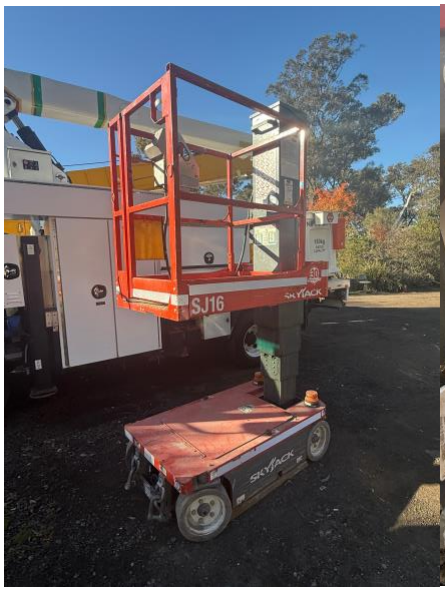
S&M Cranes Pty Ltd
81 Pitt Town Road,
Kenthurst NSW 2156
Australia
Phone: 0405 063 026
accounts@sandmcranes.com.au

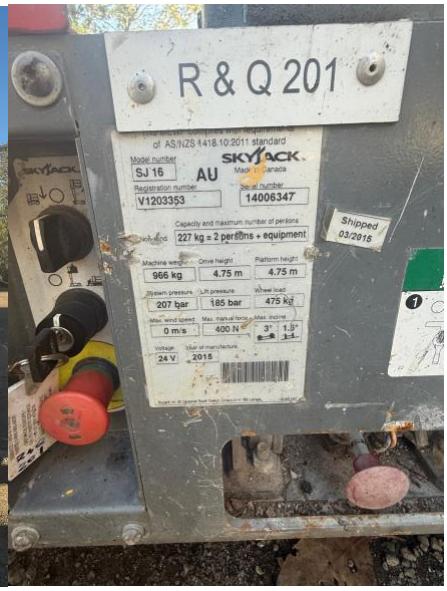
10 YEAR NDT INSPECTION REPORT

Date of Inspection: 30.6.2025
Client: Ziggys Cranes
Correlation Number: A404
Plate Number: 924
Certificate Reference: 67085

Inspector: Levi Morandin
Location: S&M Yard
Telephone Number: 0405 063 026
Test Specification: AS2550, AS1418.1
Acceptance Spec: Report on condition of machine

Nature of Test: Perform 10yr NDT Inspection.
Job Identification: Skyjack SJ16 **Serial:** 14006347





The following EWP underwent a thorough NDT inspection in accordance with the following relevant Australian Standards AS2550, AS1418 and as per manufactures guidelines.

All items were inspected or repaired in accordance with the above-mentioned Australian Standards or Codes.

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Hydraulic System

The hydraulic system was in good working order with no apparent leaks or evidence of wear, the pump operated to within manufactures specifications. All holding valves and locking valves are in good order, with no load applied there was no excessive seepage am rear of lift cylinder holding valve at time of test.

Hydraulic Cylinders

Main Lift Cylinder and outrigger cylinders underwent a thorough NDT inspection as per Australian Standards. There was no evidence of stress fractures or cracking at time of test. All cylinders are in good working order with no apparent leaks, seepage or wear.

Hydraulic Hoses

All hoses are in good order with no apparent leaks or stretching, there was no apparent evidence of fatigue or abnormal wear.

Chassis

All chassis components are in good order and there was no excessive wear evident, the chassis revealed no evidence of cracking during NDT examination, areas were tested as per manufactures guidelines.

Load Charts and Warning Systems

All load charts are clearly visible and warning systems are in good working order at the time of testing.

