## Truck Mounted Crane Inspection Report



(Knuckle Boom & Straight Boom)

Contact Person   Phill										
Type: Truck Mounted Crane Official Number: C202514 Rating Sheet: Posted on crane Client ID: C1 225514 Rating Sheet: Posted on crane Carbon Ca	JOD & KE	eport Number	:   J.	11535-SI01		Insp	ection Date:	03	δ/U0/2U22	
Type: Truck Mounted Crane Official Number: C202514 Rating Sheet: Posted on crane Client ID: C1 225514 Rating Sheet: Posted on crane Carbon Ca	o: . / .							- 51	:II / 61	
Truck Mounted Crane   Boom Configuration:   Knuckle Boom Cofficial Number: 6220514   Rating Sheet: Posted on crane   Posted on crane   Rating Sheet: Posted on crane   Posted on crane   Rating Sheet: Posted on crane   Ra			older:	-	-			_	·	
Official Number:         C220514         Rating Sheet:         Posted on crane           Client ID:         CIL 283         Capacity:         As per rating chart (max.15000kg).           Manufacturer:         Palfinger PK 53002-SH         Hoist Rope Diameter:         n/a           SWI Indicator Type:         2004 Mercedes Benz         Registration:         CIL 283           GENERAL           Number         Check         Assessment         Comments           1         ID Number Visible         ✓ Crane marked clearly.           2         Maintenance Records         ✓ Agrans maintenance team. Satisfactory.           3         Load Radius Rating Chart (English)         ✓ Chart-PK53002-SHF-Posted at manual controls. Satisfactory.           4         LT 400 (Only on First Inspection         N/A           2         Anti – Two Block (recommended)         N/A           3         Load Rest (recommended)         N/A           4         Load Holding Valves (if required)         ✓ At load testing, good order.           5         Stability Check (if required)         ✓ At load testing, good order.           6         Sag Bate         ✓ At load test, no creep noted at rated load and radius.           7         Stability Check (if required)         ✓ A load test, no creep noted at rated load and radi	Address:			24 Fitzgerald Lane, Hawer	a.	Cont	tact Number:	08	300 AGTRANS / 027 278 6770	
Official Number:         C220514         Rating Sheet:         Posted on crane           Client ID:         CIL 283         Capacity:         As per rating chart (max.15000kg).           Manufacturer:         Palfinger PK 53002-SH         Hoist Rope Diameter:         n/a           SWI Indicator Type:         2004 Mercedes Benz         Registration:         CIL 283           GENERAL           Number         Check         Assessment         Comments           1         ID Number Visible         ✓ Crane marked clearly.           2         Maintenance Records         ✓ Agrans maintenance team. Satisfactory.           3         Load Radius Rating Chart (English)         ✓ Chart-PK53002-SHF-Posted at manual controls. Satisfactory.           4         LT 400 (Only on First Inspection         N/A           2         Anti – Two Block (recommended)         N/A           3         Load Rest (recommended)         N/A           4         Load Holding Valves (if required)         ✓ At load testing, good order.           5         Stability Check (if required)         ✓ At load testing, good order.           6         Sag Bate         ✓ At load test, no creep noted at rated load and radius.           7         Stability Check (if required)         ✓ A load test, no creep noted at rated load and radi	Tomas		Tarrelo	Manustad Crans		Dee	Configuration		Maurilla Da ara	
Client ID:   C.I. 283								n:		
Manufacturer: Palfinger PK 53002-SH Hooks SWL: 11.5 ton SWL Vehicle Type: 2004 Mercedes Benz Hooks SWL: 11.5 ton SWL  SENERAL    Number										
