instantAccess
The Access Specialists

Instant Access Australia Pty Limited
1/2 Cyanamid Street, Laverton North, VIC 3026
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Report Number:	INST–111
Report Date:	17.03.2022

Elevating Work Platform

MAJOR EXAMINATION

Manufacturer: JLG

Model: 450AJ

Serial Number: 0300145248

Owner: Instant Access

Instant Access Australia Pty Limited
1 / 2 Cyanamid Street, Laverton North, VIC 3026
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Proud Member of:

EWPA
Elevating Work Platform Association

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Major Inspection Checklist

instantAccess

Manufacturer:	JLG	Owner:	Instant Access
Model:	450AJ	Asset Number:	145248
Serial Number:	0300145248	Hour Meter:	1687.20
Date of Manufacture:	03-2011	Odometer Reading:	N/A
Date of Commission:	06-2011	Design Registration No:	

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	Pass	Pass	

Major Inspection Checklist

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Item No.	Item to be checked	Initial (Pass / Fail)	Final (Pass / Fail)	Notes
2.	**SAFETY ITEMS**	**Pass**	**Pass**	
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 operate correctly	**Pass**	**Pass**	
2.3	Safety interlocks	**Pass**	**Pass**	
2.3.1	Stabiliser Interlocks	**N/A**	**N/A**	
2.3.2	Boom Interlocks	**N/A**	**N/A**	
2.3.3	Motion Interlocks (if fitted)	**Pass**	**Pass**	
2.4	Hazard warning decals fitted (as applicable)	**Pass**	**Pass**	

Major Inspection Checklist

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Item No.	Item to be checked	Initial (Pass / Fail)	Final (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	**Pass**	**Pass**	
3.5	Other Indicators / Alarms	**N/A**	**N/A**	

Item No.	Item to be checked	Initial (Pass / Fail)	Final (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	Stabiliser controls (if fitted)	N/A	N/A	
4.5	Emergency stop / dead man functions correctly	Pass	Pass	
4.6	Other Controls	N/A	N/A	

Item No.	Item to be checked	Initial (Pass / Fail)	Final (Pass / Fail)	Notes
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

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Item No.	Item to be checked	Initial (Pass / Fail)	Final (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	**N/A**	**N/A**	
6.5	Hydraulic cylinders in serviceable condition	**Pass**	**Pass**	

Item No.	Item to be checked	Initial (Pass / Fail)	Final (Pass / Fail)	Notes
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**	

Item No.	Item to be checked	Initial (Pass / Fail)	Final (Pass / Fail)	Notes
8.	**MECHANICAL CONDITION**			
8.1	Chains / wire ropes adequate condition on tensioned	N/A	N/A	
8.2	Sprockets / sheaves guarded as necessary	N/A	N/A	
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	
8.6	Slew drive condition satisfactory	Pass	Pass	
8.7	Slew lock fitted and operational	N/A	N/A	
8.8	Counterweights secured	Pass	Pass	
8.9	Guarding Adequate	Pass	Pass	
8.10	Wear pads within tolerance	Pass	Pass	

Major Inspection Checklist

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Item No.	Item to be checked	Initial (Pass / Fail)	Final (Pass / Fail)	Notes
9.	**STRUCTURAL CONDITION**			
9.1	Structural free from deformation	**Pass**	**Pass**	
9.2	Critical areas free of cracks	**Fail**	**Pass**	**Repaired by Instant Access workshop**
9.3	Corrosion absent and surface condition protected	**Pass**	**Pass**	
9.4	Platform condition and guardrails adequate	**Fail**	**Pass**	**Repaired by Instant Access workshop**
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**	

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

Item No.	Item to be checked	Initial (Pass / Fail)	Final (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	**Pass**	**Pass**	
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**	
11.10	On board battery charger secured and adequately isolated from chassis	**N/A**	**N/A**	
11.11	Safety prop installed, labelled and functional (scissor type MEWPs)	**N/A**	**N/A**	
11.12	Condition of lifting eyes and tie-down adequate	**Pass**	**Pass**	
11.13	Harness anchor points satisfactory (boom type MEWPs)	**Pass**	**Pass**	

