

Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J24430-SI01	Inspection Date:	22/07/2026
Client / Equipment Holder:	Agtrans Ltd	Contact Person:	Logan
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 (To be inspected before being 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 plate fitted to mast, logo and vehicle registration. Satisfactory.
2	Maintenance Records	✓	(245.1hours.) Agtrans own maintenance team. Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK40002-EH E – In good condition at both sets of controls.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

5	Overload Protection System	✓	Cut outs and audible alarms tested and all working correctly. Satisfactory.
6	Anti – Two Block (recommended)	N/A	
7	Load Holding Valves (if required)	✓	Satisfactory holding during load testing.
8	Load Test	✓	Using 3090kg test weight, warning at radius 8.1m with cut out at 8.9m as per chart and tape measure.
9	Stability Check (if required)	N/A	
10	Sag Rate	✓	No sag noted during all load testing. Satisfactory.
11	Stabiliser Check valves (if required)	✓	No concerns noted. Satisfactory.
12	Hoist Winch	C	Fitted to Boom but not set up or inspected. To be inspected by competent person before being used.
13	Hydraulics	C	Ram seals and tube fittings leaking, tubing clashes to remedy. Serviceable.
14	Controls	✓	1 x ESD on Remote control and 2 x manual ESD all tested and working.
15	Extensions (visible locks, position indicator)	✓	Front, rear ext. beams, locks and position indicators in good condition.

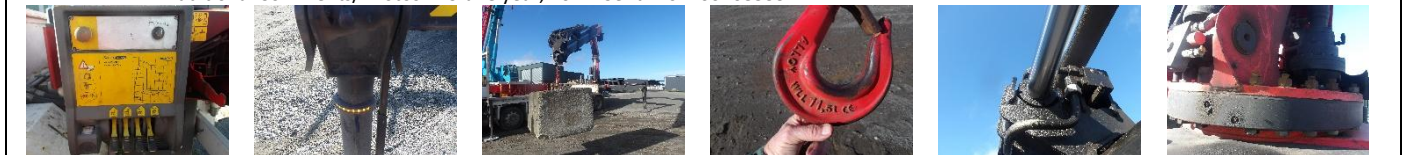
CONDITION

16	Crane Mounting (base stops, spacers)	✓	Welded base stops, secured. Satisfactory condition.
17	Crane Base (bolting, pins, bushes, locks)	✓	Double nut fixings and studding secure. Satisfactory condition.
18	Extension Beam(s) & Jacks	✓	Front and rear beams in good condition. Satisfactory.
19	Extensions (wear pads, locks)	✓	No concerns noted, secure and serviceable condition.
20	Slew Bearing / Slew bearing / Bolts	C	Minor wear noted, not concerning. Serviceable condition.
21	Crane Body (bolting, pins, bushes, locks)	✓	Pins locked in place and secure. Satisfactory condition.
22	Inner Boom (pins, bushes, locks)	C	Secured with minor wear and movement, not concerning. Serviceable.
23	Outer Boom (pins, bushes, locks)	✓	Locked and secured, with no concerns noted. Satisfactory condition.
24	Extending Booms (wear pads)	✓	6 x hyd. With no uneven or excessive wear noted. Satisfactory.
25	Hooks & Hook attachments	✓	11.5t SWL hook. And shackle in good serviceable condition.
26	Ropes (terminations, length)	C	Hoist rope to be inspected by competent person before being used.
27	Sheaves	N/A	
28	Hydraulic Tank & Hoses	✓	No concerns noted. Satisfactory condition.
29	Other	C	Storage bracket on mast showing wear and burrs. Serviceable condition.

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: 31/07/2027

Equipment Inspector: Alan Winch	Reviewed By: Mark Bright
Alan Winch – Authorised Signatory 	M.Bright ISSUE DATE: 23/07/2026

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Actions	
Action	Priority
Item 12 and 26: Winch attached to Boom at time of inspection but not set up or tested at time of inspection as indicated by driver that it is not used. – Recommended to be inspected by competent person before being used as well as hoist rope to be fully inspected before being used.	R
Item 13: Ram seals and ram tubing fittings leaking. Ram tubing clashing with head of bolt to be separated before rubbing hole through tube. Noted damaged tubing on RHS rear jack still not repaired. Please action these items before next annual inspection.	M
Item 20: Minor service wear noted on slew bearing – Recommend to continue monitoring and packing with grease	R
Item 29: Stowage bracket (Plate) on mast of crane has sharp burr and wear hollow on top surface. – Sharp burr to be removed.	M
NOTE: At time of inspection during initial unfolding of the crane. It was noted that the rams and extension booms had sagged with full weight onto the stowage bracket on the mast and nearly lowered the crane booms onto the lower section of the crane structure. The weight has caused a hollow in the stowage bracket. It is highly likely to be the leaking ram seals and fittings that are causing the crane to sag onto the bracket which if not corrected will likely cause pin wear. This wear will not be from crane use, but the travelling on road and the vibrations. Highly recommend that the leaks be rectified and that the stowage bracket is built back up to normal height.	R
Priority: M Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection		SENTINEL INSPECTION SERVICES LTD.	
Client:	Agtrans Ltd	Job Number:	J24430-SI01
Controller:	Phill / CJ	Date of Inspection:	22/07/2026
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:	31/07/2027
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: Alan Winch		Authorised Signatory: Alan Winch	
Sentinel Inspection Services Ltd. is an IANZ Accredited Inspection Body All enquires phone (06) 281 1302		www.sentineltd.co.nz	
		 No. 128	