

Eddy Current testing report

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PROJECT DATA

Client:	GYSBI	Client's Specification(s)	
Project:	Fuel Line (Sol to Gysbi)	Procedure number:	T.P.AI.WI.ET.0004 – V1
Location:	Sol to Gysbi	Procedure standard(s):	ASME V
Aims contract number:		Acceptance standard(s):	B31.3
Request Number:		Client specific identifier:	

INSPECTION DATA

DWG/ISO/Line/Item No.	Fuel Line (Sol to Gysbi)	Parent material:	Carbon Steel
Product form:	Pipe	Filler material:	N/A
Dimension	6"	Surface condition:	Smooth; Painted
Thickness:	7.11mm	Heat treatment:	N/A
Welding joint type:	Buttweld	Surface temperature [°C]:	Ambient
Welding process:	N/A		

EQUIPMENT INFO

Equipment brand:	GE	Serial number:	801HFPQ
Model name:	PHASEC 3	Calibration due date:	19/10/2026

PROBES AND SETTINGS

Probe type:	Brand:	Model:	Serial number:	Mode:	Comment:
SE	GE	632-265-009 60KHZ- 700KHZ	15G008TZ	AB	

Notes:

Probe types: SE – External probe, SI - Internal probe, BE - Encircling probe

Mode: AB – Absolute, DI - Differential or double differential

REFERENCE BLOCKS

Type of block	Reference	Grade	Diameter	Length	Width	Thickness
Block	406163	Fe		100mm	25mm	5mm

Type of block: Tube, Bar, Block, Other (please specify)

REFERENCE DEFECTS

Notch ☒	Longitudinal ☐ Transverse ☒	Length: 25mm	Width: 0.2mm	Depth: 0.5; 1.0; 2.0 mm
Circular notch ☐	External ☐ Internal ☐	Width: N/A	Depth: N/A	
Hole ☐	Diameter: Ø ____ mm	Diameter: Ø ____ mm	Number of generatrix: N/A	Orientation: 90°

CONTROL PARAMETERS

Channel No.	Frequency:	Preamplifier	Main amplifier	Spread Y:	Threshold 1:	Threshold 1:	Phase:	High pass filter [Hz]	Low pass filter [Hz]
1	100 kHz	49 dB	57 dB	0 dB	50 %		213 °	DC Hz	300 Hz

RESULTS

Numbering	Weld ID / Identification	Welding joint type:	Test section:	Length of section:	Sequence No. Used:	Indication type:	Dist. From ref. line:	Dist. from weld ref. line:	Indication length:	Results:	Photo/Sketch/ISO reference or remark:
1	P9-P10	BW	Weld and HAZ			/	/	/	/	Accept	
2	P12-P13	BW	Weld and HAZ			/	/	/	/	Accept	
3	P21-P22	BW	Weld and HAZ			/	/	/	/	Accept	
4	P27-P28	BW	Weld and HAZ			/	/	/	/	Accept	
5	P36-P37	BW	Weld and HAZ			/	/	/	/	Accept	
6	P45-P46	BW	Weld and HAZ			/	/	/	/	Accept	
7	P54-P55	BW	Weld and HAZ			/	/	/	/	Accept	
8	P63-P64	BW	Weld and HAZ			/	/	/	/	Accept	
9	P66-P67	BW	Weld and HAZ			/	/	/	/	Accept	

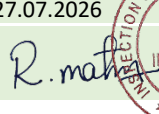
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10	P72-P73	BW	Weld and HAZ			/	/	/	/	Accept	
11	P84-P85	BW	Weld and HAZ			/	/	/	/	Accept	
12	P96-P97	BW	Weld and HAZ			/	/	/	/	Accept	
13	P102-P103	BW	Weld and HAZ			/	/	/	/	Accept	
14	P112-P113	BW	Weld and HAZ			/	/	/	/	Accept	
15	P124-P125	BW	Weld and HAZ			/	/	/	/	Accept	
16	P130-P131	BW	Weld and HAZ			/	/	/	/	Accept	
17	P142-P143	BW	Weld and HAZ			/	/	/	/	Accept	
18	P154-P155	BW	Weld and HAZ			/	/	/	/	Accept	
19	P160-P161	BW	Weld and HAZ			/	/	/	/	Accept	
20	P172-P173	BW	Weld and HAZ			/	/	/	/	Accept	
21	P184-P185	BW	Weld and HAZ			/	/	/	/	Accept	
22	P193-P194	BW	Weld and HAZ			/	/	/	/	Accept	

Notes: Eddy Current was conducted on 30% of welds of the 6" Fuel Line (Sol to Gysbi). At the time of inspection all inspected welds are acceptable according to B31.3.