Item No.	Item to be checked	Initial (Pass / Fail)	Final (Pass / Fail)	Notes
12.	***ADDITIONAL FOR*** **PEDESTRIAN-CONTROLLED MEWPs**			
12.1	Parking brake holds load on rated gradient	N/A	N/A	
12.2	Batteries adequately secured and correct specification	N/A	N/A	
12.3	Onboard battery charger secured and adequately isolated from chassis	N/A	N/A	

10 Year Major Inspection
List of Significant Repairs

instantAccess

Manufacturer:	JLG	Owner:	Instant Access
Model:	450AJ	Asset Number:	145248
Serial Number:	0300145248	Hour Meter:	1687.20
Date of Manufacture:	03-2011	Odometer Reading:	N/A
Date of Commission:	06-2011	Design Registration No:	

Additional Repairs Completed

As per Service Work Order 201/530451

10 Year Major Inspection
TEST CERTIFICATE

instantAccess

REFERENCE – AS/NZS 148.10 2011 – ELEVATING WORK PLATFORMS

Machine Model:	**450AJ**
Serial Number:	**0300145248**
Rated Load (SWL):	**230 Kg**

CLAUSE 3.6 PERFORMANCE REQUIREMENTS

3.6.3.1.1	Stability Test (static) Static Test Load: kg 230 Kg	Complies: OK
3.6.4	Overload Test Overload Test Load: 250kg	Complies: OK
3.6.5	Functional Test Rated Load: 230 Kg	Complies: OK

10 Year Major Inspection
TEST CERTIFICATE

instantAccess

DECLARATION BY INSPECTING ORGANISATION

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: **Instant Access**

Authorised Representative: **Peter Grimaud**

Company ABN: 20 001 872 500 **Date:** 21.03.2022

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	Tru-Test Inspection Services	TT22-213-021
2.	Non- destructive testing of critical structural mechanical components	Tru-Test Inspection Services	TT22-213-021
3.	Function test	Instant Access	INST-111
4.	Load test	Instant Access	INST-111
5.	Stability test	Instant Access	INST-111
6.	Electrical insulation acceptance test	N/A	N/A
7.	Accumulator inspection	N/A	N/A
8.	Other		

TRU·TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

NON-DESTRUCTIVE TEST REPORT

Client:	InstantAccess	**Plant Owner:**	N/A
Job Identification:	Unit: 145248	**Inspection Address:**	1/2 Cyanamid Street Laverton North Vic 3026
TTIS Procedure No.:	As per Cr Inspection 01		
Job No.:	924		
Client Job No.:	N/A	**Order:**	Verbal (Peter)
Design/Construction Code:	Nil cracks	**Drawing No.:**	N/A
Material Type:	Carbon steel	**Surface Condition:**	Painted (<500 microns)
Comments/Restrictions:	100% denotes where accessible. Slew Bolts not tested, client advised new bolts to be installed?		

ITEM INSPECTED:

At the request of Mr Peter Grimaud of InstantAccess, on behalf of the client, InstantAccess, a major Non-Destructive Testing and Inspection examination was carried out on the following device:

Make:	JLG (Refer photo 1)
Model:	450AJ
Serial No.:	0300145248 (Refer photo 2)
D.O.M.:	03/11
Hours:	1,685 as indicated (Refer photo 3)
Klms:	N/A
Reg. No.:	N/A
Asset No.:	Unit: 145248

Nil linear deleterious discontinuities were detected at time of inspection.

