



VEHICLE REGISTRATION RENEWAL NOTICE

Department of Transport and Main Roads
ABN 39 407 690 291

Document Number: 77C67C

Due date: 4 10 March 2022

Amount due: \$1940.00

Registration number: 950LMS 9

Vehicle: HINO
GT SERIES

Customer reference number:
(not for payment)



044

WAT. 8-2-22

ENTERED
86x107

RECEIVED
07 FEB 2022

BY: _____

Enquiries

Visit www.qld.gov.au or call 13 23 80
8am - 5pm on Monday to Friday

Payment due

Due Date: 10 March 2022

Amount due	6 months	12 months
ON or BEFORE due date	\$1009.85	\$1940.00
AFTER due date	\$1077.50	\$2007.65

YOU CAN PAY BY

BPAY – Telephone and Internet Banking

Contact your bank or financial institution to make this payment from your cheque, savings, debit or transaction account. More info: www.bpay.com.au

You can only pay the FULL 6 or 12 month amount by BPAY. Transport and Main Roads CANNOT accept part payments.



6 months	12 months
Billers Code: 48173	Billers Code: 48173
Ref: 5001 0545 7456 04	Ref: 5001 0545 7456 04

® Registered to BPAY Pty Ltd ABN 69 079 137 518



Online - credit card only

Pay online using an accepted card at
www.qld.gov.au/payregoonline

Card payments will incur a credit card surcharge.

Enter Payment Reference Number

Ref: 5001 0545 7456 04

Get your rego certificate on line!

Go to:

www.qld.gov.au/getregocert

- ✓ Vehicle details
- ✓ Free
- ✓ Available anytime

Vehicle Model / Make / Colour?	Vehicle Model / Make / Colour?
Contact City / Items Paid?	Job Number?
Ledger Dist?	Signature
This Above Must Be Checked and is Correct	
Signature	Date: 8/2/22

Fee breakdown	6 months	12 months
Next registration expiry date	10/09/2022	10/03/2023
CTP Insurance for QBE Insurance (Australia) Limited	622.40 Dr	1244.80 Dr
HV Registration Road Use Fee	211.15 Dr	422.30 Dr
HV Registration Regulatory Fee	97.50 Dr	195.00 Dr
Administration Fee	38.95 Dr	77.90 Dr
Surcharge for shorter registration term payable to cover extra processing costs for renewals less than 12 months	39.85 Dr	

Total Due \$1009.85 \$1940.00

Please note:

- Payment of an incorrect amount may result in the registration period being varied or adjusted and could incur a surcharge. Your next registration certificate would indicate if this occurred. This may be checked by visiting www.qld.gov.au/getregocert or calling 13 23 80.
- Registration is NOT valid until payment is accepted by the Department of Transport and Main Roads.
- Failure to pay by the registration due date will make the vehicle unregistered and illegal to use.

Messages

A registration certificate will not be posted after payment. To download a copy, please visit www.qld.gov.au/getregocert.

Compulsory Third Party (CTP) insurance

CTP premiums may differ for each insurer. To compare current prices use the CTP Premium Calculator at www.maic.qld.gov.au

For any Compulsory Third Party (CTP) insurance enquiries please contact your CTP insurer.

Allianz - 13 1000 Suncorp - 13 11 60 RACQ - 13 19 05 QBE - 1800 112 472

See attached CTP insurance sheet for details of your current CTP insurer.

Other payment options – www.qld.gov.au/payrego



In person

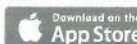
Visit your local Customer Service Centre or Australia Post Office, QGAP, Magistrates Court Office or Police Station authorised to conduct vehicle registration business. Check your local centre or agency for opening times.

Check my rego



App and Online

To check the status of your registration and expiry date go to www.qld.gov.au/checkrego or download the QLD Rego Check mobile app.



**Department of Transport and Main Roads
Customer**

Registration Number 950LMS 9



**Post
Billpay**

Pay in-store at Australia Post

6 months

*475 050622 500105457456042



12 months

*475 050622 500105457456042



Compulsory Third Party Insurer Nomination

(Complete ONLY if you wish to change your CTP insurer in person, at Australia Post or by mail. Alternatively, you can change your CTP insurer online at www.qld.gov.au/changeCTPinsurance)

I nominate _____

(must be selected from the list of CTP insurers above)

as the CTP insurer for registration number _____

Registered Operator/s signature

Date

--	--

Office Use Only

Registration expired ☐

Unsigned form ☐

Incomplete form ☐

Invalid insurer ☐



Compulsory Third Party (CTP) Insurance Information

Your current CTP Insurance details

Vehicle insured by: QBE Insurance (Australia) Limited

CTP Insurance class: 7

Expiry date: 10/03/2022

GST ITCE*: YES

*GST Input Tax Credit Entitlement

To obtain your CTP tax invoice, please visit www.qld.gov.au/getCTPtaxinvoice.

Vehicle details

Registration number: 950LMS

Vehicle: HINO

GT SERIES

TIP TRUCK

Purpose of use: COMMERCIAL

Your current CTP Insurer

Allianz

SUNCORP

RACQ

✓ QBE

Compare CTP Insurers

Visit our CTP Premium Calculator

www.maic.qld.gov.au/ctp-premium-calculator to compare insurer prices and incentives.

Changing your CTP Insurer is easy

1

Visit:
www.qld.gov.au/changeCTPinsurance

2

Enter:
Licence number, name and date of birth

3

Choose:
The CTP Insurer that's right for you

4

Change before:
10/03/2022

*A change in CTP insurer must be received by the Department of Transport and Main Roads on or before the expiry date to be effective for that renewal.

Your CTP policy covers



✓ Injury caused to others

Your CTP policy DOES NOT cover



✗ Vehicle Damage



✗ Property Damage



✗ Injury to you*

*If you sustain a serious personal injury you may be eligible for treatment, care and support under the National Injury Insurance Scheme Queensland.



Sign up for renewals by email

Go to www.qld.gov.au/regobyemail to get your rego by email and receive reminders before it's due.

✓ Vehicle Registration Renewal Notice

✓ Driver Licence Renewal Notice

✓ Due date reminders

What makes up the cost of your CTP insurance?

