

Report Title	Radiographic Examination of Welds Report
Report Number	244602-5-1 / Issue 5
Report Date	10 June 2026
Customer	SRG GLOBAL INTEGRATED SERVICES PTY LTD
Customer Contact	Joshua Toth
Customer Address	LEVEL 1, SUBIACO, WA 6068 Australia
Order Number	A100-PO038401
Test Description	Radiographic Examination of Install New Flange on Stack A
Place of Test	Covalent Kwinana
Test Date	06 June 2026
Technician(s) /Qualification(s)	Rani Rojas - ISO 9712 L 2
Product Standard	Not Supplied
Test Procedure	NDT.RT.002
Test Standard	AS 2177 - 2006
Material Specification	Carbon Steel
Acceptance Standard	AS 4037;1999 (R2016);Table 8.2;Class 1

This report supersedes Report No: 244602-5-1 / Issue 4

Reissue Reason: Typographical error



Accredited for compliance with ISO/IEC
17025 - Testing. Accreditation # 218. This
document shall not be reproduced except in
full.



Gerard Krishnanoorthy
NDT Technician



Flange W1

TEST CONDITIONS

Surface Condition	As Welded
Surface Preparation	Cleaned/Mechanical/Wire Brushed
Stage of Manufacture	In-Service
Area Tested	Radiography Testing of weld and Heat affected zone
Test Restrictions	Nil

TECHNICAL DATA - RT

IQI	ASTM Wire;Group 1;Set A	Screen Type	Lead, 0.027mm
Radiation Source Type	Iridium 192	Effective Source Size (mm)	2.7
Equipment	Elite 880	Serial Number	S22
Weld Reinforcement (mm)	3		



RADIOGRAPHIC EXAMINATION RESULTS

Identification	Interval No	Test Method	Diameter / Length (mm)	Schedule / Thickness (mm)	kV /Activity	SOD (mm)	OFD (mm)	Exposure Time	Film Type	Film Density	Required Sensitivity	Achieved Sensitivity		Interpretation /Results	Compliance
												Wire/Hole	IQI %		
Drawing / ISO No: 14-005-MEC-DRG002															
Weld No: W1															
Welder ID: 076/080/086															
WPS No: 283															
Welding Process: GTAW/MMAW															
	0-2850-0	GR1/S	900	Std 9.7	22.2 Ci	437.3	12.7	3m 52s	Fuji IX 50	2.0 - 2.4	W5	W5	NA	SRC SUC(e) SUC(i) pd	C

Abbreviations

C	Complies with Acceptance Standard/Code	DNC	Does Not Comply with Acceptance Standard/Code	Acc	Acceptable	UAcc	Unacceptable
NS	Not Specified	NDD	No Discontinuity Detected	A	Absence of Discontinuities	NA	Not Applicable
KC	Crater Crack	KL	Longitudinal Crack	KT	Transverse Crack	CP	Crater Pipe
LP	Incomplete Root Penetration	SXP	Excessive Penetration	SRC	Root Concavity (Suck Back)	BT	Burn Through (Melt Through)
LR	Lack of Root Fusion	LS	Lack of Side Fusion	LI	Lack of Inter-run Fusion	DM	Diffraction Mottling
IN	Inclusion	IL	Linear Inclusion (Slag Line)	IT	Tungsten Inclusion	IC	Copper Inclusion
IO	Oxide Inclusion	PG	Localized Porosity	PU	Uniform Porosity	PL	Linear Porosity
WH	Worm Hole	GP	Gas Pore	EC	Elongated Cavity	HiLo	Linear Misalignment
SGS	Shrinkage Groove	SGI	Incompletely Filled Groove	STS	Torn Surface	SUC	Undercut
SSP	Spatter	SMG	Grinding Mark	SED	Excessive Dressing (Underflushing)	SPT	Surface Pitting
SMH	Hammer Mark	SMT	Tool Mark (Chipping Mark)	PD	Processing Defect	SMI	Weld Surface Indentations
WT	Wagon Tracks	SOD	Source to Object Distance	OFD	Object to Film Distance		

Terms and Conditions

Refer to our Terms and Conditions [here](#)

SRG Global Report Disclaimer

- a) Any report, findings, results, statement, certification issued by SRG Global (SRG Global Report) is issued on the basis of testing of samples or materials, information, or documents provided by, or on behalf of, the Client. The Client will indemnify and hold harmless SRG, its officers, employees, agents and subcontractors for any claim whatsoever in relation to any SRG Report arising from unclear, erroneous, incomplete, misleading or false information provided to SRG; or arising from any incorrect or defective materials or samples provided to SRG.
- b) Each SRG Global Report is:
- issued using detection limits and confidence intervals inherent in SRG Global's testing methodology;
 - contains SRG Global's results and opinions (if provided) on those samples or specific materials only;
 - solely for the benefit of the Client, its officers and employees; and
 - prepared at the request of the Client for the purpose agreed between the Client and SRG Global, and the Client may disclose the report to a third party for that purpose only, but SRG Global does not accept any responsibility or liability (including, without limitation, liability for negligence) to that third party.
- c) The Client indemnifies SRG Global, its directors, employees, agents, consultants, contractors, successors in title and assigns against any claim made against any or all of them by third parties arising out of either the disclosure of any SRG Global Report, whether directly or indirectly by the Client, to a third party; or any reproduction or publication of an extract of any SRG Global Report.
- d) The Client acknowledges and agrees that any action, inaction, or decision of the Client in response to the SRG Global Report will be determined by the Client. Neither SRG Global nor any of its officers, employees, agents, or subcontractors will be liable to the Client or any third party for any action or inaction of the Client in response to any SRG Global Report.