TEST PERSONNEL: B. Knowles	
Signatory: B. Knowles	Sign:
Report Date: 7 Mar 2022	

TRU·TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

NON-DESTRUCTIVE TEST REPORT (cont'd)

EQUIPMENT UTILIZED

Eddy Current Inspection	Yes
ET Testing Method:	As per AS 4544
ET Instrument:	Krautkramer Phasec 3D (Serial No: 401013)
ET Ref./Calibration Standard:	Hocking EDM Cal Block (Serial No: 303787/1)
ET Probe Details:	100Khz/fe (Serial No: 592740/02)
Ultrasonic Inspection	Yes
UT Testing Method:	As per AS 1710
UT Instrument:	Krautkramer USM 35 X (Serial No: 0534a)
UT Calibration Standard:	Krautkramer 2-20mm Calibration Block (Serial No: AO2890)
UT Probe Details:	Krautkramer 0 Degree, 2Mhz (Serial No: 91300528)
Couplant:	Polycell
Magnetic Particle Inspection	Yes
MT Testing Method:	As per AS 1171
MT Instrument:	Magnaflux Y6 (240V AC)
Consumables	Magnaflux white background WCP 2 (Batch# 10MO5K)
Paint Thickness Inspection	Magnaflux black ink 7HF (Batch # 19BO4K)
PT Instrument:	
PT Calibration Standard:	

TEST PERSONNEL: B. Knowles	
Signatory: B. Knowles	Sign:
Report Date: 7 Mar 2022	

TRU·TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

NON-DESTRUCTIVE TEST REPORT (cont'd)

ITEM INSPECTED DETAILS

An Eddy Current Inspection was carried out on the following:-

- 100% of Chasis welds ****1 x crack detected in rear axle to chassis. Confirmed with MPI.(Refer photo 5)****

- 100% of Lifting and Tie Down welds

- 100% of Boom Extension welds

- 100% of Frame Mount Mount welds

- 100% of Turret Section welds

- 100% of Platform Safety Harness Attachment Point welds

- 100% of Platform Structural welds****1 x crack detected. Confirmed with MPI. (Refer photo 8)**

- 100% of Safety Cage Assembly welds

- 100% of Hyrdraulic Ram Mount welds

- 100% of Axle Mount Assembly welds

REMEDIAL WORKS: Affected areas ground back and rewelded. (Refer photo 9-10) Reinspection revealed nil linear deleterious discontinuities were detected at the time of inspection.

An Ultrasonic examination was carried out on 100% of Pivot Point pins and 100% of Hydraulic Ram Connecting Pins in situ.

Nil fractures were detected at the time of inspection.

TEST PERSONNEL: B. Knowles	
Signatory: B. Knowles	Sign:
Report Date: 7 Mar 2022	

TRU·TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs



Photo 1

TEST PERSONNEL: B. Knowles		
Signatory: B. Knowles	Sign:	
Report Date: 7 Mar 2022		

TRU·TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)