Fee breakdown	6 months		12 months	
	Price	GST	Price	GST
Insurers Premium	470.80 Dr	42.80 Dr	941.70 Dr	85.60 Dr
Stamp Duty (Insurer's Premium)	0.10 Dr		0.10 Dr	
Statutory Insurance Scheme Levy	0.75 Dr		1.50 Dr	
Nominal Defendant Levy	8.00 Dr		16.00 Dr	
Hospital & Emergency Services Levy	18.20 Dr		36.40 Dr	
National Injury Insurance Scheme Levy	120.25 Dr		240.50 Dr	
Administration Fee	4.30 Dr		8.60 Dr	

Total CTP insurance premium

\$622.40

incl GST of \$42.80

\$1244.80

incl GST of \$85.60

Cost breakdown at a glance

CTP Insurer's Premium

Covers the estimated cost of claims for personal injury to third parties arising from motor vehicle crashes, as well as the insurer's delivery costs and profit margin.

National Injury Insurance Scheme Queensland Levy (NIISQ)

Covers the estimated costs of the NIISQ which provides necessary and reasonable treatment, care and support for a person who sustains a particular serious personal injury in a motor vehicle accident in Queensland regardless of fault.

Hospital and Emergency Services Levy

Covers a reasonable portion of the estimated cost of providing public hospital and emergency services to people who are injured in motor vehicle accidents and who are potential claimants under the Queensland CTP scheme.

Nominal Defendant Levy

Covers the estimated costs of the Nominal Defendant scheme which covers claims where an uninsured (unregistered) or unidentified vehicle is at-fault.

Administration Fee

Provided to the Department of Transport and Main Roads for delivering administrative support for the CTP scheme.

Statutory Insurance Scheme Levy

Covers the estimated operating costs of administering the *Motor Accident Insurance Act 1994*.

For more information go to www.maic.qld.gov.au/levies-and-administration-fee

Car crash scamming is now a crime



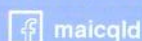
Beware of people who contact you about whether you've been in a crash.

Car crash scammers pretend to help Queenslanders gain injury compensation from car crashes then sell their personal information to third parties. It's now illegal, with penalties of up to \$40,000 for individuals who scam others.

Protect yourself and your loved ones. Hang up on car crash scammers:

Visit www.maic.qld.gov.au/hangup or call **1800 CTP QLD** (1800 287 753).

www.maic.qld.gov.au



Email:
maic@maic.qld.gov.au



Phone:
1800 CTP QLD
(1800 287 753)

Autofocus Mechanical

11 O'Loughlin Street
Mackay QLD 4740
ABN 44 834 198 616
Tel: 07 4910 9589
Email: admin@autofocusqld.com.au



Tax Invoice

Inv. No.	944	Date	15/9/22	Order No.	-	Sales ID	-
Client Details				Vehicle Details			
				Registration: 950LMS Odo: 117206			
				Make/Model: HINO F SERIES			
				Year: 1989			
				VIN#: JHDGT175MXXX10319			
				Next service: Log book service			
				Due: 15/3/23 Kms: 127206			
Account		Home	-	Work		Mobile	

Work Done

Logbook Service

Carry Out 117,000km Service As Per Manufacturers Specifications. Drain Engine Oil And Replace Engine Oil Filter. Carry Out 65 Point Safety Check. Pressure Test Cooling System. Check And Top Up All Fluid Levels As Required. Check Tyre Condition And Pressures Including Spare. Load Test Battery And Check Electrolyte Level. Inspect Brakes, Drive Belts, Hoses, Suspension, Wipers, Windshield Washers, Lights And Horn. Scan Diagnostic Trouble Codes. Road Test Vehicle.

Drivers side headlight not working on high beam.

Passenger side low beam not working.

Replaced both sealed beams with servicable high/low 24V 100 x 165mm 60/40W 3 blade terminal.

Services, Parts & Labour

Mechanical

Qty	Description	Unit Price	Total (Ex)	Tax	Total (Inc)
1	Log book service	\$327.27	\$327.27	\$32.73 GST	\$360.00
1	Workshop Consumables	\$9.09	\$9.09	\$0.91 GST	\$10.00
1	Environmental Levy	\$9.09	\$9.09	\$0.91 GST	\$10.00
1	Lube Filter	\$41.61	\$41.61	\$4.16 GST	\$45.77
1	Fuel Filter	\$13.45	\$13.45	\$1.35 GST	\$14.80
1	AIR FILTER	\$166.04	\$166.04	\$16.60 GST	\$182.64
13	INV - 15W-40 RUBIA WORKS ENGINE OIL	\$15.50	\$201.50	\$20.15 GST	\$221.65
6	INV - 85W-90 Dynatrans Gear Oil	\$14.07	\$84.42	\$8.44 GST	\$92.86
1	General Repairs	\$163.64	\$163.64	\$16.36 GST	\$180.00
2	Mastrduty 24v H4 75/70W P43T-38 Globe	\$21.82	\$43.64	\$4.36 GST	\$48.00
2	Insert Hi/Low 165x100mm Driver Side Headlight	\$30.91	\$61.82	\$6.18 GST	\$68.00
			\$1,121.57	\$112.15	\$1,233.72

Vehicle Report

Wiper blades split - replaced
Low beam blown - replaced
Swivel hubs leaking - more than likely from sitting and not being driven
Front brake booster leaking air
Tappet cover leak
Adjusted belts
Tray tipper hydraulic ram leaking
Transfer case front lower output seal leaking
Gear box PTO weeping
Gear box oil needs replacing
Transfer case oil low - topped up

Transfer case oil low - topped up

Financial Summary			
Total (Ex. Tax)	\$1,121.57	Terms	30 days
Tax Total	\$112.15	Paid	\$0.00
Total (Inc. Tax)	\$1,233.72	Balance	\$1,233.72

Thank You For Your Business

Authorised Inspection Station: 12626 - ARC Licence No: AU45529

*****Please Note : Your Vehicle`s Seat Position And Rear View Mirror Position May Have Been Adjusted Whilst Within The Workshop,by Our Technicians For Their Safety We Apologise For Any Inconvenience This May Cause You.*****

Note: All Goods And Materials Used In Any Repairs Or Servicing Will Remain The Property Of Autofocus Mechanical Until All Goods Used In And Work Performed To Facilitate The Installation Of Such Goods And Materials Have Been Paid For In Full And All Funds And Negotiable Instruments Have Been Cleared.

ANZ
BSB : 014-023 Account No.: 431091282
Account Name: Autofocus Mechanical

Autofocus Mechanical

11 O'Loughlin Street
Mackay QLD 4740
ABN 44 834 198 616
Tel: 07 4910 9589
Email: admin@autofocusqld.com.au



Tax Invoice

Inv. No.	1,321	Date	12/1/23	Order No.	-	Sales ID	-
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Client Details

Vehicle Details
Registration: 950LMS Odo: 118503
Make/Model: HINO F SERIES
Year: 1989
VIN#: JHDGT175MXXX10319
Next service: Log book service
Due: 15/3/23 Kms: 127206

Account	Home	-	Work	Mobile
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Work Done

General Repairs

Carried out quick inspection for COI.

