

# Truck Mounted Crane Inspection Report



(Knuckle Boom & Straight Boom)

<b>Job &amp; Report Number:</b>	J21101-SI01	<b>Inspection Date:</b>	28/05/2025
<b>Client / Equipment Holder:</b>	Agtrans Ltd	<b>Contact Person:</b>	Phill / CJ
<b>Address:</b>	24 Fitzgerald Lane, Hawera.	<b>Contact Number:</b>	0800 AGTRANS / 027 278 6770
<b>Type:</b>	Truck Mounted Crane	<b>Boom Configuration:</b>	Knuckle Boom
<b>Official Number:</b>	ST.01250621	<b>Rating Sheet:</b>	Posted on crane
<b>Client ID:</b>	NQA 333	<b>Capacity:</b>	15,000kg (Max)
<b>Manufacturer:</b>	Palfinger – PK53002-SH F	<b>Hoist Rope Diameter:</b>	9.0mm (Not attached at time of inspection)
<b>SWL Indicator Type:</b>	Audio alarms & Cut-outs	<b>Hooks SWL:</b>	11.5 tonne
<b>Vehicle Type:</b>	2021 Mercedes Actros	<b>Registration:</b>	NQA 333

## GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Clearly visible company signwriting. Satisfactory.
2	Maintenance Records	✓	Maintained in house by Agtrans technicians. Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK53002-SH F – Posted near controls. Satisfactory condition.
4	LT 400 (Only on First Inspection)	N/A	

## OPERATIONAL

1	Overload Protection System	✓	Audio alarms, visual display & cut-outs. Tested and working satisfactorily.
2	Anti – Two Block (recommended)	N/A	
3	Load Holding Valves (if required)	✓	Holding during load testing. No concerns.
4	Load Test	✓	Tested using 4000kg, 90% warning at 9.7m, 100% Cut out 11m. Correct according to chart and tape.
5	Stability Check (if required)	N/A	
6	Sag Rate	✓	No creep noted during load testing. Satisfactory.
7	Stabiliser Check valves (if required)	✓	Fitted and in satisfactory order.
8	Hoist Winch	C	<b>Not attached at time of inspection. Must be inspected by competent person before being used. Circlip missing from rope guide pulley pin.</b>
9	Hydraulics	C	<b>Hydraulic tubing separated at time of inspection.</b>
10	Controls	✓	3x E-Stops tested. All controls working satisfactorily.
11	Extensions (visible locks, position indicator)	✓	Front and rear extension beams. Satisfactory condition with locks and position indicators.

## CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops in place and secure. Satisfactory.
2	Crane Base (bolting, pins, bushes, locks)	✓	All studs and fixings secure. Satisfactory condition.
3	Extension Beam(s) & Jacks	C	<b>Hydraulic front and rear. LF LED not working otherwise in good condition.</b>
4	Extensions (wear pads, locks)	✓	No noted wear. Satisfactory condition.
5	Slew Bearing / Slew bearing / Bolts	✓	Bolting secure. Slew action smooth. Satisfactory condition.
6	Crane Body (bolting, pins, bushes, locks)	✓	Locked in place and secure. Satisfactory.
7	Inner Boom (pins, bushes, locks)	✓	No noted wear. Secure. Satisfactory.
8	Outer Boom (pins, bushes, locks)	✓	Circlips in place and secure. Satisfactory condition.
9	Extending Booms (wear pads)	✓	7 x hyd. Extensions with no excessive or uneven wear noted. Satisfactory.
10	Hooks & Hook attachments	C	<b>11.5t SWL. Burr on shackle.</b>
11	Ropes (terminations, length)	C	<b>9.0mm not inspected as not attached – to be inspected by competent person before use.</b>
12	Sheaves	✓	Sheaves require inspection before being put into use.
13	Hydraulic Tank & Hoses	✓	Tidy condition with no concerns.
14	Other	C	<b>Fly gib not attached at time of inspection. Must be inspected by competent person before being used.</b>

## LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos: Serial Number: 100508244; Crane year, 2019.



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

# Truck Mounted Crane Inspection Report

(Knuckle Boom & Straight Boom)



Expiry Date: 31/05/2026

Equipment Inspector: Mark Bright/ Alan Winch		Reviewed By:	
A.Winch – Authorised Signatory		Alan Winch	Issue Date:28-05-2025