SIGNATURES

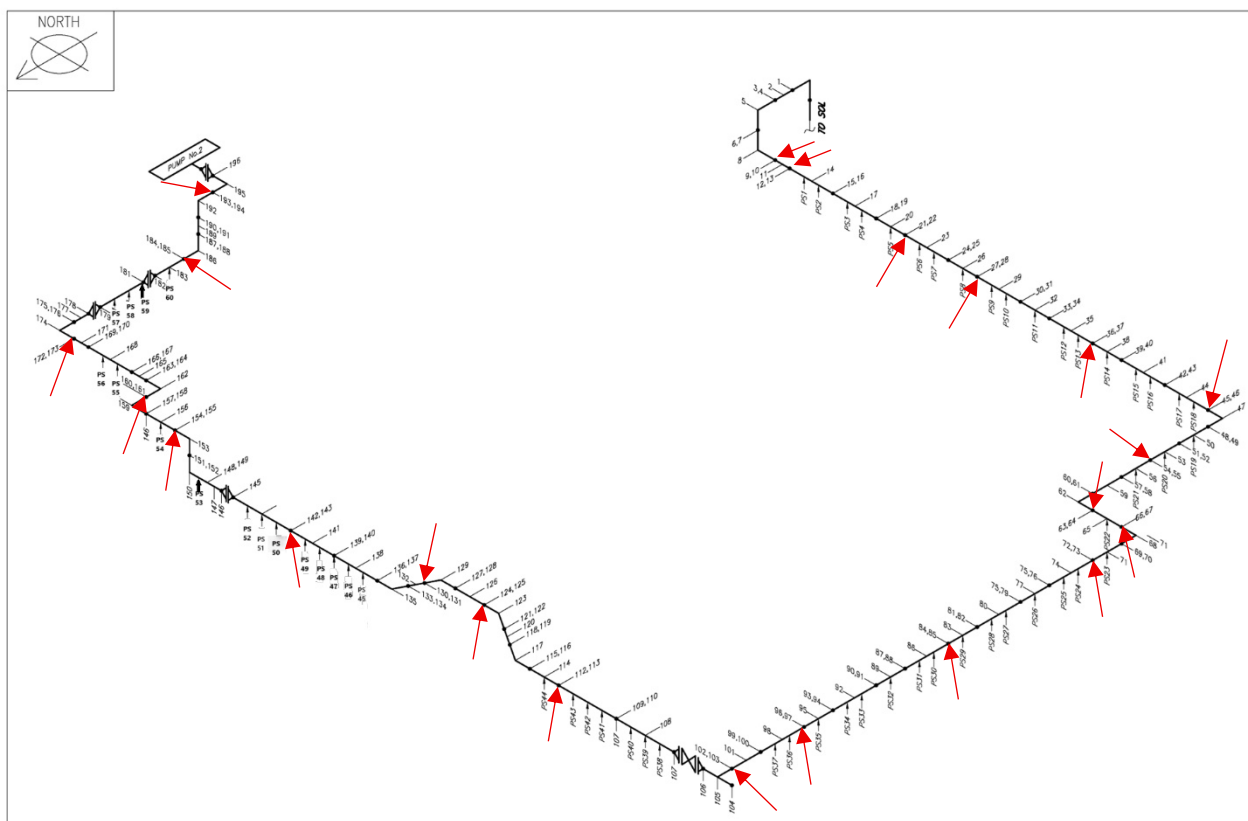
NDT TECHNICIAN		APPROVED BY		ACCEPTED BY	
Name:	Mathavan Rengaraju	Name:	Pawel Kudas	Name:	
Qualification:	ET Level 2	Qualification:	API 570	Qualification:	
Date:	27.07.2026	Date:	28.07.2026	Date:	
Signature:		Signature:		Signature:	



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Drawing / Sketch / ISO



GENERAL NOTES:		DRAWN BY: Dancho Boshinovski	FIELD: Dancho Boshinovski	CHKD:	APPD:	DATE: FEB 2024
THIS ISOMETRIC DRAWING IS NOT A SHOP DRAWING IT IS FOR INSPECTION PURPOSES ONLY. INCLUDES THE LAYOUT OF THE CURRENT PIPE ROUTING WITHOUT THE DIMENSIONS, ELEVATIONS OR COORDINATES		DRAWN BY:	CAD: Dancho Boshinovski		APPD:	SCALE: NONE
		P&ID NO.:	CIRCUIT:			SHEET REV
		LINE NO.:	Fuel line (Sol to Gysbi)			1/1 000

Comment: Isometric Drawings