

- ✓ NDT & Inspection
- ✓ Hydrostatic testing
- ✓ Weld qualification
- ✓ Concrete testing
- ✓ Mechanical testing
- ✓ Metallurgical services
- ✓ Chemical analysis & PMI
- ✓ Pressure plant inspection

Ultrasonic test report



Report number	LA26-0018-01 UT
Customer name	Leed Steel Pty Ltd
Address	513 Atkins Street Albury NSW Australia 2640
Requested by	Shaun Dance
Purchase order	PO-34332
Accredited laboratory	LMATS Albury Laboratory
Test date	19/01/2026
Job address	LMATS Albury Laboratory
Job description	UT Testing to ISO verification plates
Identification	WPS-013A
Material grade	AS/NZS 1594(2002)HA350
Test specification	EN ISO 9606-1:2017
Test method	ISO 17640 - 2018-UT - weld
Test procedure	TP-UT-38 (I1,R1) (R2024)
Surface condition	As welded
Surface preparation	Wire brushed
Scan area	100% weld zone and associated HAZ
Probe positions	Refer to the following page
Test equipment	'A' Scan presentation, L002986
Couplant	Polypaste
System accuracy	Not applicable for flaw detection
Calibration block	L0612 AS 2083 Bl. 1 IIV Bl. 1 ASTM E164 V1 - 1.5mm SDH, L005122 3mm SDH Custom block
Transducers	Refer to the following page
Special equipment	Nil
Transfer correction gain	Not required
Damping & reject settings	None
Scanning sensitivity	80% FSH from a Ø3.0mm SDH + 6 dB (DAC)
Evaluation sensitivity	80% FSH from a Ø3.0mm SDH (DAC)
Sizing technique	Last significant Echo
Approved tester	Andrew Falzon (Welding supervisor AS 2214, AINDT L2 MT, UT)
Test results	Refer to Table 1 for test area identification and results

REMOVED



Accreditation No. 15840

Accredited for compliance with
ISO / IEC 17025 - Testing

Signatory
Wayne Blakeman
(AINDT L2 UT MT PT)



Report issued on 27/01/2026

- Melbourne
- Sydney
- Brisbane
- Albury
- Newcastle
- Kalgoorlie
- Perth

- 6 Techno Park Drive, Williamstown VIC 3016
- 1C/137 Silverwater Road, Silverwater NSW 2128
- 14/121 Kerry Road, Archerfield QLD 4108
- 4/856 Leslie Drive, Albury NSW 2640
- 2/22 Ironbark Close, Warabrook NSW 2304
- 82 Brookman-Hay St, Kalgoorlie WA 6430
- 3/52 Cocos Drive, Bibra Lake WA 6163

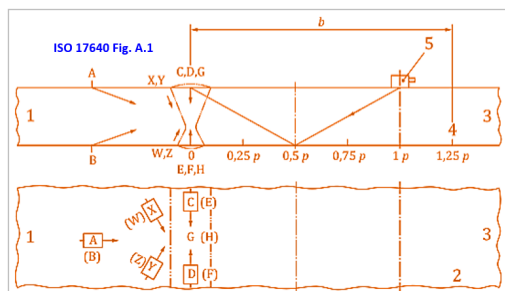
Probe positions

L-scan	N-scan	T-scan
A	Not applicable	X, Y

Scanning method

ISO 17640 Figure A.1

Scanning plan



Transducer set: 1

Transducer	Maker S/N	Crystal type	Angle (°)	Size (mm)	Frequency (MHz)	Index (mm)	Beam misalignment (°)	Cable length & type	Ref.gain (dB)	Test range (mm)
L005905	IGN0873/M FD312	Single	0	Ø10	5	Not applicable	Not applicable	1m Lemo to mini-lemo	50	30
L005899	1GA1146/M EC251	Single	60	8x9	4	12	0	1m Lemo to mini-lemo	66	49
L005900	GA1147/LLA 299	Single	70	8x9	4	14	1	1m Lemo to mini-lemo	69	72

Table 1: Test items identification (provided by the client) and results (All dimensions in mm unless stated otherwise)

Identification	Description	Material Grade	Heat No.	Thickness	PQR/WPS No.	Welder name (ID)	Discontinuities	Result
Plate 1	Butt weld on plate	AS/NZS 1594(2002)HA350	7114369	12mm	WPS-013A	Phil Heir	NRRD	C
Plate 2	Butt weld on plate	AS/NZS 1594(2002)HA350	7114369	12mm	WPS-013A	Paul Duane	NRRD	C

Test restrictions

Nil

Non-scanned area

Nil

Comments

Nil

Normative general notes

1. Test and inspection items may be discarded after 6 weeks, unless alternative arrangements are made with LMATS.
2. Samples, identification of samples and all job specific details were supplied by the client. The test results relate only to the items tested or sampled.
3. Any stated nominal pipe sizes and nominal thickness of the material were provided by the client.
4. Where applicable, the Measurement Uncertainty (MU) applies to the test results as per LMATS procedure. MU can be obtained by contacting one of LMATS ISO 17025 accredited laboratories.
5. Acceptance criteria is applied from the test specification. If the test specification does not include acceptance criteria, then the test or inspection results should be referred to a competent authority for further action.
6. Refer to the attached revision notes if this report has been revised. This report shall not be reproduced except in full without approval of the issuing laboratory to ensure that parts of a report are not taken out of context. The client or their representatives shall not edit this report.
7. LMATS or its professional indemnity insurance provider do not indemnify the contents within this report or the conformity of a tested product unless the invoice for the reported work is paid in full within the agreed credit terms. Reports will be revoked if the invoice for the completed work is not paid in full.