Unfortunately the vehicle won't pass without the below list of repairs being rectified.

Services, Parts & Labour

Mechanical

Qty	Description	Unit Price	Total (Ex)	Tax	Total (Inc)
1	General Repairs	\$125.00	\$125.00	\$12.50 GST	\$137.50
1	Environmental Levy	\$9.09	\$9.09	\$0.91 GST	\$10.00
1	Workshop Consumables	\$9.09	\$9.09	\$0.91 GST	\$10.00
Total General Repairs			\$143.18	\$14.32	\$157.50
			\$143.18	\$14.32	\$157.50

Vehicle Report

- Swivel hubs leaking - more than likely from sitting and not being driven.
- Front brake booster leaking air.
- Tappet cover leak.
- Tray tipper hydraulic ram leaking.
- Transfer case front lower output seal leaking.
- Gearbox PTO weeping.
- Gear box oil needs replacing.
- Front bar lights not working.
- Number plate light not working.
- Door trims torn.
- Windscreen chipped.
- Floor lining torn.

- Cabin rust.
- Chassis rust.

Financial Summary			
Total (Ex. Tax)	\$143.18	Terms	30 days
Tax Total	\$14.32	Paid	\$0.00
Total (Inc. Tax)	\$157.50	Balance	\$157.50

Thank You For Your Business

Authorised Inspection Station: 12626 - ARC Licence No: AU45529

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ANZ
BSB : 014-023 Account No.: 431091282
Account Name: Autofocus Mechanical



Shed 1 / 21 Lester Hansen St
Slade Point, Mackay Tel: (07) 4955 0022
QLD 4740 Fax: (07) 4955 0022

ENGINE SERVICE SHEET VEHICLE LOADING CRANE

Customer:		Job Number: #5792	
ID:	Make: TADANO	Model: ZE294HRS	
Serial No: EV7060	Hours: 3484	Service Type: ANNUAL	
Fitter: JASON COOPER		Date: 30 / 01 / 2023	

All items must be marked. ✓ if carried out, X if not carried out, N/A if not applicable.

✓, X, N/A	SERVICE SCHEDULE	COMMENTS
✓	Grease Crane	
✓	Change Hydraulic Filter	
✓	Check Storage of Chains	
✓	Check Mount to Chassis	
✓	Fill in Log Book	
✓	Check Operation of Crane	
✓	Check Load Indicator	
✓	Check Booms for Damage	
✓	Check Hydraulic Oil Level	
✓	Check Decals Legible	

SERVICE TECHNICIANS NAME **JASON COOPER**

SIGNATURE 

DATE: **30 JANUARY 2023**



MECHANICAL & TECHNICAL SERVICES
Inspections / Certificates, Fleet Management, Repairs, Servicing, Upgrades/Rebuilds





VEHICLE LOADING CRANE Report

VLC A 176670-11



CraneSafe®

Div of The Crane Industry Council of Australia
ABN 73 002 565 773

PO Box 136
MOUNT WAVERLEY VIC 3149
Phone: +61 (03) 9501 0078
Email: assessments@cranesafe.com.au

Initial Inspection Date: 17/04/2023
Reassessment Date: 25/04/2023
Conforms to Checklist: Yes
Issued Date: 27/04/2023
Next Inspection Date: 25/04/2024

COMPANY

REPRESENTATIVE

ASSESSED BY
James Galea
Reg No. QLD1099
0419 328 364
jrg@ehw.net.au

COMPANY
JRG Services
60 Crowleys Road RACECOURSE
QLD 4740



Tadano ZE294HRS

LOWER HOURS
3484

KILOMETERS
118526

SERIAL NUMBER
EU7060

PLANT NUMBER
JSC-50

DESIGN REGISTRATION NUMBER
NOT SUPPLIED AT TIME
OF INSPECTION

PLANT REGISTRATION NUMBER
N/A

ROAD REGISTRATION
950-LMS

YOM
2010

MAX LOAD
3030 KG

NUMBER OF AXLES
2

Assessment

Country Where Assessed	Australia
State	QLD
Operators Manual in English	OK
Log Book	OK
Maintenance Records	OK
Crane Safety Manual	No
Major Inspection Report Sighted	No



This report is confirmation that the crane has undergone a visual inspection on the date(s) stated and meets the standards of the CraneSafe assessment program at the time of inspection. The CraneSafe annual inspection is in addition to and does not replace pre-operation and routine inspections, maintenance and repairs necessary to comply with work, health and safety laws and requirements. In no event shall either CraneSafe or CraneSafe Endorsed Assessors be liable for any direct, indirect, punitive, incidental, special or consequential damages, including but not limited to loss of income, revenue, opportunity, goodwill, profit, anticipated saving or value of equipment arising out of or in any way connected with the use of the services, whether based on contract, tort, strict liability or otherwise, even if advised of the possibility of any such damages. This report is provided solely for the benefit of the Company named on its face. No other person is entitled to rely on anything contained in this Report and must make and rely solely on their own inspection and assessment in all respects and for all purposes.

Accredited for compliance with ISO/IEC 17020

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports

All CraneSafe forms, checklists, surveys, audits and reports together with the embedded methodology contained within are the intellectual property of The Crane Industry Council of Australia and may not be used without The Crane Industry Council of Australia's prior written consent.

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Boom and Attachments

Base Section	OK	Shimming and Alignment	OK
No. 1 Section	OK	Boom Lift Cylinders	OK
No. 2 Section	OK	Lock Valve(s)	OK
No. 3 Section	OK	Extension Cylinders	OK
No. 4 Section	N/A	Lock Valve(s)	OK
No. 5 Section	N/A	Extend Ropes / Chains	N/A
Additional Sections	N/A	Retract Ropes / Chains	N/A
Manual Boom Extension	N/A		
Head Sheaves and Bearings	OK		

ANTI-TWO BLOCKS

Boom Head	OK
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HOOK BLOCKS - WITH CRANE

Description	Hook block	Manufacturers Identification	OK
		9912	
Branded WLL (kg)	OK	Safety Latches	OK
3030kg		Sheaves and Bearings	OK
		2	
Swivel	OK	Branded with Tare Weight (kg)	OK
		30kg	