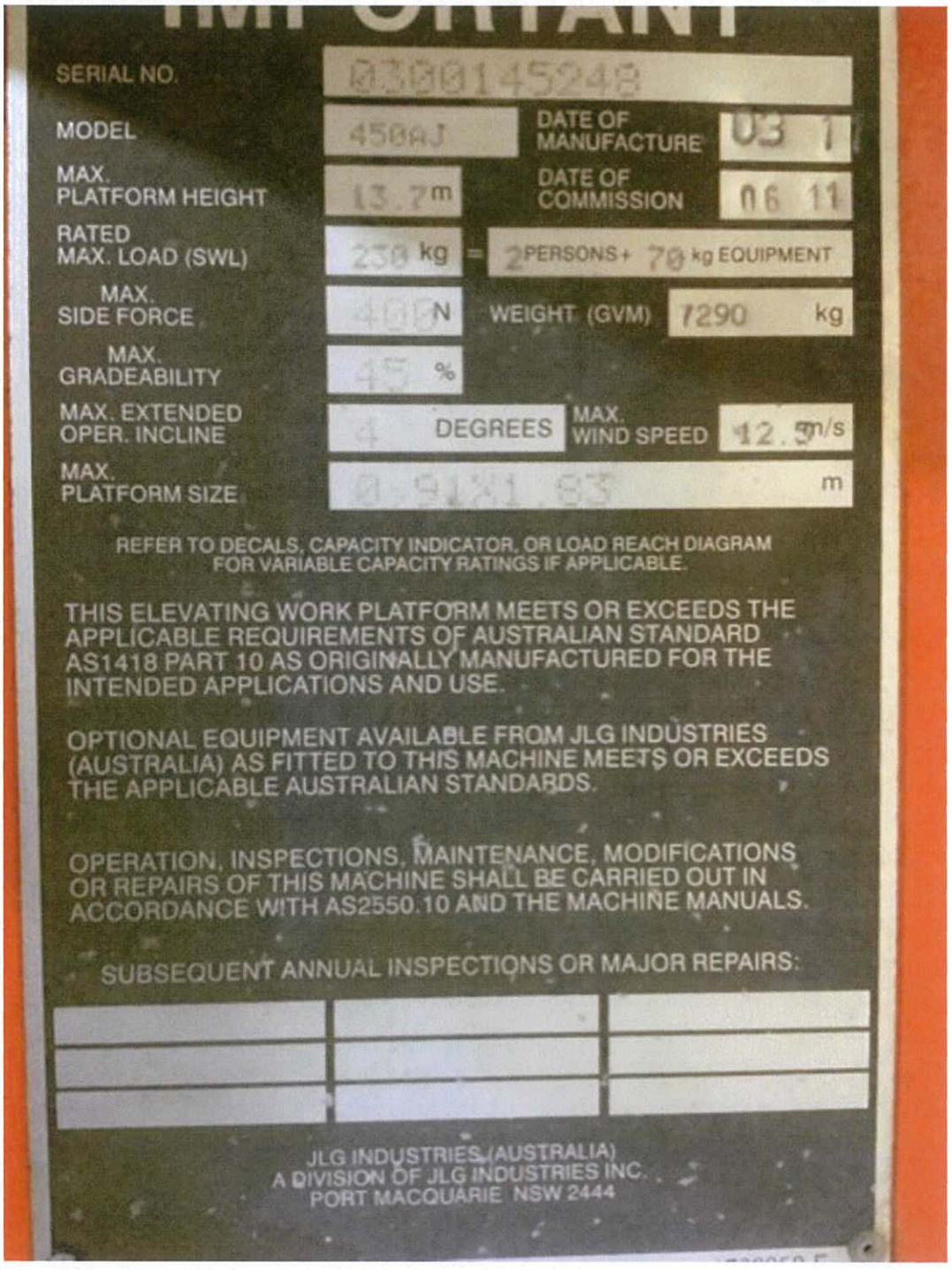


Photo 2

TEST PERSONNEL: B. Knowles	
Signatory: B. Knowles	Sign:
Report Date: 7 Mar 2022	

TRU·TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)

