SWIFT EQUIPMENT

Swift Equipment Pty Ltd
1/28 Corporate Tce, Pakenham, VIC 3810
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Report Number: SEQ3712
Report Date: 08/06/2021

Elevating Work Platform

MAJOR EXAMINATION

Manufacturer:	GENIE
Model:	GS4390RT
Serial Number:	659008-46901
Equipment Owner:	INSTANT ACCESS

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Proud Member of:

EWPA
Elevating Work Platform Association

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Major Inspection Checklist

Manufacturer:	GENIE	**Owner:**	INSTANT ACCESS
Model:	GS4390RT	**Asset Number:**	46901
Serial Number:	659008-46901	**Hour meter:**	1942
Date of Manufacture:	01/01/2008	**Odometer Reading:**	N/A
Date of Commission:	01/07/2008	**Design Registration No:**	N/A

Item No.	Item to be checked	Initial (Pass/Fail)	Final (Pass/Fail)	Notes
1	**GENERAL**			
1.1	Verification of serial number	Pass	Pass	
1.2	Completion of manufacturer's safety upgrades	Pass	Pass	
1.3	Modification to the latest standard (as far as reasonably practicable)	Pass	Pass	
1.4	Manufacturer’s manuals present.	Pass	Pass	
1.5	Manufacturer's specification plates (including rated capacity, slope and wind)	Pass	Pass	
1.6	Logbooks	FAIL	Pass	SUPPLIED NEW

Major Inspection Checklist

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
2	**SAFETY ITEMS**			
2.1	Operating decals, installed and legible	PASS	Pass	
2.1.1	General operating instructions	PASS	Pass	
2.1.2	Emergency operating instructions	PASS	Pass	
2.2	Emergency retrieval systems operates correctly	PASS	Pass	
2.3	Safety interlocks	Pass	Pass	
2.3.1	Stabilizer Interlocks	Pass	Pass	
2.3.2	Boom Interlocks	Pass	Pass	
2.3.3	Motion Interlocks (if fitted)	Pass	Pass	
2.4	Hazard warning decals fitted as applicable	FAIL	Pass	REPLACED WITH NEW

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
3	**INDICATORS/ALARMS**			
3.1	Level indicators/alarms function correctly	PASS	Pass	
3.2	Load indicators/limiters function correctly (if fitted)	Pass	Pass	
3.3	Hour meter operational	Pass	Pass	
3.4	Motion alarms	FAIL	Pass	REPAIRED
3.5	Other Indicators/Alarms	N/A	N/A	

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
4	**CONTROLS**			
4.1	Lower controls return to off and correctly labelled	Pass	Pass	
4.2	Lower controls isolate upper controls	Pass	Pass	
4.3	Upper controls return to off and correctly labelled	Pass	Pass	
4.4	Stabilizer controls (if fitted)	Pass	Pass	
4.5	Emergency stop/dead man function correctly	Pass	Pass	
4.6	Other Controls	N/A	N/A	
5	**FUNCTIONS & SPEEDS**			
5.1	Functions operate correctly	Pass	Pass	
5.2	Speeds set to specification	Pass	Pass	
5.3	Platform levelling system operates correctly	Pass	Pass	

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
6	**HYDRAULICS**			
6.1	All hydraulic hoses in serviceable condition and routed correctly	Pass	Pass	
6.2	System relief valves set to specification	Pass	Pass	
6.3	Loading holding valves operate correctly	Pass	Pass	
6.4	Accumulators inspected in accordance with AS/NZS 3788	Pass	Pass	
6.5	Hydraulic cylinders in serviceable condition	Pass	Pass	
7	**ELECTRICS**			
7.1	Electrical looms adequately installed and protected	PASS	Pass	
7.2	Electrical switches secured and operational	Pass	Pass	
7.3	Work lights function correctly (if fitted)	N/A	N/A	
7.4	Rotating beacons operate correctly (if fitted)	Pass	Pass	

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
8	**MECHANICAL CONDITION**			
8.1	Chains/wire ropes adequate condition on tensioned	Pass	Pass	
8.2	Sprockets/sheaves guarded as necessary	Pass	Pass	
8.3	Braking systems operational and hold load	Pass	Pass	
8.4	Pivot points adequately lubricated, secured and no excessive clearance	Pass	Pass	
8.5	Slew bearing condition within tolerance	Pass	Pass	1.05MM RUN OUT (1.60MM TOLERANCE)
8.6	Slew drive condition satisfactory	Pass	Pass	
8.7	Slew lock fitted and operational	Pass	Pass	
8.8	Counterweights secured	Pass	Pass	
8.9	Guarding adequate	Pass	Pass	
8.11	Wear pads within tolerance	Pass	Pass	

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
9	**STRUCTURAL CONDITION**			
9.1	Structural free from deformation	Pass	Pass	
9.2	Critical areas free of cracks	Pass	Pass	As per crack test report
9.3	Corrosion absent and surface condition protected	Pass	Pass	
9.4	Platform condition and guardrails adequate	Pass	Pass	
9.5	Platform gates self-closing and latching	Pass	Pass	
9.6	Platform floor condition adequate	Pass	Pass	
9.7	Travel rests satisfactory (boom type MEWPs)	Pass	Pass	
9.8	Personnel access adequate and slip resistant	Pass	Pass	