Turret (or Pedestal) and Cabin

Frame	OK	Control Levers - Clearly Marked	REMEDIED
Boom Mounting Lugs	OK	Control Cables / Pilot Hoses	OK
Boom Mounting Pins	OK	Gauges	OK
Lift Cylinder Lugs	OK	Horn	OK
Lift Cylinder Pins	OK	Access Steps	OK
Crush Area Decal	OK	Doors and Locks	OK
Overhead Electrical Decals	OK	Crane Level Indicator	OK
Cab Glass and Mirrors	N/A	Stabiliser Controls	OK
Throttle	OK	Remote Controls	OK
Decals / Signs - In English	REMEDIED	Emergency Stopping Device	OK
Load Charts in English as per AS1418	OK	Manufacturer's Compliance Plate (post 2004)	N/A

Slew System

Slew Cylinder	N/A	Slew Pinion	OK
Slew Transmission & Oil Level	OK	Slew Gear	OK
No Leaks Present	OK	Slew Bearing	OK
Slew Brake	OK	Smooth Operation	OK
Lock Valve(s)	OK	Slew Bolts	OK
House Lock	N/A	Excessive Bearing Play	OK
Slew Lock-out Area	N/A	Excessive Backlash	OK

Winches

Winch Condition & Oil Level	OK	Brake Operation	OK
No Leaks Present	OK	Main Wire Rope	OK
Rope Spooling	OK	Rope Socket and Pins	OK
Winch Attachment, Pins / Bolts	OK	Correct Assembly and Connection of Hoist Rope Socket	OK

Hydraulic System

Hydraulic Reservoir & Oil Level	OK	Boom Lift Valve	OK
Return Filters and Housing	OK	Boom Extension Valve	OK
Pressure Filter and Housing	OK	Pressure Lines and Hoses	OK
Suction Lines and Hoses	OK	Vertical Stabiliser Cylinders	OK
Oil Cooler	OK	Horizontal Stabiliser Cylinders	N/A
Pump	OK	Stabiliser Control Valves	OK
Winch Motor	OK	Stabiliser Lock Valves	OK
Main Winch Valve	OK		

Air Systems

Compressor	OK	Brake Chambers	OK
Air Reservoirs	OK	Brake Valves	OK
Drain Valves	OK	Air Cylinders	N/A
Air Lines	OK	Air Dryer	N/A

Chassis Inspection

Frame - Chassis	OK	Stabiliser Beams	OK
Suspension System Rear	OK	Stabiliser Pads	OK
Suspension System Front	OK	Markings For Alternate Stabiliser Widths	OK
Steering Components	OK	Stabiliser Hazard Striping	OK
Front Axle(s)	OK	Sheet Metal / Guards	OK
Rear Axle(s)	OK	Decals / Signs - In English	OK
Differentials	OK	Doors and Locks	OK
Planetary Drives	N/A	Stabiliser Controls and Labeling	OK
Drive Lines	OK	Stabiliser Level Gauges	REMEDIED
ABS Brakes	N/A	Access Steps to Carrier and Cabins	OK
Front Brake(s)	OK	Crane Sub-Chassis - Attachment and Fastening	OK
Rear Brake(s)	OK	Hand Rails and Grabs	OK
Parking Brake	OK	Non Slip Surfaces	OK
Front Wheels and Tyres	OK	Fire Extinguisher	OK
Rear Wheels and Tyres	OK	Installers Compliance Plate (post 2004)	OK
Stabiliser Boxes and Locking Pins	OK	Pre 2004 Installers Design Package	N/A

Drive Systems

Engine Oil Pressure & Oil Level	OK	Muffler / Spark Arrestor	OK
Radiator & Coolant Level	OK	Abnormal Engine Noises	OK
Radiator Hoses	OK	Fuel Tank & Diesel Level	OK
Fan	OK	Power Shift / Range Shift	OK
Fan Guard	OK	Drive Coupling	OK
Oil Cooler(s)	OK	Transmission Noise	OK
Fuel Lines	OK	No Leaks Present	OK
Throttle Linkage	OK	Pump Drives	OK
Engine Mounts	OK	Pump Disconnects (PTO)	OK
Power Transmission Belts	OK	Output Coupling	OK

Electrical Systems

Battery Box	OK	Hazard Lights	OK
Battery Cables	OK	Clearance Lights	OK
Battery Isolator	OK	Switches and Relays	REMEDIED
Head Lights	OK	Rotating Beacon(s)	OK
Tail Lights	OK	Back-up Alarm	OK
Stop Lights	OK	Horn for Road Travel	OK
Directional indicators	OK		

Functional Tests - Main Winch

Rated Capacity Indicator (RCI)

Load Chart Reference Number

294D

Printed Chart - No Load

OK

	Printed Chart	RCI
Boom Angle, deg	N/A°	N/A°
Boom Length, m	N/Am	N/Am
Radius, m	N/Am	N/Am
Load, kg	N/Akg	N/Akg

Rated Capacity Limiter (RCL)

Load Chart Reference Number

294D

Rated Load - Boom Fully Extended

OK

	RCI	Measured
Radius, m	3.50m	3.50m
Load, kg	900kg	850kg

Line Pull Test

OK

	RCI	Measured
Load, kg	3030kg	3100kg

Winch Brake Test

OK

	RCI	Measured
Load, kg	3030kg	3100kg

Overload Warning Lights and Alarms

OK

Rated Capacity Limiter Fitted (Overload Limiter)

OK

Functional Tests - Auxiliary Winch

N/A

Crack Inspection

No Cracks Detected

OK

Visually inspected high load and stress points for cracks with crane under load, and at time of inspection there appeared to be no cracks present.

Any third party testing is not included in the CraneSafe NATA accreditation.

Manufacturer Additional

N/A

Site Requirements

N/A

Crane



Model



Serial Number

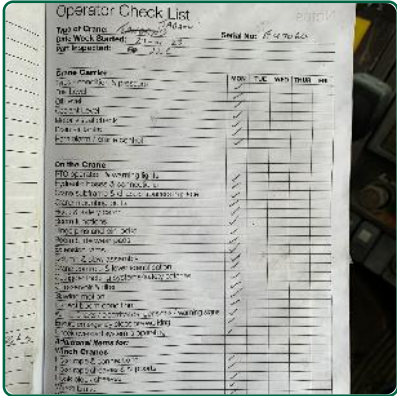
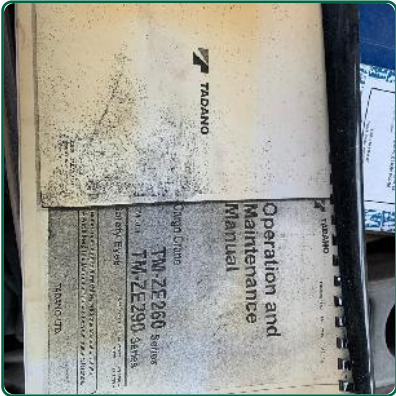