SWL Indicator Type:   Alarms & Cut-outs   Registration:   CLI 283							· · · · · · · · · · · · · · · · · · ·			
Comments			-			· · · · · · · · · · · · · · · · · · ·		er.		
Number   Check	•									
Number   Check	venicie	туре.	2007 IVICICCUES DEIIZ			itegi	Registration.		CL 203	
Number   Check					GF	NFRAL				
1 ID Number Visible	Number			Check						
Maintenance Records	IVamber			CITCON	Assessment				comments	
Maintenance Records	1	ID Number	Visihle		<b>√</b>	Crane	marked clearly			
Load Radius Rating Chart (English)						·				
Transport   Tran										
OPERATIONAL  Overload Protection System C Cut-out operated satisfactory – Agtrans team working on fixing alarm  Anti – Two Block (recommended) N/A Load Holding Valves (if required)  At load testing, good order.  Tested using 3090kg load. Cut-out at 10.1 meters. Safe side of chart and measure. – Agtrans team working on fixing alarm  N/A  Stability Check (if required) N/A Stabiliser Check valves (if required) At load test, no creep noted at rated load and radius. On all 4 legs. Satisfactory working order.  Hydraulics On all 4 legs. Satisfactory working order.  Tidy condition. Satisfactory.  Tidy condition. Satisfactory. E-stops tested and functioning.  Tontrols  Torane Mounting (base stops, spacers) Crane Base (bolting, pins, bushes, locks) Slew Bearing / Slacks A text. with reflective and LED lights. Satisfactory.  Extensions (wear pads, locks) Slew Bearing / Slots be bearing / Bolts Crane Body (bolting, pins, bushes, locks) Forward Base stops good, LHS and RHS being worked on by Agtrans team (and in good order.  Extensions (wear pads, locks) Slew Bearing / Slew bearing / Bolts Serviceable condition, no uneven wear. Satisfactory.  Serviceable condition, in good order.  Crane Body (bolting, pins, bushes, locks) Slew Bearing / Slew bearing / Bolts Secured and all in place.  Secured and all in place.  Extending Booms (wear pads) Serviceable condition. Satisfactory.  Extending Booms (wear pads) Serviceable condition. Satisfactory.  Serviceable condition. Satisfactory.  Serviceable condition. Satisfactory.  Hooks & Hook attachments Secured and all in place.  Serviceable condition. Satisfactory.  Tidy condition. Satisfactory.						Chart 1 K33002 3fff 1 Osted at Mandal controls. Satisfactory.				
1   Overload Protection System   C   Cut-out operated satisfactory – Agtrans team working on fixing alarm										
Anti – Two Block (recommended)   N/A	1									
Load Holding Valves (if required)						Cut out operated satisfactory Agricus team working on many diami				
Controls Crane Mounting (base stops, spacers) Crane Base (bolting, pins, bushes, locks) Crane Base (bolting, pins, bushes, locks) Crane Base (bolting, pins, bushes, locks) Crane Body (bolting, pins,						At lead testing good and a				
measure. Agtrans team working on fixing alarm						5, 5				
Stability Check (if required)  N/A  Sag Rate  ✓ At load test, no creep noted at rated load and radius.  On all 4 legs. Satisfactory working order.  Hoist Winch  Hydraulics  Tidy condition. Satisfactory.  Tidy condition. Satisfactory.  Manual, remote control. Satisfactory. E-stops tested and functioning.  To ext. All in good condition.  CONDITION  Crane Mounting (base stops, spacers)  Crane Base (bolting, pins, bushes, locks)  Extension Beam(s) & Jacks  Extensions (wear pads, locks)  Serviceable condition, no uneven wear. Satisfactory.  Secured and all in place.  Satisfactory order.  Secured and all in place.  Satisfactory.  Secured and all in place.  Satisfactory order.  Secured and all in place.  Satisfactory.  Tidy condition. Satisfactory.  Tidy condition. Satisfactory.  Tidy condition. Satisfactory.  Year mfg. 2013. Serial no. 1001161820.  LEGEND	4	Load Test	Load Test		C	,				
