

Eddy current test report



Report number	LW25-1903-01 ET
Customer name	Ikon Lifting Equipment Pty Ltd
Address	Unit 9, 327 Mansfield St Thornbury VIC Australia 3071
Requested by	Ron Thomas
Purchase Order	PO-2165
Accredited laboratory	LMATS Melbourne Laboratory
Test date	05/12/2025
Job address	6458 Northern Highway Rochester
Job description	Testing on mobile column lifts - In-service Structural welds
Identification	StertilKONI column lifts - 4off
Material grade	Carbon steel
Test specification	Client's requirement - Nil detectable cracks permitted
Test method	AS 4544-2005 (Withdrawn)-ET - surface flaw detection
Test procedure	TP-ET-01 (I1 R11)
Scanning method	Uniform probe movement along the weld surface and toe
Surface condition	As Welded, In-Service, Coated (thickness)
Instrument	L1353 Olympus Nortec 600 ET unit
Calibration item	L0164 Trusonic CSC-1001 ET Calibration block
Probes & Sensitivity	L1351 Weld Pencil probe Ø5mm 100-600kHz, 80% of FSH from 1mm deep EDM notch over 0.5mm plastic shim, L1352 Weld Pencil probe Ø5mm 5-250kHz, Sensitivity is not applicable
Approved tester	Harpreet Singh (Cert III/Dip. in Auto Mechanical Eng.- ISO 9712 L2 UT/ET/MT/PT/VT/PAUT, RT License)
Test results	Refer to Table 1 for test area identification and results

REVIEWED



Accreditation No. 15840

**Accredited for compliance with
ISO / IEC 17025 - Testing**

Signatory

Harpreet Singh
(Cert III/Dip. in Auto Mechanical
Eng.- ISO 9712 L2
UT/ET/MT/PT/VT/PAUT, RT
License)



Report issued on 08/12/2025

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

Identification	Part / Model No.	S/N or A/N	Test area	Discontinuities	Result
Stertil koni	ST-1085 FWA	UN219132	100% accessible welds	No cracks detected	C
Stertil koni	ST-1085 FWA	UN226438	100% accessible welds	No cracks detected	C
Stertil koni	ST-1085 FWA	UN226416	100% accessible welds	No cracks detected	C
Stertil koni	ST-1085 FWA	UN223303	100% accessible welds	No cracks detected	C

Test restrictions

Weld & part geometry, edge effect, in-situ access limitation

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

CP - Crater Pipe

F - Failed

IC - Copper Inclusion

IO - Oxide Inclusion (wagon tracks)

KL - Longitudinal crack

LP - Incomplete root Penetration

NRRD - No Recordable Reflections Detected

p.d. - Processing / film Defects

PU - Uniform Porosity

SGI - Incompletely filled Groove

SMH - Hammer Mark

SSP - Spatter

SXP - Excessive Penetration

BT - Burn (melt) Through

DNC - Does Not Comply

GP - Gas Pore

IL - Linear Inclusion (slag line)

IT - Tungsten Inclusion

KT - Transverse crack

LR - lack of Root fusion (missed edge)

NUSID - No unacceptable Surface Indications Detected

PG - Localized Porosity

RP - Report findings

SGS - Shrinkage Groove

SMT - Tool Mark (chipping mark)

SUC(e) - Undercut External

WH - Worm Hole

C - Comply

EC - Elongated Cavity (hollow bead)

HiLo - Linear misalignment

IN - Inclusion

KC - Crater crack

LI - lack of Inter-run fusion

LS - lack of Side fusion

P - Passed

PL - Linear Porosity

SED - Excessive Dressing (underflushing)

SMG - Grinding Mark

SRC - Root Concavity (Suck back)

SUC(I) - Undercut Internal



Image 1 of 8 - General view of the test area

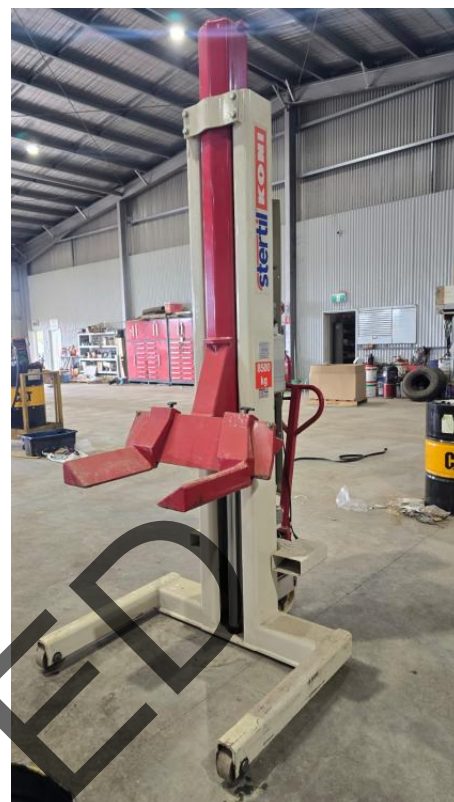


Image 2 of 8 - General view of the test area



Image 3 of 8 - General view of the test area



Image 4 of 8 - General view of the test area



Image 5 of 8 - General view of the test area



Image 6 of 8 - General view of the test area



Image 7 of 8 - General view of the test area



Image 8 of 8 - General view of the test area