Lower Hours at last inspection:
3484



Kilometers at last inspection:
116354

Assessment



MAJOR ASSESSMENT REPORT

Client Details

Company Name: J&S Engineering
Contact Person: Andrew Pugh
Contact Email: andrew@jse.com.au

Inspection Engineer

Service Provider: FIELD Engineers
Engineering Discipline: General Engineering
Inspection Discipline: General Engineering
Date Completed: 11/05/2018
Date Reported: 11/05/2018

Statement of Safe Use

The crane, modelled here by, serial and covered by J&S Engineering have undergone a major assessment according to the requirements of Australian Standard AS2550.11:2011. The crane is certified safe to use for the following use:

Requirements for Continued Safe Use

- The crane is maintained as per CDM procedures (including daily checks and hour-based service intervals).
- Crane has been inspected and found to be in good condition.
- The load indicating and limiting system are functional and calibrated to meet Australian Standard.
- The crane is to be used in accordance with the requirements of AS2550.11:2011.
- The crane is to be used in accordance with the requirements of AS2550.11:2011.

CRANE DETAILS

Unit ID	Manufacturer	Serial Number	Year of Manufacture	Model	Checklist
J&S-01	Tadano	2000	2000	2000000000	OK
J&S-02	Tadano	2001	2001	2000000000	OK
J&S-03	Tadano	2002	2002	2000000000	OK

Major Inspection Report Sighted

Assessment notes and standards

AS2550.11:2011

AS2550.11:2011

Scope

This verification confirms that the crane has undergone a Major Assessment in accordance with the requirements of Australian Standard AS2550.11:2011.

During inspection the following assessment both theoretical and practical assessments by F&S Engineers in November of 2018. The practical assessments were conducted in accordance with AS2550.11:2011. Based on this assessment a Major Inspection schedule has been developed.

Major Assessment Summary

#	Unit ID	Manufacturer	Model	Serial Number	Year of Manufacture	Recommended Major Inspection Schedule
1	J&S-01	Tadano	2000	2000000000	2000	2024
2	J&S-02	Tadano	2001	2000000000	2001	2024
3	J&S-03	Tadano	2002	2000000000	2002	2024
4	J&S-04	Tadano	2003	2000000000	2003	2024

The verification remains current with the below requirements:

- The crane is maintained as per CDM procedures (including daily checks and routine maintenance intervals).
- Crane has been inspected and found to be in good condition.
- The load indicating and limiting system are functional and calibrated to meet Australian Standard.
- The crane is to be used in accordance with the requirements of AS2550.11:2011.
- The crane is to be used in accordance with the requirements of AS2550.11:2011.

References

#	Reference Document	Type	Document Title	Document Source
1	AS2550.11:2011	S	Major Assessment Report	F&S Engineers
2				
3				

Limitations

Nil

Notes

Nil

Major Inspection Report Sighted

TAX INVOICE

TO: J&S ENGINEERING
PO BOX 100
BAYVIEW VIC 3185

FROM: J&S ENGINEERING
PO BOX 100
BAYVIEW VIC 3185

DATE: 11/05/2018

INVOICE NUMBER: 1001

DESCRIPTION: CRANE MAINTENANCE

ITEM	DESCRIPTION	UNIT PRICE	QUANTITY	TOTAL
1.00	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.01	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.02	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.03	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.04	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.05	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.06	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.07	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.08	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.09	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.10	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.11	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.12	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.13	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.14	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.15	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.16	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.17	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.18	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.19	CRANE MAINTENANCE	\$100.00	1	\$100.00
1.20	CRANE MAINTENANCE	\$100.00	1	\$100.00

TOTAL INCLUDING GST: \$100.00

TOTAL EXCLUDING GST: \$100.00

TOTAL INCLUDING GST: \$100.00

Maintenance Records

TAX INVOICE

TO: J&S ENGINEERING
PO BOX 100
BAYVIEW VIC 3185

FROM: J&S ENGINEERING
PO BOX 100
BAYVIEW VIC 3185

DATE: 11/05/2018

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1.20	CRANE MAINTENANCE	\$100.00	1	\$100.00

TOTAL INCLUDING GST: \$100.00

TOTAL EXCLUDING GST: \$100.00

TOTAL INCLUDING GST: \$100.00

Maintenance Records

ENGINE SERVICE SHEET

VEHICLE LOADING CRANE

Customer: J&S ENGINEERING
Job Number: #5792

TO: J&S ENGINEERING
PO BOX 100
BAYVIEW VIC 3185

FROM: J&S ENGINEERING
PO BOX 100
BAYVIEW VIC 3185

DATE: 11/05/2018

INVOICE NUMBER: 1001

DESCRIPTION: CRANE MAINTENANCE

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TOTAL INCLUDING GST: \$100.00

TOTAL EXCLUDING GST: \$100.00

TOTAL INCLUDING GST: \$100.00

Maintenance Records

Tax Invoice

TO: J&S ENGINEERING
PO BOX 100
BAYVIEW VIC 3185

FROM: J&S ENGINEERING
PO BOX 100
BAYVIEW VIC 3185

DATE: 11/05/2018

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TOTAL INCLUDING GST: \$100.00

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Maintenance Records



Head Sheaves and Bearings



Description



Manufacturers Identification

Turret (or Pedestal) and Cabin



Emergency Stopping Device



Decals / Signs - In English



Control Levers - Clearly Marked

Slew System



Slew Gear



Slew Pinion

Winches



Main Wire Rope



Correct Assembly and Connection of Hoist Rope Socket

Hydraulic System

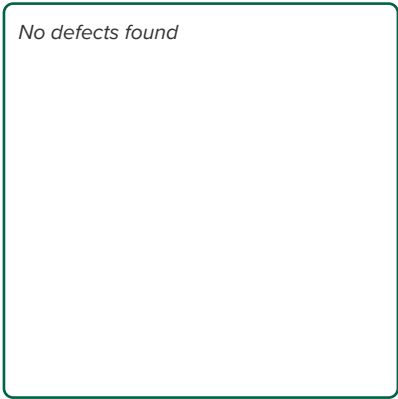


Vertical Stabiliser Cylinders

Air Systems



Air Reservoirs



Compressor

Chassis Inspection



Installers Compliance Plate
(post 2004)