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
10	**TESTS**			
10.1	Function Test	Pass	Pass	
10.2	Load Test	Pass	Pass	
10.3	Braking Test	Pass	Pass	

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
11	**ADDITIONAL FOR SELF-PROPELLED MEWPs**			
11.1	Drive brakes hold MEWP on rated gradient	Pass	Pass	
11.2	Drive wheels axles and tyres adequate condition and correct specification	Pass	Pass	
11.3	Wheel nuts correctly torqued	Pass	Pass	
11.4	Extendible or oscillating axles function correctly and interlocked	N/A	N/A	
11.5	Slope alarm operates correctly	Pass	Pass	
11.6	Motion alarms operate correctly (if fitted)	Pass	Pass	
11.7	Audible warning device operational	Pass	Pass	
11.8	Engine, fuel and exhaust systems appropriately guarded sealed and serviceable	Pass	Pass	
11.9	Batteries adequately secured and with correct specification	Pass	Pass	
11.11	On board battery charger secured and adequately isolated from chassis	N/A	N/A	
11.12	Safety prop installed, labelled and functional (scissor type MEWPs)	N/A	N/A	
11.13	Condition of lifting eyes and tie-down adequate	Pass	Pass	
11.14	Harness anchor points satisfactory (boom type MEWPs)	Pass	Pass	

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
12	**ADDITIONAL FOR INSULATED MEWPs**			
12.1	Insulation marking fitted	N/A	N/A	
12.2	LV cover insulation fitted and in proper condition	N/A	N/A	
12.3	Boom insulator surfaces in good condition	N/A	N/A	
12.4	Fibreglass boom condition in good order	N/A	N/A	
12.5	Basket levelling rod condition	N/A	N/A	
12.6	Vehicle access adequate	N/A	N/A	
12.7	Basket emergency egress facility available and operational (e.g., basket tilt or escape hatch)	N/A	N/A	
12.8	Earthing system installed	N/A	N/A	
12.9	Electrical insulation acceptance test	N/A	N/A	
12.11	Hydraulic creep test	Pass	Pass	
12.12	Stability test	Pass	Pass	

Major Inspection Checklist

SWIFT EQUIPMENT

Item No.	Item to be checked	Initial Test (Pass/Fail)	Final Test (Pass/Fail)	Notes
13	**ADDITIONAL FOR PEDESTRIAN-CONTROLLED MEWPS**			
13.1	Parking brake holds load on rated gradient	N/A	N/A	
13.2	Batteries adequately secured and correct specification	N/A	N/A	
13.3	Onboard battery charger secured and adequately isolated from chassis	Pass	Pass	

10 Year Major Inspection
List of Significant Repairs

SWIFT EQUIPMENT

Manufacturer:	GENIE	**Owner:**	INSTANT ACCESS
Model:	GS4390RT	**Asset Number:**	46901
Serial Number:	659008-46901	**Hour meter:**	1942
Date of Manufacture:	01/01/2008	**Odometer Reading:**	N/A
Date of Commission:	01/07/2008	**Design Registration No:**	N/A

Additional Repairs Completed
REPLACE ALL SCISSOR STACK PINS
REPLACE MISSING HAND RAIL PINS

10 Year Major Inspection Test Certificate

SWIFT EQUIPMENT

Reference – AS/NZS 148.10 2011 – Elevating Work Platforms

Machine Model: GS4390RT

Serial Number: 659008-46901

Rated Load (SWL): 454kg

CLAUSE 3.6 PERFORMANCE REQUIREMENTS

3.6.3.1.1	Stability Test (static)	
	Static Test Load: 454kg	Complies: OK
3.6.4	Overload Test	
	Overload Test Load: 499kg	Complies: OK
3.6.5	Functional Test	
	Rated Load: 454kg	Complies: OK

10 Year Major Inspection Test Certificate

SWIFT EQUIPMENT

DECLARATION BY INSPECTING ORGANISTION

I hereby certify that the Elevating Work Platform identified above has been inspected in accordance with the requirements of AS2550.10 and has been found to be in a safe serviceable condition at the time of inspection.

Inspecting Organisation: SWIFT EQUIPMENT PTY LTD

Authorised Representative: MATTHEW O'CONNOR

Company ABN: 52 613 199 170 **Date:** 08/06/2021

The following inspection and test reports form part of the major inspection requirements and have been completed.