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Major Inspection	OK	N/A	FAIL
Chassis including outriggers and boxes		✓	
Drive train and suspension components	✓		
Slew ring		✓	
Slew ring bolts		✓	
Hook rollers		✓	
Drive systems including winches, hydraulic motors, gearbox, and drive shaft	✓		
Control systems	✓		
Braking systems	✓		
Electrical systems	✓		
Hydraulic systems—cylinders including outrigger cylinders		✓	
Booms		✓	
Safety devices including rated capacity limiters and load indicators	✓		
Outriggers		✓	
Steel wire ropes		✓	
Rope sheaves		✓	
Electrical systems - hazardous voltage	✓		
Control systems - non-hazardous voltage	✓		
Electric motors	✓		
Hook assembly		✓	

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Major Inspection Report

The following machine and its components have been fully inspected as per the manufacture's recommendations and in accordance with the relevant Australian Standards AS2550 and AS1418.1

Results of Inspection

Items inspected are as per the Manufactures guide to Major Inspections and Australian Standards AS2550, AS 1418.1 the areas examined are as outlined in the following sections

This document is to certify that the EWP manufactured by Skyjack SJ16 serial:14006347has undergone full load, stability, and structural testing as per AS2550, AS1418.1 and as per the manufacturer's recommendations.

We hereby certify that the abovementioned crane is in a safe and structurally sound condition at time of inspection and is ready to be put back into full service as of the 30th June 2025 Next due JUNE 2030

Levi Morandin NSW1025

Report No: 251051 - 1 Rev 0

S&M Cranes Pty Ltd
81 Pitt Town Rd, Kenthurst NSW 2156

Eddy Current Examination
Of
Sky Jack Man Lift

Inspection Date: **25 June 2025**

Report Issue Date: **26 June 2025**

Reported & Certified By:

Jordan Smith
ISO 9712:2021
AINDT No. 8158
MT, PT Level 2, ET, UT Level 1

Reviewed By:

Riley Patrick
ISO 9712:2021
AINDT No: 7481
MT, PT Level 2

Accredited For Compliance with ISO/IEC 17025 - Testing Facility Number: 21177 Site Number: 25480

UNIT 3, 7 WAYNOTE PLACE, UNANDERRA NSW 2526 ABN: 19657229466

Client:	S&M Cranes Pty Ltd	**Contract No:**	251051	
Job Location:	81 Pitt Town Rd, Kenthurst NSW 2156	**Test Date:**	25 June 2025	
Purchase Order:	Cash Sale	**Job Number:**	Not Stated	
Lead Technician:	Jordan Smith	**Qualifications:**	AINDT L2	8158

Executive Summary

An examination was conducted on Sky Jack Man Lift. Testing of nominated Welds & HAZ area, as per client request.

At the time of examination, all Welds & HAZ area had no evidence of cracking detected.

See Below for further details.

Test Restrictions / Deviations

1 Tested in assembled condition, resulting in reduced accessible areas

Refer to Appendix A for Examination General Parameters

Refer to Appendix B for Test Method Parameters

Test Item:	Sky Jack Man Lift
Model No:	SJ16
Serial No:	14006347
Year of Manufacture:	2015

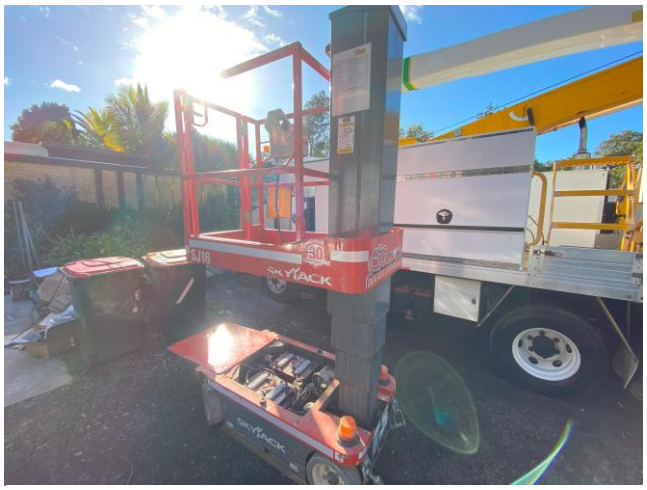
Table 1 – Detailed Test Results

Items Examined	Area Examined	Test Method	Findings
Platform gate structure	All structural welds	ET	NCD
Lanyard attachment points	All structural welds	ET	NCD
Platform base structure	All structural welds	ET	NCD
General frame structural welds	All Accessible welds	ET	NCD
Mast to Base Plate Welds	All Accessible welds	ET	NCD
Front Drive Motor Weld Assembly	All Accessible welds	ET	NCD