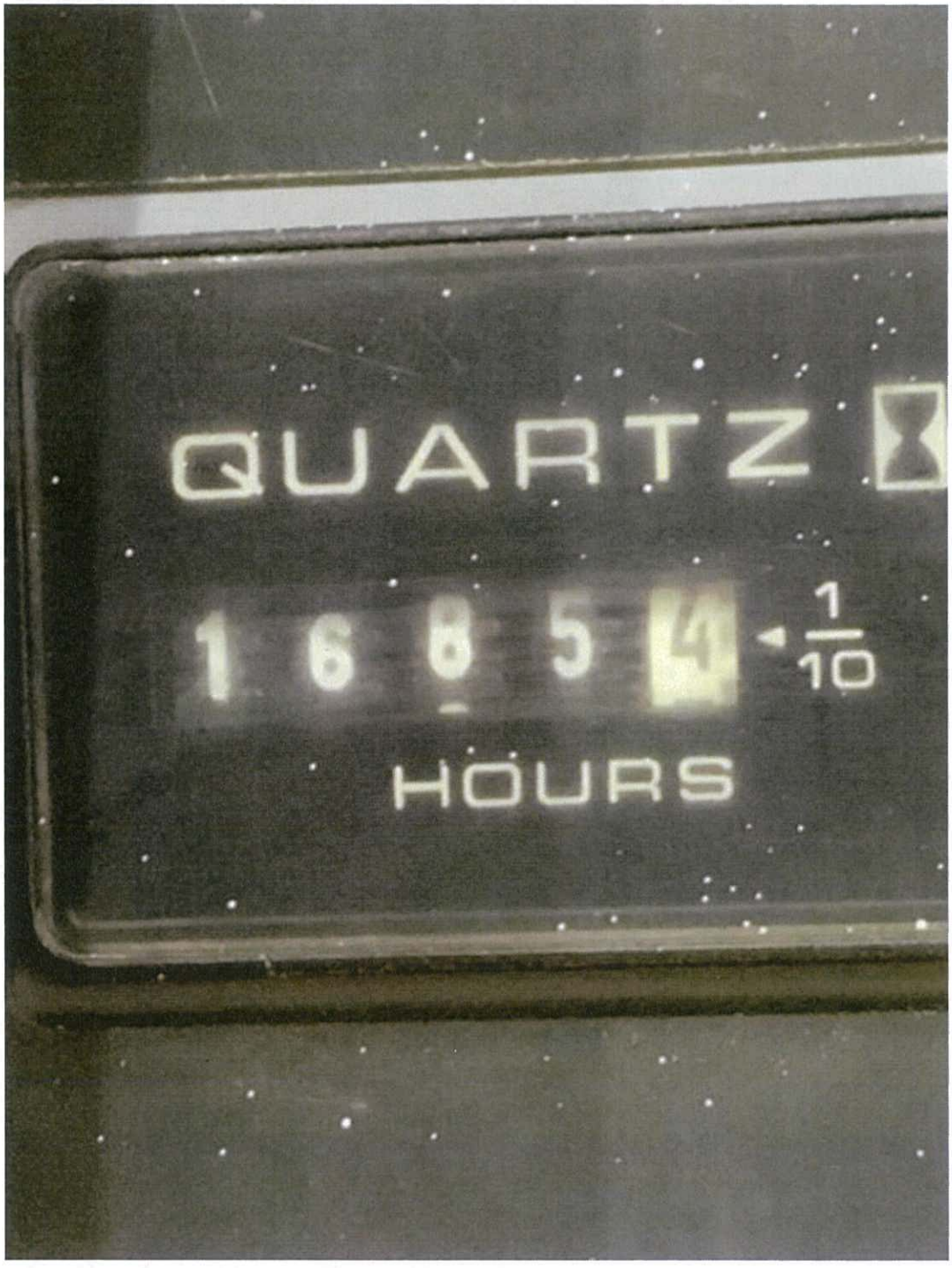


Photo 3

TEST PERSONNEL: B. Knowles	
Signatory: B. Knowles	Sign:
Report Date: 7 Mar 2022	

TRU-TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)



Photo 4

TEST PERSONNEL: B. Knowles		
Signatory: B. Knowles	Sign:	
Report Date: 7 Mar 2022		

TRU·TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)

