

Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J21545-SI01	Inspection Date:	16/07/2025
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

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	ID tag on base of crane and company logo and Registration. Satisfactory.
2	Maintenance Records	✓	Agtrans own inhouse maintenance. Satisfactory condition.
3	Load Radius Rating Chart (English)	✓	Chart PK40002-EH E - At both sets of controls in good condition.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

5	Overload Protection System	✓	Tested – Audible alarm and Cut out operated during load testing.
6	Anti – Two Block (recommended)	N/A	
7	Load Holding Valves (if required)	✓	Holding satisfactory during all testing.
8	Load Test	✓	Using 3090kg test weight, warning at radius 7.8m with cut out at 8.1 as per chart and tape measure.
9	Stability Check (if required)	N/A	
10	Sag Rate	✓	During load testing no sag noted. Satisfactory.
11	Stabiliser Check valves (if required)	✓	Satisfactory.
12	Hoist Winch	C	Noted attached to Boom, not being used and not inspected. – Requires inspection by competent person before being used.
13	Hydraulics	C	Damaged tubing on RHS rear jack. Minor ram seal leak noted. Serviceable.
14	Controls	✓	3 x E-Stops, 1 x Remote controls and 2 x manual. Satisfactory.
15	Extensions (visible locks, position indicator)	✓	Front and rear extension beams, locks and indicators on rear. Satisfactory.

CONDITION

16	Crane Mounting (base stops, spacers)	✓	Base stops secure and welds intact. Satisfactory condition.
17	Crane Base (bolting, pins, bushes, locks)	✓	Studs and fixings in good condition and secure. Satisfactory.
18	Extension Beam(s) & Jacks	✓	Front and rear in good serviceable condition. Satisfactory.
19	Extensions (wear pads, locks)	✓	Serviceable condition with no concerns noted.
20	Slew Bearing / Slew bearing / Bolts	C	Minor service wear noted. Satisfactory condition.
21	Crane Body (bolting, pins, bushes, locks)	✓	Locked in place and secure. Satisfactory condition.
22	Inner Boom (pins, bushes, locks)	✓	Secure with no concerns noted. Satisfactory.
23	Outer Boom (pins, bushes, locks)	✓	Satisfactory condition and well secured.
24	Extending Booms (wear pads)	✓	6 x hyd. With no concerns noted. Satisfactory.
25	Hooks & Hook attachments	C	11.5t SWL hook. And D shackle, both showing minor wear. Serviceable.
26	Ropes (terminations, length)	C	Hoist rope to be fully inspected by competent person before being used.
27	Sheaves	N/A	
28	Hydraulic Tank & Hoses	✓	Satisfactory condition.
29	Other	C	RHS Rear beam jack – LED lights not operating.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments/Photos: Crane year, 2017. Serial no. 100408533.



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

Expiry Date: 31/07/2026

Equipment Inspector: Alan Winch	Reviewed By: Mark Bright
Alan Winch – Authorised Signatory	Mark Bright
	ISSUE DATE: 18/07/2025

Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Actions			
Action			Priority
Item 12 and 26: Winch attached to Boom at time of inspection and not being used indicated by driver.– Requires inspection by competent person before being used again as well as hoist rope to be fully inspected before being used.			R
Item 13: Hydraulic tubing damaged on Right Hand side rear Jack. – To be replaced before next annual inspection			M
Item 20: Minor service wear noted on slew bearing – recommend packing with grease			R
Item 25: Hook and D shackle attachment showing wear – Monitor for further wear and replace if becomes excessive			R
Item 29: LED lights on right hand rear jack not working, possibly from same incident involving the hydraulic tube to the jack being damaged – recommend renewing and have these lights working again before next annual inspection.			M
Priority:	M	Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection		SENTINEL INSPECTION SERVICES LTD.	
Client:	Agtrans Ltd	Job Number:	J21545-SI01
Controller:	Phill / CJ	Date of Inspection:	16/07/2025
Controller's	24 Fitzgerald Lane, Hawera	Official Number:	SIS128050
Address:	Taranaki	Safe Working Load:	8.0Tonnes (Max)
Equipment ID:	LHN 548	Manufacturer:	Palfinger -2017
Equipment Desc:	Hino 2011 / PK4002-EH	Crane Type:	Truck Mounted
Purpose:	Truck loading and unloading	Serial Number:	100408533
Location:	New Zealand Wide	Date of Expiry:	31/07/2026
<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:	Alan Winch	Authorised Signatory:	Alan Winch
Sentinel Inspection Services Ltd. is an IANZ Accredited Inspection Body		www.sentineltd.co.nz	
All enquires phone (06) 281 1302		 No. 128	