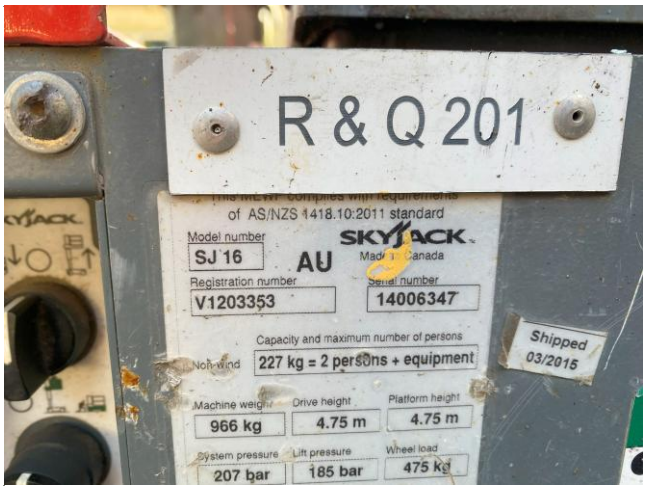
Notes / Additions:

1. NCD = No Cracking Detected.

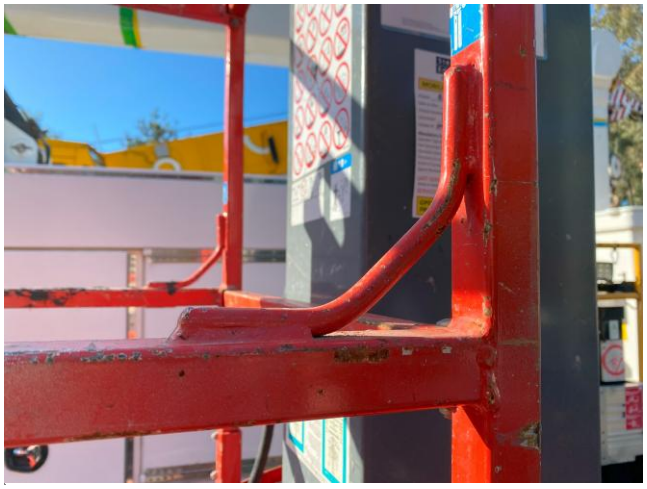
Photographs



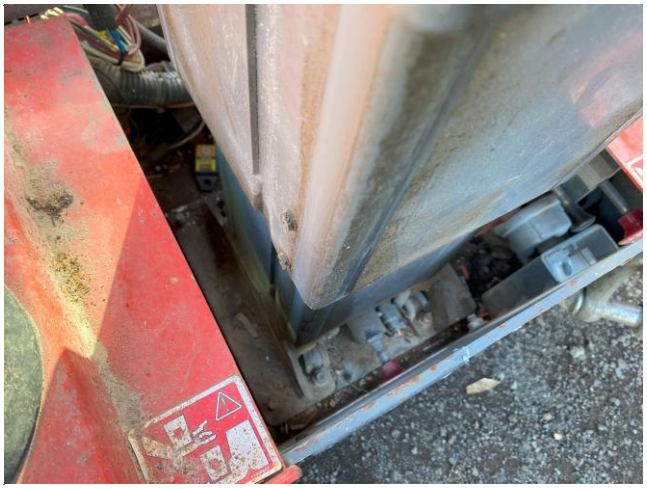
Photograph 1 – *Overview of Man Lift*



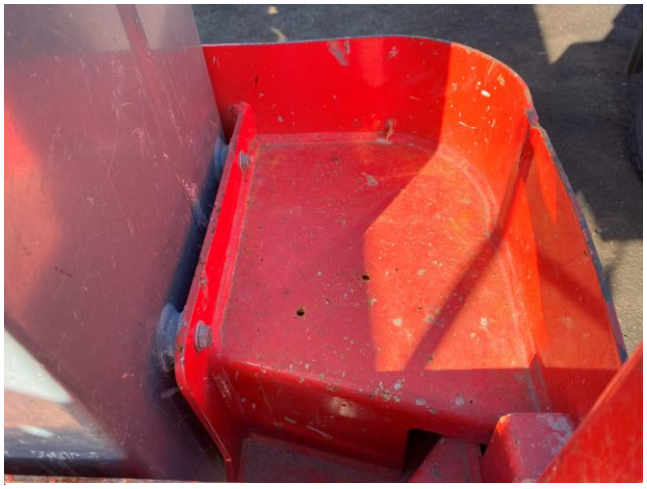
Photograph 2 – *Data Plate*



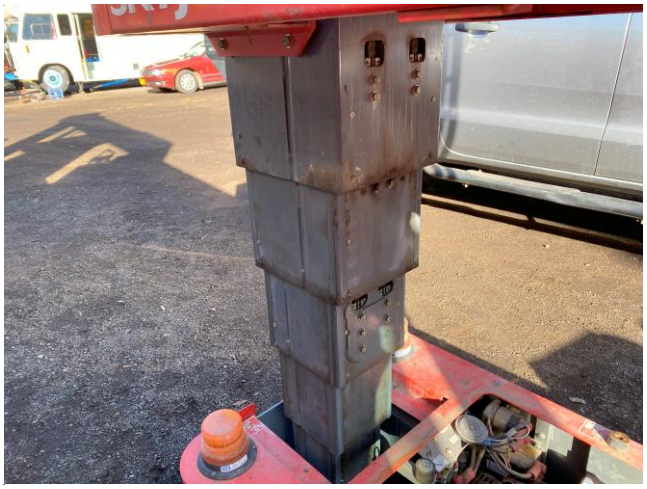
Photograph 3 – *Lanyard Attachment Point*



Photograph 4 – *Mast to Base Weld*



Photograph 5 – *Typical General Frame Welds*



Photograph 6 – *Overview of Mast*

Appendix A - Examination General Parameters

General Test Parameters			
Construction Code:	Not Stated	**Manufacture Stage:**	In Service
Acceptance Criteria:	Evaluation For Cracking	**Table:**	Not Applicable
Material:	Carbon Steel - Grade not Specified	**Weld Process:**	Not Stated
Material Thickness:	Various	**Heat Treatment:**	Not Stated
Surface Temperature:	Ambient	**Surface Preparation:**	Wire Brush
Surface Condition:	In Service / Painted	**Test Area:**	Welds & HAZ area

Appendix B - Test Method Parameters

Eddy Current					