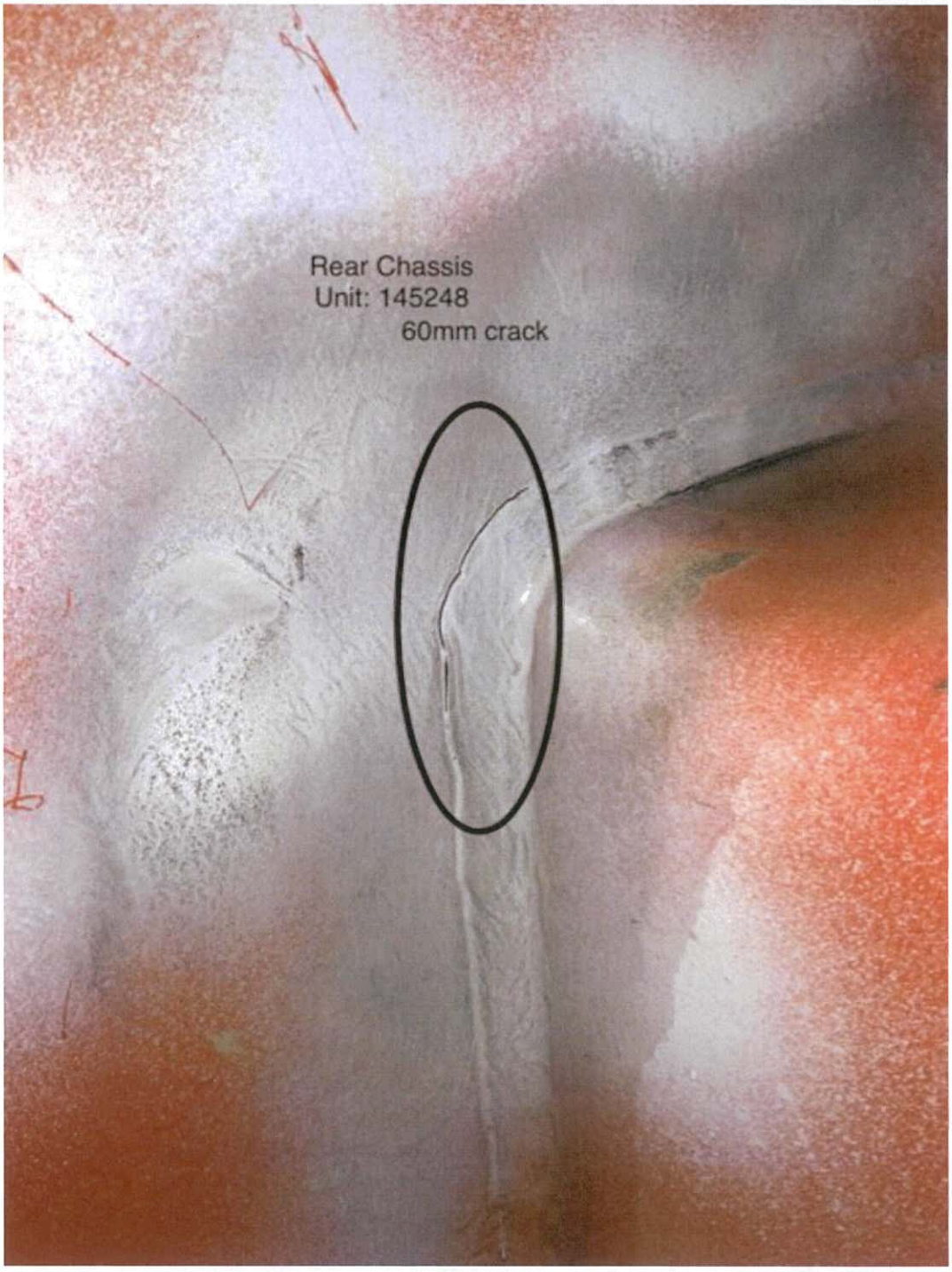


Photo 5

TEST PERSONNEL: B. Knowles	
Signatory: B. Knowles	Sign:
Report Date: 7 Mar 2022	

TRU·TEST INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)



Photo 6

TEST PERSONNEL: B. Knowles		
Signatory: B. Knowles	Sign:	
Report Date: 7 Mar 2022		

TRU·TEST
INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)



Photo 7

TEST PERSONNEL: B. Knowles		
Signatory: B. Knowles	Sign:	
Report Date: 7 Mar 2022		

TRU·TEST
INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)