Fire Extinguisher



Stabiliser Level Gauges

Drive Systems

No faults found at time of inspection

Transmission Noise

No faults found at time of inspection

Drive Coupling



Stop Lights



Switches and Relays



Switches and Relays



Switches and Relays

Functional Tests - Main Winch



Load Chart Reference Number



Load



Load



Rated Load - Boom Fully Extended



Load



Load



Load



VEHICLE LOADING CRANE CERTIFICATE OF ANNUAL INSPECTION AND TESTING

Certificate Number: QLD176670 CraneSafe Assessment Number: VLC A 176670-11



CraneSafe®

Div of The Crane Industry Council of Australia
ABN 73 002 565 773

PO Box 136
MOUNT WAVERLEY VIC 3149
Phone: +61 (03) 9501 0078
Email: assessments@cranesafe.com.au

Inspection Date: 2023-04-25

Renewal Date: 25/04/2024

Issued Date: 27/04/2023

COMPANY

REPRESENTATIVE

ASSESSED BY

James Galea

Reg No: QLD1099

Phone: 0419 328 364

Email: jrg@ehw.net.au

COMPANY

JRG Services

60 Crowleys Road RACECOURSE

QLD 4740



Tadano ZE294HRS

LOWER HOURS

3484

SERIAL NUMBER

EU7060

YEAR OF MANUFACTURE

2010

This certificate is confirmation that the crane has undergone a visual inspection on the date(s) stated and meets the standards of the CraneSafe assessment program at the time of inspection. The CraneSafe annual inspection is in addition to and does not replace pre-operation and routine inspections, maintenance and repairs necessary to comply with work, health and safety laws and requirements. In no event shall either CraneSafe or CraneSafe Endorsed Assessors be liable for any direct, indirect, punitive, incidental, special or consequential damages, including but not limited to loss of income, revenue, opportunity, goodwill, profit, anticipated saving or value of equipment arising out of or in any way connected with the use of the services, whether based on contract, tort, strict liability or otherwise, even if advised of the possibility of any such damages. This certificate is provided solely for the benefit of the Company named on its face. No other person is entitled to rely on anything contained in this Report and must make and rely solely on their own inspection and assessment in all respects and for all purposes.

James Galea

Inspection

Inspection in Accordance With

☒ AS2550.1 & AS2550.11 ☐ EN (FEM&ISO) ☐ JIS ☒ Codes of Practice ☒ Manufacturer's Instructions.

Comments

Accredited for compliance with ISO/IEC 17020
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports

© The Crane Industry Council of Australia 2009

All CraneSafe forms, checklists, surveys, audits and reports together with the embedded methodology contained within are the intellectual property of The Crane Industry Council of Australia and may not be used without The Crane Industry Council of Australia's prior written consent.



Tadano
ZE294HRS
EU7060
QLD176670
VLC A 176670-11
JSC-50

Note: Anyone can
access the full report
when this QR code is
scanned

CraneSafe®
Certificate No. **QLD176670**



Make	<u>Tadano</u>	Model	<u>ZE294HRS</u>	
S/N	<u>EU7060</u>	Insp.	<u>25/04/23</u>	Next Insp. <u>25/04/2024</u>
Plant Reg.	<u>N/A</u>	Plant No.	<u>JSC-50</u>	
Owner	<u>JIS Engineering Pty Ltd</u>			
Assessor	<u>James Galea</u>	No.	<u>QLD1099</u>	



Supported by



TADANO

Herewith please find your CraneSafe 'Green Sticker'. Please affix this in a highly visible location on the inside of the Crane Cabin Window to be read from the outside. Make sure the window glass is clean.

CraneSafe Australia
PO Box 136
MOUNT WAVERLY VIC 3149
Tel: (03) 9501 0078
Email: assistant@cranesafe.com.au

MAJOR ASSESSMENT REPORT

Company Details

Company Name		
Company Contact		
Contact email		

Independent Engineer

Service Provider	FIELD Engineers		
Engineering Oversight	Jonn Grimmond	Date Completed	04/2/2019
Engineering Approval	Slawek Drabot	Date Completed	06/2/2019

Statement of Safe Use

The cranes, identified here in, owned and operated by JSIS Engineering have undergone a major assessment according to the requirements of Australian Standard AS2550.1- 2011. The cranes identified are considered safe to use within the requirements noted.

Requirements for Continued Safe Use

- The cranes are maintained as per OEM procedures (including daily checks and hour-based service intervals),
- Cranes have a current third party annual inspection certificate,
- The load indicating and limiting system are functional and calibrated to relevant Australian Standard,
- The cranes are scheduled for Major Inspections as outlined by FIELD Engineers within this report,
- The outlined inspection schedules are reviewed to be consistent with any revision to AS2550.11 during the operating life of the cranes.

CRANE DETAILS

Unit ID	Manufacturer	Serial number	Year of Commissioning	Model	Classification
JS-02	Tadano	EU7059	2009	ZE 293 HRS	C1/M1*
JCS-07	Tadano	EU7236	2011	ZE 294 HRS	C1/M1*
JS-08	Tadano	EU7207	2011	ZE 295 HRS	C1/M1*
JCS-50	Tadano	EU7060	2010	ZE 294 HRS	C1/M1*

* Determined from AS1418.1-2001 Appendix D

SUMMARY OF COMPETENCIES

FIELD Engineers

Independent Engineer

FIELD Engineers is ISO9001 certified for the provision of professional engineering design, product development and project management services. Major inspection of cranes is performed under the oversight of Registered Professional Engineers in Queensland. FIELD Engineers is an active member of the Crane Industry Council of Australia and has CraneSafe inspectors undertaking crane inspection activities

600 Cranes

Maintenance supplier

600 Cranes offer a full range of servicing, work-shop facilities and sales in Melbourne, Sydney, Perth and Brisbane including remote and off-shore servicing, maintenance and inspections for Tadano vehicle loading cranes. 600 cranes are also an accredited repairer for Tadano products

CraneSAFE

3rd Party Inspector

The CraneSAFE program provides crane owners and operators with a process for third party assessment of the safety aspects of their cranes that complies with the requirements of Parts 1, 3, 4, 5, 11, 19 and 20 of AS2550 for annual inspection. The annual inspection completed for JSIS previously have been undertaken by James Galea from JRG services. Each crane has been in the CraneSAFE program since commissioning