6 Sag Rate	5	Stability Ch	eck (if required)		N/Δ	mease	iici Agaanst	- u	Working on tixing diditio	
7 Stabiliser Check valves (if required)  8 Hoist Winch  9 Hydraulics  10 Controls  11 Extensions (visible locks, position indicator)  12 Crane Mounting (base stops, spacers)  13 Extension Beam(s) & Jacks  4 Extensions (war pads, locks)  5 Slew Bearing / Slew bearing / Botts  6 Crane Body (bolting, pins, bushes, locks)  7 Inner Boom (pins, bushes, locks)  8 Outer Boom (pins, bushes, locks)  9 Extending Booms (wear pads)  10 Unter Boom (pins, bushes, locks)  11 Extensions (war pads)  12 Crane Mounting (base stops, spacers)  13 Extension Beam(s) & Jacks  4 Ext. with reflective and LED lights. Satisfactory.  5 Slew Bearing / Slew bearing / Botts  5 Serviceable condition, no uneven wear. Satisfactory.  6 Crane Body (bolting, pins, bushes, locks)  7 Inner Boom (pins, bushes, locks)  8 Outer Boom (pins, bushes, locks)  9 Extending Booms (wear pads)  9 Extending Booms (wear pads)  9 Extending Booms (wear pads)  10 Hooks & Hook attachments  11.5 tonne SWL hook, Satisfactory.  11 Ropes (terminations, length  N/A  12 Sheaves  N/A  13 Hydraulic Tank & Hoses  14 Other  16 Comment		-				At load test, no creep noted at rated load and radius.				
## Hoist Winch  ## Hydraulics  ## Hydraulics  ## Tidy condition. Satisfactory.  ## Manual, remote control. Satisfactory. E-stops tested and functioning.  ## Tidy condition. Satisfactory.  ## Manual, remote control. Satisfactory. E-stops tested and functioning.  ## Tx ext. All in good condition.  ## CONDITION    Controls		-				·				
9 Hydraulics   √ Tidy condition. Satisfactory.  10 Controls  ✓ Manual, remote control. Satisfactory. E-stops tested and functioning.  11 Extensions (visible locks, position indicator)  ✓ 7 x ext. All in good condition.  CONDITION  1 Crane Mounting (base stops, spacers)  C Forward base stops good, LHS and RHS being worked on by Agtrans team  2 Crane Base (bolting, pins, bushes, locks)  ✓ In place and in good order.  3 Extension Beam(s) & Jacks  ✓ 4 x Ext. with reflective and LED lights. Satisfactory.  4 Extensions (wear pads, locks)  ✓ Serviceable condition, no uneven wear. Satisfactory.  5 Slew Bearing / Slew bearing / Bolts  ✓ Smooth function, in good order.  6 Crane Body (bolting, pins, bushes, locks)  ✓ In place and secured. Satisfactory order.  7 Inner Boom (pins, bushes, locks)  ✓ Secured and all in place.  8 Outer Boom (pins, bushes, locks)  ✓ Setviceable condition. Satisfactory.  10 Hooks & Hook attachments  ✓ Serviceable condition. Satisfactory.  11 Ropes (terminations, length  N/A			` · · ·			Chair hegar autoractory working chach				
10 Controls						Tidy condition Satisfactory				
Tx ext. All in good condition.  CONDITION  1		-								
CONDITION  1 Crane Mounting (base stops, spacers) C Forward base stops good, LHS and RHS being worked on by Agtrans team  2 Crane Base (bolting, pins, bushes, locks) J In place and in good order.  3 Extension Beam(s) & Jacks 4 x Ext. with reflective and LED lights. Satisfactory.  4 Extensions (wear pads, locks) Serviceable condition, no uneven wear. Satisfactory.  5 Slew Bearing / Slew bearing / Bolts Smooth function, in good order.  6 Crane Body (bolting, pins, bushes, locks) J In place and secured. Satisfactory order.  7 Inner Boom (pins, bushes, locks) Secured and all in place.  8 Outer Boom (pins, bushes, locks) Satisfactory order.  9 Extending Booms (wear pads) Serviceable condition. Satisfactory.  10 Hooks & Hook attachments J 11.5 tonne SWL hook, Satisfactory.  11 Ropes (terminations, length N/A  12 Sheaves N/A  13 Hydraulic Tank & Hoses J Tidy condition. Satisfactory.  14 Other Vear mfg.2013. Serial no. 1001161820.  LEGEND  Acceptable C Comment					<b>√</b>	· · ·				