Method Code:	ISO 17643:2015		**Test Procedure:**	P-CIS-ET-002 R0	
Test Method:	Surface		**Surface Coating**	Yes	
Coating Type	Non-Conductive		**Coating Thickness:**	< 0.5mm	
Technique:	As per procedure		**Weld Configuration:**	Full Penetration & Fillet Welds	
Machine Asset No:	ET-010		**Machine Make / Model:**	Olympus	Nortec 600
Probe Config.	**Serial No:**	**Manufacture**	**Model No:**	**Coil Type:**	**Probe Dia**
Probe 1	(J) S37795	Olympus	9403373	Bridge / Orthogonal	5mm
Probe Sensitivity:	**Frequency**	**Phase Ang**	**Ref. Reflector**	**Ref. SH%**	**dB Ref. Level**
Probe 1	100KHz	0°	1.0mm EDM Notch	80%	75 / 75
Probe Specs:	Refer to manufacture specifications		**Cable Specs:**	2.5m - Single Coaxial	
Calibration Specs	**S/N:**	**Type:**	**Model:**	**Material:**	**Reflector:**
Calibration Block 1	408587 / 17	Sensitivity	ATBW	C / S	EDM Notch
Order of Accuracy:	+ / - 5mm in Length (95% confidence level)		**Periodic Verification Checks**	Start: Yes	End: Yes

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Rev Number	Issue Date	Revision Details
0	26 June 2025	Report Issued