Abbreviations used in this report

A - No discontinuities detected	BT - Burn (melt) Through	C - Comply
CP - Crater Pipe	DNC - Does Not Comply	EC - Elongated Cavity (hollow bead)
F - Failed	GP - Gas Pore	HiLo - Linear misalignment
IC - Copper Inclusion	IL - Linear Inclusion (slag line)	IN - Inclusion
IO - Oxide Inclusion (wagon tracks)	IT - Tungsten Inclusion	KC - Crater crack
KL - Longitudinal crack	KT - Transverse crack	LI - lack of Inter-run fusion
LP - Incomplete root Penetration	LR - lack of Root fusion (missed edge)	LS - lack of Side fusion
NRRD - No Recordable Reflections Detected	NUSID - No unacceptable Surface Indications Detected	P - Passed
p.d. - Processing / film Defects	PG - Localized Porosity	PL - Linear Porosity
PU - Uniform Porosity	RP - Report findings	SED - Excessive Dressing (underflushing)
SGL - Incompletely filled Groove	SGS - Shrinkage Groove	SMG - Grinding Mark
SMH - Hammer Mark	SMT - Tool Mark (chipping mark)	SRC - Root Concavity (Suck back)
SSP - Spatter	SUC(e) - Undercut External	SUC(i) - Undercut Internal
SXP - Excessive Penetration	WH - Worm Hole	



Image 1 of 2 - Plate 1

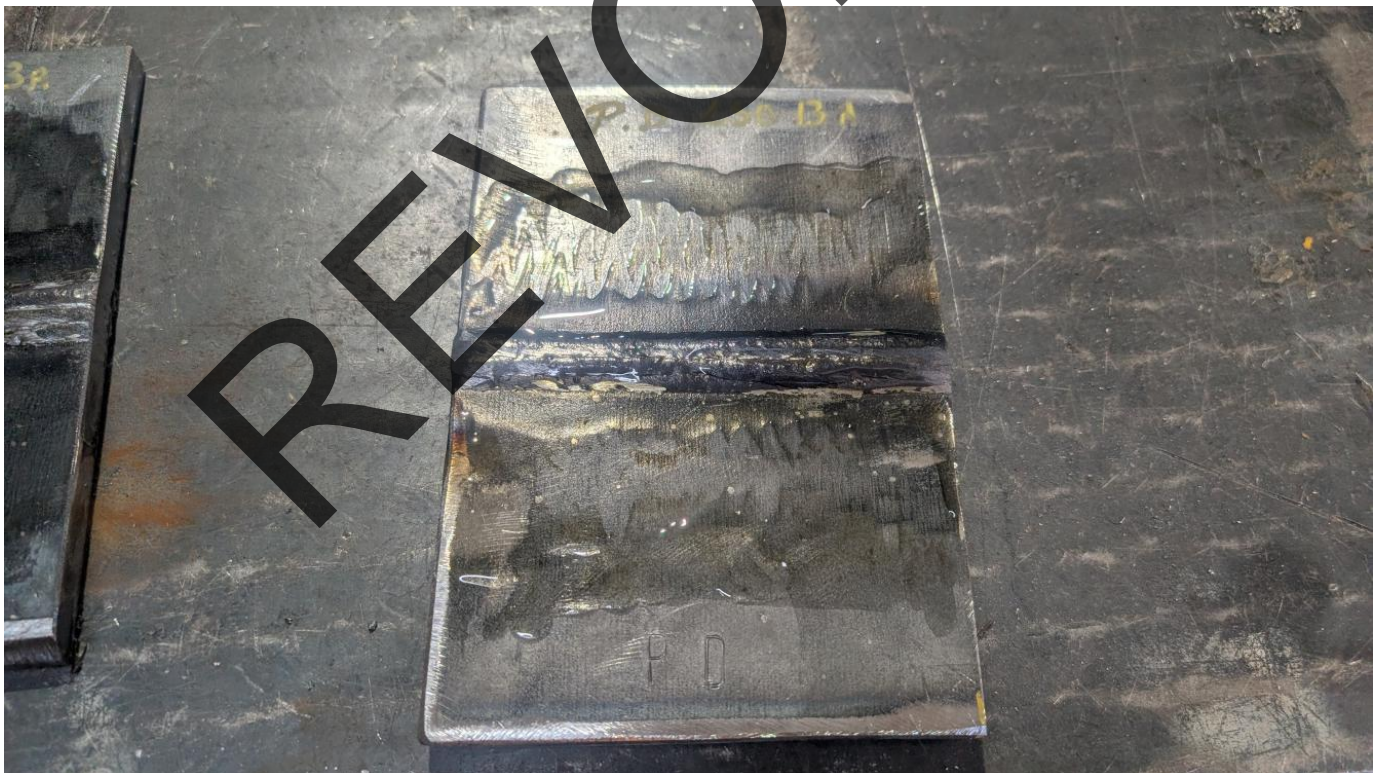


Image 2 of 2 - Plate 2