Ref #	REFERENCE REQUIREMENTS DOCUMENTS	
R01	AS2550.1 Cranes hoists and winches – safe use Part 1 – General requirements	Standards Australia
	Definition of major assessment requirements for practical and theoretical components of cranes for continued safe use	
R02	AS2550.11 Cranes hoists and winches – safe use Part 11: Vehicle-loading cranes	Standards Australia
	Definition of major inspection requirements for inspection, test and documentation activities	
R03	Guide to 10 Year Major Inspection	Crane Industry Council of Australia
	Definition of major inspection requirements for the competency of personnel undertaking major inspections as well as further explanation of requirements for inspection, test and documentation activities	
R04	Major Inspection Key Issues Forum Minutes	Work Health & Safety QLD
	Quantitative criteria for assessment of structural integrity of crane components. This document was developed during a forum conducted on the 25/2/2015 by Work Health & Safety QLD. Participants included regulatory technical experts, crane manufactures, repairers and representatives from the Crane Industry Council of Australia	
R05	AS1418.1 Cranes, Hoists and Winches Part 1: General requirements	Standards Australia
	Requirements within Australia for the design and construction of cranes and similar lifting appliances	
R06	AS1418.11 Cranes, Hoists and Winches Part 11: Vehicle-loading Cranes	Standards Australia
	Design requirements for mobile cranes (EN 12999:2011, MOD)	

DEFINITIONS			
Periodic Third-Party Inspection		AS2550.1 – 2011 Section 7	
Tasks	Description	Competency	Frequency
Review of maintenance records	Review of historic data to confirm maintenance regime and compliance to Australia Standard in regards to inspections	Competent person	Annually
Visual inspection and functional testing	Practical inspection of the plant to confirm that the unit is safe for continued use including the function of the load limiting devices		

Major Assessment for Continued Use		AS2550.1 – 2011 Section 9	
Tasks	Description	Competency	Frequency
Review of lifting plant documentation	Review of historic data to confirm that the maintenance regime is suitable and that the unit is compliant to Australia Standards in regards to inspections and compliance to design standards	Professional engineer	As determined by periodic inspection
Analytical estimate of design life	Design working period calculation to determine theoretical remaining design life		
Reporting	Development of documentation outlining the findings of the assessment including, current condition, life projection and maintenance strategy		
Visual inspection and functional testing	Practical inspection of plant to confirm that unit is safe for continued use including the function of the load limiting devices	Competent person	

Major Inspection		AS2550.11 – 2016 Section 6	
Tasks	Description	Competency	Frequency
Definition of scope	Outlining required inspections to be undertaken of critical components for continued use	Suitable qualified person	After 10 years of operation and every 5 years thereafter
Review of compliance to current Australian Standard	Confirm that outstanding manufactures upgrades have been completed and that the item is compliant to the current Australian standards were practical		
Reporting	Development of individual reports outlaying the works conducted including any limitations or non-conformances found during the inspection		
Component review	Strip down and inspection of critical component's outlined within the scope of inspection. Where applicable, the Major Inspection shall include removal, dismantling and inspection of the following items: <ul style="list-style-type: none"> • Crane structure, fasteners and welds, • Mechanical items inclusive of gearboxes & bearings, • Hydraulic cylinders, hoses & valves, • Electrical control, power and safety components. 	Competent person experienced in each of the following: <ul style="list-style-type: none"> - Fabrication trade - Mechanical trade - Hydraulic systems - Electrical trade 	

Competencies	
Name	
AS2550.11 – 2016	
Experienced technician	A person who, due to their vocational background and experience, has sufficient skill and knowledge in the field of cranes and is sufficiently familiar with the relevant regulations to determine deviations from the proper conditions
Suitable qualified person	A professional engineer or independent crane inspector competent to manage a major inspection
AS2550.1 – 2011	
Competent person	A person who has acquired through training, qualification, experience or a combination of these, the knowledge and skill enabling that person to correctly perform the required task
Professional engineer	<p>Is defined in the Australia Standard as one of the below:</p> <ul style="list-style-type: none"> • A person registered in a relevant area of practice on the National Professional Engineers Register; • Where applicable, a Member of a Scheme established under Professional Standards Legislation in the relevant jurisdiction, • A Chartered Professional Engineer (CPEng), • Other person providing satisfactory evidence to a responsible authority that they have the qualifications and experience to be competent to independently perform the required tasks.

SUMMARY OF RECCOMENDATIONS

Unit Number	Action	Year to be completed
JS-02	Complete major inspection as per AS2550.11	2024
JSC-07	Complete major inspection as per AS2550.11	2026
JS-08	Complete major inspection as per AS2550.11	2026
JSC-50	Complete major inspection as per AS2550.11	2025

RECCOMENDED INSPECTION SCHEDULES

Unit	Routine Inspection	3 rd Party Inspections	Major Inspection	Replacement ¹
JS-02	3 Monthly	Annually	15 years then every 5 years*	2048
JSC-07	3 Monthly	Annually	15 years then every 5 years*	2064
JS-08	3 Monthly	Annually	15 years then every 5 years*	2064
JSC-50	3 Monthly	Annually	15 years then every 5 years*	2034

Comments

* Initial major inspection recommended at 15 year from commissioning based on DWP assessment of the highest utilisation. Additional Major Inspection schedules recommended to be conducted at 5 year intervals to align with the expected environmental deterioration of the hydraulic system.

RISK MANAGEMENT FOR NON-CONFORMANCE

Unit ID	Non-conformance	Risk Management Method

SUMMARY DESIGN WORKING PERIOD ASSESSMENT

Information			Structure				Mechanism			
Unit ID	Years in service	Load spectrum factor	Class	Estimated utilisation (%)	Remaining life	DWP use per year (%)	Class	Estimated utilisation (%)	Remaining life	DWP use per year (%)
JS-02	10	L1	C2	25	> 25 years	2.5	M1	21	> 10 years	2.1
JSC-07	8	L1	C2	9	> 25 years	1.1	M1	11	> 10 years	1.4
JS-08	8	L1	C2	10	> 25 years	1.2	M1	11	> 10 years	1.4
JSC-50	9	L1	C2	27	> 25 years	3.0	M1	38	> 10 years	4.2

