



RADIOGRAPHY INSPECTION REPORT

Report Number: KW-2576.01

Rev: 0

Date of Issue: 28 May 2026

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INSPECTION DETAILS

Client: SRG Global **Client Address:** Level 2, 500 Hay Street, Subiaco WA 6008 **Client Request No.:** * Supplied with no identification
PO No.: * 37431 **Job No.:** * Not Applicable **Work Location:** GFS NDT, Kwinana
Method code: ASME V:2025, Article 2 / **Acceptance Code.:** * ASME B31.3:2024, Table 341.3.2 (NFS) / **Construction Code.:** * ASME B31.3:2024 /
AS 2177: 2006 AS 4037:1999, Table 8.1, Class 1 AS 3992:2020
Job Description: Radiographic inspection of the SRG Welder Qualification Test Piece (Welder: Jayson Manuel SRG 080)

TECHNICAL INFORMATION

Technique: XR2/DWDI **Equipment:** Eresco **Source Type/Strength:** X-Ray / 300kV **Source Size:** 3.0mm **Film:** FUJI IX100 **Screens:** 0.027 Lead
Technician(s): Mitchell Banks (ISO 9712 Level 2)

TEST CONDITIONS

Test Date: 18 May 2026 **Material:** Carbon Steel **Surface Condition:** As Welded **NDT Procedure:** GFS-TP-RT-02 Rev 1 & RT-03 Rev 1
Test Restrictions: None **Comments:** None **IQI Type:** 10 Fe EN

EXAMINATION RESULTS

*Welders Name.	*Item No.	*Weld No.	*Welder ID	*WPS No.	*Welding Process	*t (mm)	*Dia (mm)	Weld Height	Density Range	Required Wire	Wire Achieved	SFD (mm)	Ug (mm)	Interval (mm)	Interpretation	Result
Welder Name: Jayson Manuel	Test Piece	1	SRG 080	269	GTAW	3.91	50NB	3mm	2.2-2.8	12	14	1000	0.19	A	A	C
Test Position: 6G														B	SXP	C

INTERPRETATION & IMPERFECTION ABBREVIATIONS (BASED ON AS 4749-2007)

A Absence of Discontinuities	IL Linear inclusion (slag line)	LS Lack of side fusion	SMT Tool mark (chipping mark)
AS Arc Strike (AS 2885)	IN Inclusion	pd Processing Defect	SRC Root concavity (suck back)
BT Burn-through (melt-through)	IO Oxide inclusion	PG Localized porosity	SPT Surface pitting
CP Crater pipe	IT Tungsten inclusion	PL Linear porosity	SSP Spatter
DIP Debris in Pipe (restriction)	KC Crack, crater	PU Uniform porosity	STS Tom surface
DM Diffraction mottling	KL Crack, longitudinal	SED Excessive dressing (underflashing)	SUC Undercut (i) Internal (e) External
EC Elongated cavity	KT Crack, transverse	SGI Incompletely filled groove	SXP Excessive penetration
GP Gas pore	U Lack of inter-run fusion	SGS Shrinkage groove	WH Worm hole
Hi/L Hi/Lo Linear misalignment	LP Incomplete root penetration	SMG Grinding mark	WT Wagon tracks
IC Copper inclusion	LR Lack of root fusion	SMH Hammer mark	
C Complies	DNC Does Not Comply	N New Weld	R Repair i.e. R1, R2 etc.

* Denotes test information which has been provided by the client and not specifically verified by GFS NDT.

Approved Signatory: Christopher Mason
ISO 9712 Certified Level 2

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