2 Crane Base (bolting, pins, bushes, locks)  3 Extension Beam(s) & Jacks  4 x Ext. with reflective and LED lights. Satisfactory.  4 Extensions (wear pads, locks)  5 Slew Bearing / Slew bearing / Bolts  6 Crane Body (bolting, pins, bushes, locks)  7 Inner Boom (pins, bushes, locks)  8 Outer Boom (pins, bushes, locks)  9 Extending Booms (wear pads)  10 Hooks & Hook attachments  11 Ropes (terminations, length  12 Sheaves  N/A  13 Hydraulic Tank & Hoses  ✓ Acceptable  ✓ Acceptable  ✓ Acceptable  ✓ In place and in good order.  4 x Ext. with reflective and LED lights. Satisfactory.  4 x Ext. with reflective and LED lights. Satisfactory.  4 x Ext. with reflective and LED lights. Satisfactory.  5 serviceable condition, no uneven wear. Satisfactory.  In place and secured. Satisfactory order.  Secured and all in place.  Secured and all in place.  Secured and all in place.  Serviceable condition. Satisfactory.  11.5 tonne SWL hook, Satisfactory.  11.5 tonne SWL hook, Satisfactory.  12 Sheaves  N/A  13 Hydraulic Tank & Hoses  ✓ Tidy condition. Satisfactory.  14 Other  ✓ Year mfg.2013. Serial no. 1001161820.		2/(0/10/0/10	(**********	Total position mandatory	CON				<del></del>	
2 Crane Base (bolting, pins, bushes, locks)  3 Extension Beam(s) & Jacks  4 x Ext. with reflective and LED lights. Satisfactory.  4 Extensions (wear pads, locks)  5 Slew Bearing / Slew bearing / Bolts  6 Crane Body (bolting, pins, bushes, locks)  7 Inner Boom (pins, bushes, locks)  8 Outer Boom (pins, bushes, locks)  9 Extending Booms (wear pads)  10 Hooks & Hook attachments  11 Ropes (terminations, length  12 Sheaves  N/A  13 Hydraulic Tank & Hoses  ✓ Acceptable  ✓ Acceptable  ✓ Acceptable  ✓ In place and in good order.  4 x Ext. with reflective and LED lights. Satisfactory.  4 x Ext. with reflective and LED lights. Satisfactory.  4 x Ext. with reflective and LED lights. Satisfactory.  5 serviceable condition, no uneven wear. Satisfactory.  In place and secured. Satisfactory order.  Secured and all in place.  Secured and all in place.  Secured and all in place.  Serviceable condition. Satisfactory.  11.5 tonne SWL hook, Satisfactory.  11.5 tonne SWL hook, Satisfactory.  12 Sheaves  N/A  13 Hydraulic Tank & Hoses  ✓ Tidy condition. Satisfactory.  14 Other  ✓ Vear mfg.2013. Serial no. 1001161820.	1									
3 Extension Beam(s) & Jacks   4 x Ext. with reflective and LED lights. Satisfactory.  4 Extensions (wear pads, locks)   5 Slew Bearing / Slew bearing / Bolts   6 Crane Body (bolting, pins, bushes, locks)   7 Inner Boom (pins, bushes, locks)   8 Outer Boom (pins, bushes, locks)   9 Extending Booms (wear pads)   10 Hooks & Hook attachments   11 Ropes (terminations, length	2									
4 Extensions (wear pads, locks) 5 Slew Bearing / Slew bearing / Bolts 6 Crane Body (bolting, pins, bushes, locks) 7 Inner Boom (pins, bushes, locks) 8 Outer Boom (pins, bushes, locks) 9 Extending Booms (wear pads) 10 Hooks & Hook attachments 11 Ropes (terminations, length 12 Sheaves 13 Hydraulic Tank & Hoses 14 Other  V Serviceable condition. Satisfactory. 16 Tidy condition. Satisfactory. 17 Tidy condition. Satisfactory. 18 Vear mfg.2013. Serial no. 1001161820.  LEGEND  V Serviceable condition, no uneven wear. Satisfactory. In place and secured. Satisfactory order. Secured and all in place. Secured and secured. Satisfactory order. Secured and secured. Secured and secured an										
5 Slew Bearing / Slew bearing / Bolts ✓ Smooth function, in good order. 6 Crane Body (bolting, pins, bushes, locks) ✓ In place and secured. Satisfactory order. 7 Inner Boom (pins, bushes, locks) ✓ Secured and all in place. 8 Outer Boom (pins, bushes, locks) ✓ Satisfactory order. 9 Extending Booms (wear pads) ✓ Serviceable condition. Satisfactory. 10 Hooks & Hook attachments ✓ 11.5 tonne SWL hook, Satisfactory. 11 Ropes (terminations, length N/A 12 Sheaves N/A 13 Hydraulic Tank & Hoses ✓ Tidy condition. Satisfactory. 14 Other ✓ Year mfg.2013. Serial no. 1001161820.  LEGEND ✓ Acceptable C C Comment		, ,								