Actions		Priority
Item 8 Operational and 10 Condition- Hoist winch and rope to be inspected by competent person before being put back into service.		M
Item 9 Operational- Monitor hydraulic tubes fouling against other crane components, causing wear.		R
Item 3 Condition- Repair LED light on left front stabiliser leg.		R
Item 10 Condition- Remove burr from hook shackle.		M
Item 14 Condition- Fly Gib to be inspected by competent person before use.		R
Priority: M	Mandatory by certificate expiry	R Recommendation

<b>Crane Certificate of Inspection</b>			
Client:	Agtrans Ltd	Job Number:	J21101-SI01
Controller:	Phill / CJ	Date of Inspection:	28/05/2025
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	ST.01250621
Equipment ID:	NQA 333	Safe Working Load:	11,500kg (Hook SWL)
Equipment Desc:	2019 Palfinger PK53002-SH	Manufacturer:	Palfinger - 2019
Purpose:	Truck loading and unloading	Crane Type:	Truck Mounted
Location:	New Zealand Wide	Serial Number:	100508244
		<b>Date of Expiry:</b>	<b>31/05/2026</b>
<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: <b>M.Bright/A.Winch</b>		IANZ Signatory: <b>A.Winch</b>	
Sentinel Inspection Services Ltd. is an IANZ Accredited Inspection Body All enquires phone (06) 281 1302		www.sentineltd.co.nz	
		 No. 128	

# Spreader Bar – Statement of Condition



<b>Job &amp; Report Number:</b>	J21101-S103	<b>Inspection Date:</b>	28/05/2025
<b>Client / Equipment Holder:</b>	Agtrans Ltd	<b>Contact Person:</b>	Phill / CJ
<b>Address:</b>	24 Fitzgerald Lane, Hawera	<b>Contact Number:</b>	0800 AGTRANS / 027 278 6770
<b>Type:</b>	Crane - Spreader Beam	<b>Boom Configuration:</b>	Extendable Beam
<b>Client ID:</b>	8000kg - NQA 333	<b>Capacity:</b>	8000kg SWL
<b>Manufacturer:</b>	Gary Douglas Engineering	<b>Build Code:</b>	BS2573 and AS3990

## GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Information on I.D plate. Satisfactory.
2	SWL Marked	C	<b>Weathered but visible, stencilled on beam.</b>
3	Main Structure – Body	✓	No noted damage, major rust or concerns.
4	Secondary Structure – Extensions	✓	No deformation or corrosion noted.
5	Lifting Points	C	<b>Minor wear noted around lifting lug holes, not concerning.</b>
6	Welds	✓	No concerns noted. Satisfactory.
7	Clips and pins - Extensions	✓	In place with locking clips to secure.
8	Paint Condition	C	<b>Few scuffs and chips, serviceable condition.</b>
9	Truck Attachments	✓	Pins secure with safety clips in place.
10	Bar mounts on truck.	✓	Sits in cradle welded to truck. Satisfactory.

## LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	n/a	Not Applicable

Additional Comments / Photos: Serial Number: GDE-J22541



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

**Expiry Date: 31/05/2026**

Equipment Inspector: Alan Winch/Mark Bright	Reviewed By:
A.Winch – Cranes A, C (CBIP-10617)	Issue Date:28-05-2025

# Spreader Bar - Statement of Condition



Actions		Priority
Action		
Item 2- Re-label SWL		R
Item 2- Monitor wear at lifting lug holes.		R
Item 8- Perform paint maintenance.		R
Priority:	M Mandatory by certificate expiry	R Recommendation

<b>Spreader Beam - Statement of Condition</b>			
Client:	Agtrans Ltd	Job Number:	J212101-SI03
Controller:	Phill / CJ	Date of Inspection:	28/05/2025
Controller's Address:	24 Fitzgerald Lane Hawera, Taranaki	Safe Working Load:	8000kg
Equipment ID:	8000kg – NQA 333	Manufacturer:	Gary Douglas Engineering
Equipment Desc:	Extendable Spreader Beam	Spreader Type:	Extendable
Purpose:	Loading and unloading truck	Serial Number:	GDE-J22541
Location:	New Zealand Wide	<b>Date of Expiry:</b>	<b>28/05/2026</b>
<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:	M.Bright/A.Winch - Cranes A,C CBIP-10617		
All enquires phone (06) 281 1302		www.sentineltd.co.nz	