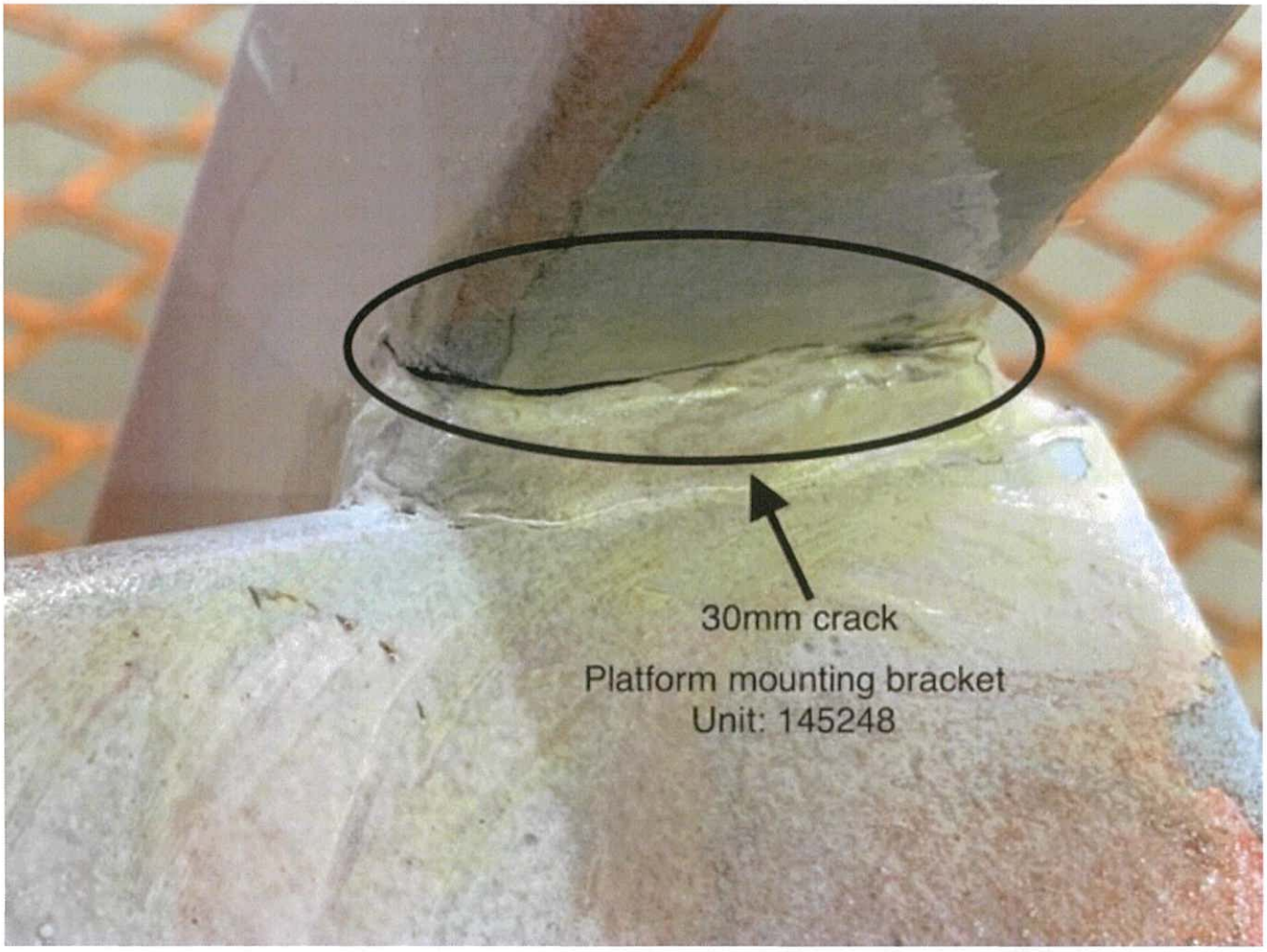


Photo 8

TEST PERSONNEL: B. Knowles		
Signatory: B. Knowles	Sign:	
Report Date: 7 Mar 2022		

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INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)



Photo 9

TEST PERSONNEL: B. Knowles		
Signatory: B. Knowles	Sign:	
Report Date: 7 Mar 2022		

TRU·TEST
INSPECTION SERVICES

Report No.:	TT22-213-021Rev1
Test Date:	7 Mar 2022

Photographs (cont'd)



Photo 10

TEST PERSONNEL: B. Knowles		
Signatory: B. Knowles	Sign:	
Report Date: 7 Mar 2022		