6 Crane Body (bolting, pins, bushes, locks)  7 Inner Boom (pins, bushes, locks)  8 Outer Boom (pins, bushes, locks)  9 Extending Booms (wear pads)  10 Hooks & Hook attachments  11 Ropes (terminations, length  12 Sheaves  N/A  13 Hydraulic Tank & Hoses  √ Acceptable  C Comment  ✓ In place and secured. Satisfactory order.  Secured and all in place.  Setured and all in place.  Setured and secured. Satisfactory order.  Secured and all in place.  Setured and secured. Satisfactory order.  Secured and secured. Satisfactory.  Secured and secured. Satisfactory order.  Secured and secured. Secured and secured and secured. Secured and secured a			, , , ,							
7 Inner Boom (pins, bushes, locks)   8 Outer Boom (pins, bushes, locks)   9 Extending Booms (wear pads)   10 Hooks & Hook attachments   11 Ropes (terminations, length   12 Sheaves   N/A   13 Hydraulic Tank & Hoses   ✓ Year mfg.2013. Serial no. 1001161820.   LEGEND   ✓ Comment			0.		<b>✓</b>	-				
8 Outer Boom (pins, bushes, locks)   9 Extending Booms (wear pads)   10 Hooks & Hook attachments   11.5 tonne SWL hook, Satisfactory.  11 Ropes (terminations, length   12 Sheaves   N/A  13 Hydraulic Tank & Hoses   14 Other   Vear mfg.2013. Serial no. 1001161820.  LEGEND  ✓ Acceptable   C Comment										
9 Extending Booms (wear pads) ✓ Serviceable condition. Satisfactory.  10 Hooks & Hook attachments ✓ 11.5 tonne SWL hook, Satisfactory.  11 Ropes (terminations, length N/A  12 Sheaves N/A  13 Hydraulic Tank & Hoses ✓ Tidy condition. Satisfactory.  14 Other ✓ Year mfg.2013. Serial no. 1001161820.  **LEGEND**  ✓ Acceptable C C Comment**				<b>✓</b>	·					
10 Hooks & Hook attachments	9			✓	·					
12 Sheaves N/A  13 Hydraulic Tank & Hoses ✓ Tidy condition. Satisfactory.  14 Other ✓ Year mfg.2013. Serial no. 1001161820.  LEGEND  ✓ Acceptable C Comment					✓					
12 Sheaves N/A  13 Hydraulic Tank & Hoses ✓ Tidy condition. Satisfactory.  14 Other ✓ Year mfg.2013. Serial no. 1001161820.  LEGEND  ✓ Acceptable C Comment					N/A					
13 Hydraulic Tank & Hoses ✓ Tidy condition. Satisfactory.  14 Other ✓ Year mfg.2013. Serial no. 1001161820.  LEGEND  ✓ Acceptable C Comment	12	-								
14         Other         ✓         Year mfg.2013. Serial no. 1001161820.           LEGEND           ✓         Acceptable         C         Comment						Tidy condition. Satisfactory.				
LEGEND           ✓         Acceptable         C         Comment					<b>√</b>	·				
✓ Acceptable C Comment							5 2 22 22 101			
	√ Ac	cceptable					Comment			
								le		
Additional Comments / Dhotos		·								













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

Expiry Date: 03/06/2023

Equipment Inspector: Alan Wincl	h	Reviewed By:
P.Hudson – IANZ Signatory	FORECTION SOO	

## Truck Mounted Crane Inspection Report



(Knuckle Boom & Straight Boom)

## Crane Certificate of Inspection



Agtrans Ltd. Job Number: J11535-SI01 Client: Controller: Phill / CJ Date Inspected: 3/06/2022 Official Number:

6220514 Controller's Address: 24 Fitzgerald Lane, Hawera Safe Working Load: 11.5tonnes

Equipment ID: **CJL 283** 

Palfinger PK53002-SH Manufacturer: Equipment Desc: 2004 Mercedes Benz Crane Type: **Truck Mounted** Purpose: Truck loading / Unloading Crane Year: 2013 S/N 100161820 Location: New Zealand Wide Date of Expiry: 3/06/2023

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** IANZ Signatory: P.Hudson

Sentinel Inspection Services Ltd. is an IANZ Accredited Inspection Body

All enquires phone (06) 281 1302 www.sentinelltd.co.nz