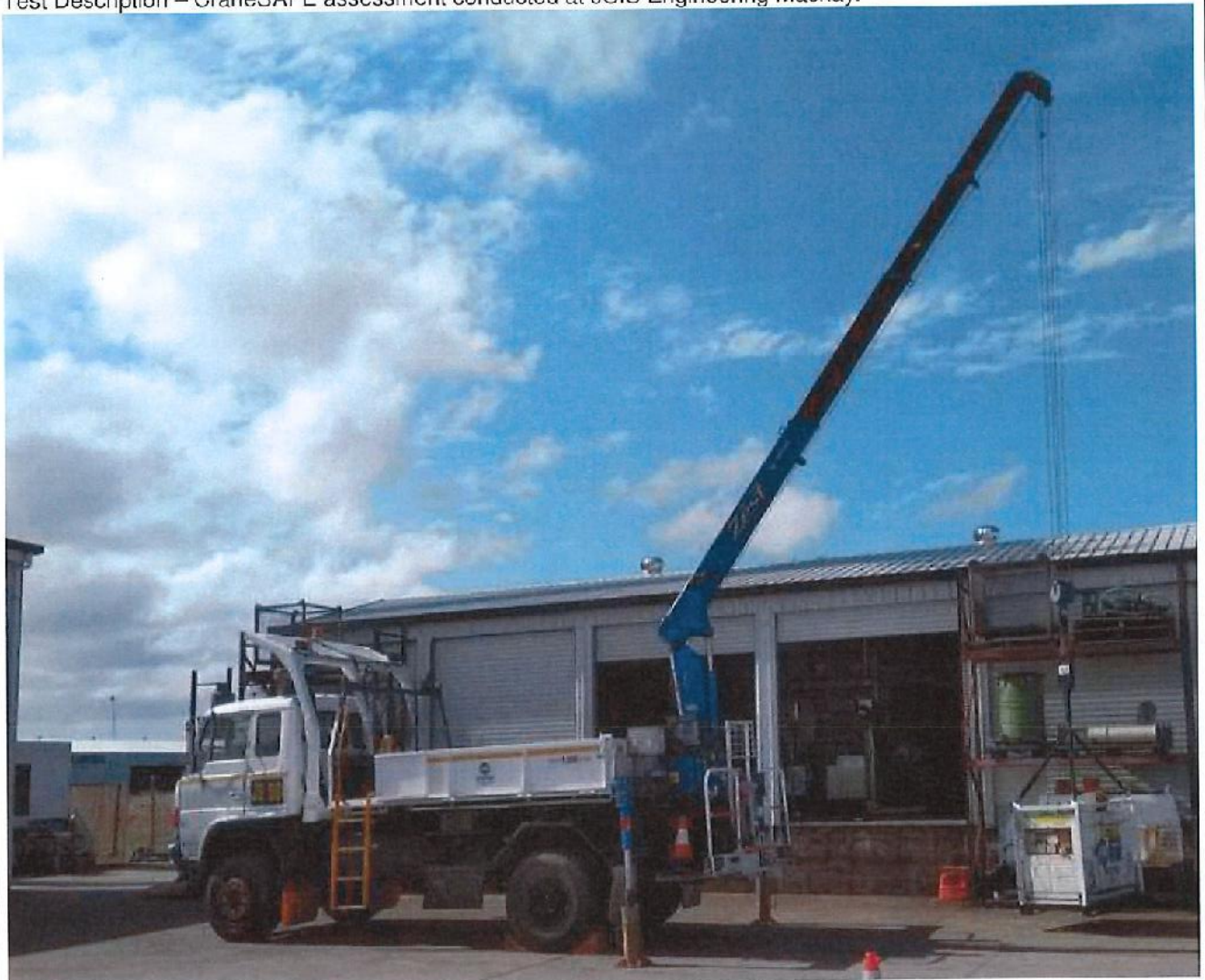
Usage history for DWP calculation has been supplied by client based on job history. Factor for duty estimation has been applied to this data in line with AS2550.1 – 2011 Table 9.6.2

¹ Replacement date based on estimated of complete utilisation of design life by either structural or mechanical components whichever comes first.

Unit Number
JSC-50
Load Testing

Test Date	20/11/2018	Reference Document	VLC A 135735-8
Test Type	Line Pull	Load Measurement Method	Load Cell
Test Load	3000 kg	Test Status	Pass
Test Type	Stability	Load Measurement Method	Load Cell
Test Load	690 kg	Test Status	Pass

Test Description – CraneSAFE assessment conducted at JSIS Engineering Mackay.


Comments

Testing observed by FIELD Engineers on 20-11-2018 also included:

1. Braking test to 100 % of line pull.
2. Motion limits of the RC limiter.

[illegible]

* Indicates report includes receipts as proof of works



PROJECT: 00502-001
CLIENT:
SUBJECT:

DOCUMENT #: 00502-001-C004A
DATE: 4-01-2019
BY: J.Grimmond

Machine Particulars

Assessment Date:	04-01-19
Client:	
Crane Owner:	
Crane Model:	ZE294 HRS
Crane Serial # :	EU7060
Date of Manufacture:	2010
Years in operation:	9
Maximum Rated Capacity:	3.03
Main Hoist Model Number:	ZE294 HRS
Factor for Duty Estimation :	1.5

Overview

The Design Work Period (DWP) assessment has been carried out per the requirements of AS2550.1-2011 clause 9.2.2 (e). This document uses lift information supplied to calculate the winch hours. Conservative estimation included installing the baulk head to each gate once per year, including work box movements for maintenance.

Crane Structure

OEM supplied the crane classification.

OEM Design Classification	Name	Value	Unit
Crane Class		C2	
Design Working Period	S.DWP	16000	[cycles]

DWP Calculation

Design Life	S.DL	25	[yrs]
Calculated Duty History	S.DH	4380	[cycles]
Percentage Usage of DWP	S.DWP.pc	27%	[%]
Projected DWP Usage per year	S.DWP.pca	3.0%	[%/yr.]
Remaining Design Cycles	R.DWP	11620	[cycles]
Projected Remaining Life at current utilisation	S.PL	23.9	[yrs]

Findings

The crane structure appears to be operating at duties far below its assumed classification. At current usage rates the structure will be effected more by deterioration of its mechanical seals and the electrical system exposure to environmental factors. Regulator maintenance is to be upheld, structural inspection to be completed due to crane age.



PROJECT: 00502-001
CLIENT:
SUBJECT:

DOCUMENT #: 00502-001-C004A

DATE: 4-01-2019

BY: J.Grimmond

Main Hoist - Mechanical

The Design Work Period (DWP) assessment has been carried out per the requirements of AS2550.1-2011 clause 9.2.2 (e). This document uses lift information supplied to calculate the winch hours.

OEM Supplied the winch classification.

Design Classification	Name	Value	Unit
Hoist Serial Number		ZE294 HRS	[#]
Hoist Classification		M1	
Design Working Period	M.DWP	100	[hrs]
Line Pull Capacity		0.7575	[t]
Reeving		4	
Hoist Lifting Capacity		3.03	[t]

DWP Calculation			
Design Life	M.DL	10	[yrs]
Calculated Duty History	M.DH	38	[hrs]
Percentage Current use of DWP	M.DWP.pc	38%	[%]
Projected DWP Usage per year	M.DWP.pca	4.2%	[%/yr.]
Remaining design hours	R.DWP.h	62	
Projected Remaining Life	M.PL	> 10 Years	[yrs]

Findings

The DWP shows that the winch will not exceed its design life prior to the next major inspection. Regulator maintenance is to be upheld.