Report	Description	Organisation	Report number
1	Examination of structural mechanical components	Gippsland NDT	GNDT21-2630.1
2	Non- destructive testing of critical structural mechanical components	Gippsland NDT	GNDT21-2630.1
3	Function test	SWIFT EQUIPMENT	SEQ3712
4	Load test	SWIFT EQUIPMENT	SEQ3712
5	Stability test	SWIFT EQUIPMENT	SEQ3712
6	Electrical insulation acceptance test	N/A	N/A
7	Accumulator inspection	N/A	N/A
8	Other		

Gippsland NDT Services PTY LTD
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Morwell, 3841
Phone +61 3 51361800
info@gippslandndt.com.au

Non-Destructive Testing – Ultrasonic Report

Client: Swift Equipment, Factory 1/28 Corporate Terrace, Pakenham, 3810, Vic

Report No:	GNDT21-2630(UT)	**Test Date:**	1/06/2021
Order No:	TBA *	**Requested By:**	Matt O'Connor
Job No:	TBA *	Request No: N/A *	
Job Location:	1/28 Corporate Terrace, Pakenham		
Description:	Genie Scissor Lift (Model: GS-4390, Serial No. GS9004-46901)		
Acceptance Spec:	Clients Requirements 'Nil Cracks' *		
Test Technique:	GNDT-WI-UT08		
Procedure:	GNDT-WI-UT08		
Material Spec:	Carbon Steel		
Material Prep:	In Situ		
Technician:	Jens Kuhne (ISO 9712 L3)		

Equipment:

Ultrasonic Flaw Detector: Epoch 1000 **Serial Number:** 090025503

Probe(s):	Type	Size	Angle	Index	Frequency	Serial No
B4S	Single	24mm	0	-	4MHz	57746-54176
B2S	Single	24mm	0	-	2MHz	57745-03484

Couplant: Gel

Calibration Blocks: IIW

Test Results

Ultrasonic inspection was carried out in accordance with Clients Requirements 'Nil Cracks'. Refer to the following for results:

Item	Interpretation
100% of Pins	Nil Recordable Reflectors

*Disclaimer: GNDT is not responsible for data/information supplied by the client in the form of purchase orders, request's, etc., that may affect the validity of results. Clients supplied data has been noted by *. The results presented in this report relate only to the welds, items or samples selected by the client for the purpose of testing.*

NATA WORLD RECOGNISED ACCREDITATION

Accredited for compliance with ISO/IEC 17025 - Testing.
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Delegated Signatory: .....

Signed: Jens Kuhne

Date: 2/06/2021

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Non-Destructive Testing – Eddy Current Report

Client: Swift Equipment, Factory 1/28 Corporate Terrace, Pakenham, 3810, Vic

Report No:	GNDT21-2630(ET)	**Test Date:**	1/06/2021
Order No:	TBA *	**Requested By:**	Matt O'Connor
Job No:	TBA *	Request No: N/A *	
Job Location:	1/28 Corporate Terrace, Pakenham		
Description:	Genie Scissor Lift (Model: GS-4390, Serial No. GS9004-46901)		
Acceptance Spec:	Clients Requirements 'Nil Cracks' *		
Test Technique:	ISO 17643 (2015)		
Procedure:	GNDT-WI-ET01		
Material Spec:	Carbon Steel	**Heat Treatment:**	N/A
Material Prep:	Painted	**Joint Type:**	Fillet/Butt
Welding Process:	As Welded	**Joint Thickness:**	Various
Coating Type:	Paint	**Coating Thickness:**	<0.5mm
Technician:	Jens Kuhne (ISO 9712 L3)		

Equipment:

Eddy Current Flaw Detector:	Olympus Nortec 500D	**Serial Number**	60006184375
Absolute Probe :	NEC-2236/7L	**Serial Number**	K26760
Operating Frequency:	200kHz		
Weld Scan Probe :	Olympus NDT WLD 8-55/7L	**Serial Number**	K27100
Operating Frequency:	100kHz		
Calibration Block(s) :	Fe EDM Block	**Serial Number**	K26443
Sensitivity:	1.0 mm EDM to 80% FSD	**Phase:**	314°

Test Results

Eddy Current examination was carried out in accordance with the requirements of ISO 17643 on the following welds:

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Delegated Signatory:

Signed: Jens Kuhne

Date: 2/06/2021

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info@gippslandndt.com.au

Client: Swift Equipment
Date : 1/06/2021
Job Description: Genie Scissor Lift (Model: GS-4390, Serial No. GS9004-46901)
Report Number : GNDT21-2630(ET)

Description	Interpretation
Base Structural Welds	Nil Evidence of Cracking
Scissor Arm Assembly Welds & Pivot Point Welds	Nil Evidence of Cracking
Wheels & Steering Assembly	Nil Evidence of Cracking
Deck Assembly Welds	Nil Evidence of Cracking

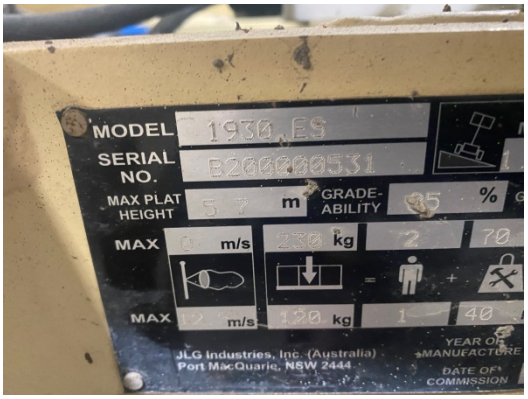


Photo 1


Photo 2



Photo 3


Photo 4