

Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J15976-SI03-Rev 01	Inspection Date:	24/05 2024 Reinspected 06/06/2024
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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:	SIS128050	Rating Sheet:	Posted on crane
Client ID:	LHN 548	Capacity:	As per rating chart (max 8000kg).
Manufacturer:	Palfinger PK40002-EH	Hoist Rope Diameter:	10.0mmØ (Noted damaged – Not to be used)
SWL Indicator Type:	Alarm and cut-out	Hooks SWL:	11.5 tonne
Vehicle Type:	2011 Hino	Registration:	LHN 548

Revision details: Previous report contained failed items that have now been fixed. See report J15896 24/05/2024

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Company logo and Registration. Satisfactory.
2	Maintenance Records	✓	Agtrans maintenance team. Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK40002-EH E - At controls. Satisfactory condition
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

1	Overload Protection System	✓	Cut out and alarm checked at load test
2	Anti – Two Block (recommended)	N/A	
3	Load Holding Valves (if required)	✓	During load testing holding with no concerns. Satisfactory.
4	Load Test	✓	Tested using 3100kg, warning alarm at radius 8.4m and cut out at 9.3 as per chart and tape.
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	No creep noted at load testing. Satisfactory.
7	Stabiliser Check valves (if required)	✓	Satisfactory working condition.
8	Hoist Winch	C	Noted attached to Boom not in service and not inspected – Requires replacement rope and inspection by competent person before being used.
9	Hydraulics	✓	Satisfactory condition with no concerns noted.
10	Controls	✓	E-Stops tested all functioning. Remote controls operating satisfactory.
11	Extensions (visible locks, position indicator)	✓	Front and rear extension beam locks and indicators. Satisfactory condition.

CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops secured. Satisfactory condition.
2	Crane Base (bolting, pins, bushes, locks)	✓	Studs and fixings secure and in good serviceable condition.
3	Extension Beam(s) & Jacks	✓	Front and rear 4 x fully hyd. LED lights fitted. Satisfactory condition.
4	Extensions (wear pads, locks)	✓	Serviceable condition and even wear noted. Satisfactory.
5	Slew Bearing / Slew bearing / Bolts	✓	Secure and Minor wear only noted. Satisfactory.
6	Crane Body (bolting, pins, bushes, locks)	✓	Securely locked in place. Satisfactory condition.
7	Inner Boom (pins, bushes, locks)	✓	Good condition and secure with no concerns noted.
8	Outer Boom (pins, bushes, locks)	✓	Satisfactory condition and well secured.
9	Extending Booms (wear pads)	✓	6 x hyd. and 1 x man. Good condition with no concerns all secured.
10	Hooks & Hook attachments	C	11.5t SWL hook. Satisfactory. Client deburred D shackle at inspection.
11	Ropes (terminations, length)	C	Hoist rope damaged, requires replacement and full inspection before use.
12	Sheaves	N/A	
13	Hydraulic Tank & Hoses	✓	No leaks or concerns noted. Satisfactory condition.
14	Other	✓	Crane year, 2017. Serial no. 100408533.



LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable



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

Expiry Date: 06/06/2025

Equipment Inspector: Alan Winch/M.Bright	Reviewed By:
A. Winch – Authorised Signatory 	P. Hudson 

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Crane Certificate of Inspection



Client:	Agtrans Ltd	Job Number:	J15976-SI03
Controller:	Phill / CJ	Date of Inspection:	06/06/2024
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	SIS128050
Equipment ID:	LHN 548	Safe Working Load:	8.0Tonnes (Max)
Equipment Desc:	Hino 2011 / PK4002-EH	Manufacturer:	Palfinger -2017
Purpose:	Truck loading and unloading	Crane Type:	Truck Mounted
Location:	New Zealand Wide	Serial Number:	100408533
		Date of Expiry:	6/06/2025

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/M. Bright	Authorised Signatory:	A. Winch	 No. 128
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