crawler	Registration:	FCD 987

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Clearly marked and identified. Satisfactory.
2	Maintenance Records	✓	Verbal update on new tracks and maintenance. (2078hrs)Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK40002-EH E, Satisfactory condition.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

5	Overload Protection System	✓	Over luffing and lifting alarms, cut-outs tested. Operating satisfactory.
6	Load Holding Valves (if required)	✓	Satisfactory.
7	Load Test	✓	Using 3080kg warning 7.8m and cut-out at 9.1m over front of crane.
8	Sag Rate	✓	No sag during load testing noted. Satisfactory.
9	Stabiliser Check valves (if required)	✓	On all 4 spreader legs. Satisfactory working order.
10	Hoist Winch	C	Winch and rope to be inspecting by competent person before use.
11	Hydraulics	✓	Tubing and hoses in serviceable condition.
12	Controls	✓	Remote satisfactory. 2 x E-stops on crane tested and working, 3 x E-stops on crawler unit shuts down engine.
13	Extensions (visible locks, position indicator)	✓	6 x hyd. and 1 x man. Satisfactory condition.

CONDITION

14	Crane Mounting (base stops, spacers)	✓	Welded base stops secure. Satisfactory condition.
15	Crane Base (bolting, pins, bushes, locks)	✓	Fixings in good condition and secure. Satisfactory condition.
16	Extension Beam(s) & Jacks	✓	Satisfactory working condition fitted with LEDs and reflective tapes.
17	Extensions (wear pads, locks)	C	Serviceable condition and secure with minor wear noted.
18	Slew Bearing / Slew bearing / Bolts	C	Minor wear. Serviceable condition.
19	Crane Body (bolting, pins, bushes, locks)	C	Serviceable condition and secure with minor wear noted.
20	Inner Boom (pins, bushes, locks)	✓	Locked in position and secure. Satisfactory condition.
21	Outer Boom (pins, bushes, locks)	C	Fixings and circlips in place with minor pin wear noted. Serviceable.
22	Extending Booms (wear pads)	✓	No uneven or excessive wear noted. Serviceable.
23	Hooks & Hook attachments	✓	SWL 11.5 ton and clasp. Shackle 11.0ton SWL. Satisfactory.
24	Ropes (terminations, length)	C	Rope on winch requires inspection by competent person before use.
25	Tracks	C	Recent track maintenance. Satisfactory condition.
26	Hydraulic Tank & Hoses	C	Serviceable condition.
27	Other	C	Some rust on chassis noted. Recommend maintenance.

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: 30/04/2026

Equipment Inspector: Alan Winch	Reviewed By: Mark Bright
A.Winch – Authorised Signatory	M.Bright



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Actions		Priority
Action		
Item 10, 24: Before Winch and rope is used it is recommended to be inspected by competent person.		R
Item 17, 18,19, 21: Minor wear noted and is recommended to be monitored for further wear and condition.		R
Item 27: Rust noted in places on crane chassis and structure – Recommend paint maintenance		R
Priority:	M Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection			
Client:	Agtrans Limited	Job Number:	J20838-SI01
Controller:	Phill / CJ	Date of Inspection:	17/04/2025
Controller's Address:	24 Fitzgerald Lane Hawera Taranaki	Official Number:	SIS128003
Equipment ID:	Crawler Crane - Reg: FCD 987	Safe Working Load:	8.0 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:	30/04/2026
<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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