



Apave Guyana Inc.
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Ultrasonic testing report

Document No.			
Report No.	APGY/26/UT/002	Revision:	01
Test date:	30/07/2026		
Page No.	1 of 6		

PROJECT DATA

Client:	GYSBI	Client's Specification(s)	
Project:	Fuel line (Fuel Farm to Wharf)	Procedure number:	T.P.AI.WI.UT.0001 – V1
Location:	Fuel Farm to Wharf	Procedure standard(s):	B31.3
Aims contract number:		Acceptance standard(s):	B31.3
Request Number:		Client specific identifier:	

INSPECTION DATA

DWG/ISO/Line/Item No.	Fuel line (Fuel Farm to Wharf)	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:	Olympus	Serial number:	260039904
Model name:	Epoch 6LT	Calibration due date:	27/04/2027

CONSUMABLES

Couplant Type:	Gel	Couplant brand:	Sonagel D1
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SEARCH UNITS AND SETTINGS

Scanning sensitivity:	Brand:	Model:	Serial number:	Probe type:	Wave type:	Crystals number:	Element shape and size	Freq [MHz]	Nominal Angle [°]	Cal. Angle [°]	Range:	Ref. Level [dB]:	Transfer Corr. [dB]:
1st BWE to 80% FSH	Phoenix	TC	25027	Dual	Longitudinal		10mm	5	90	90	30	47.5	

Notes:

TYPE OF CALIBRATION

Type of calibration	Type of block	Block ID. Or S/N:	Reflector(s) type and size	Cable brand:	Cable type:
Distance	20mm- 2mm Stepwedge	63263		Dual Iemo	Coax.
Sensitivity				Cable length:	1m

EVALUATION AND RECORDING LEVELS

Evaluation level:	Client review	Recording level:	Minimum thickness
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RESULTS

Thickness location	THK at 0 O'clock [mm]	THK at 3 O'clock [mm]	THK at 6 O'clock [mm]	THK at 9 O'clock [mm]	Photo/Sketch/ISO reference or remark:
1	7.0	7.0	6.9	7.0	
2	6.8	7.3	6.9	6.9	
3	6.9	6.9	6.5	7.0	
4	6.9	7.4	6.8	7.0	
5	6.9	7.5	6.8	7.0	
6	7.0	7.2	7.0	7.2	
7	6.3	6.2	6.0	6.2	
8	6.2	6.4	6.0	6.4	
9	6.4	6.4	6.4	6.2	
10	7.4	7.4	7.3	6.4	
11	6.9	7.6	7.3	7.4	



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Document No.			
Report No.	APGY/26/UT/002	Revision:	01
Test date:	30/07/2026		
Page No.	2 of 6		

12	6.2	7.6	7.3	7.6	
13	7.0	7.0	7.0	7.0	
14	7.0	7.0	6.8	7.0	
15	6.8	7.0	6.9	6.9	
16	6.4	6.4	6.3	6.4	
17	6.2	6.4	6.7	6.3	
18	6.4	6.4	5.8	6.1	
19	7.1	6.8	7.1	7.4	
20	7.1	6.9	7.6	7.3	
21	7.4	7.0	7.3	7.2	
22	6.5	6.4	6.5	6.5	
23	6.4	6.5	6.4	6.8	
24	6.5	6.4	6.5	6.5	
25	7.5	7.3	7.0	7.9	
26	7.4	7.4	7.0	7.8	
27	7.8	7.4	7.2	7.8	
28	7.8	7.6	7.4	7.4	
29	7.4	7.4	7.3	7.5	
30	7.1	7.4	7.7	7.3	
31	7.3	7.6	7.4	7.3	
32	7.0	7.1	7.1	7.1	
33	6.9	7.1	7.1	7.1	
34	6.9	6.5	6.9	6.4	
35	6.6	6.5	6.5	6.5	
36	6.5	6.5	6.5	6.3	
37	6.4	6.0	6.4	6.4	
38	6.7	6.3	6.4	6.4	
39	6.0	6.4	6.4	6.5	
40	6.4	6.5	6.4	6.5	
41	6.4	6.5	6.3	6.5	
42	6.5	6.4	6.3	6.5	
43	6.9	6.9	7.1	7.0	
44	7.0	7.1	7.1	7.1	
45	7.0	7.0	7.1	7.1	
46	6.4	6.4	6.3	6.4	
47	6.4	6.4	6.3	6.4	
48	6.4	6.4	6.4	6.4	
49	6.4	6.4	6.4	6.4	
50	6.4	6.5	6.5	6.4	
51	6.5	6.5	6.5	6.5	
52	7.2	7.6	8.0	7.6	
53	N/A	8.4	8.1	8.1	0 O'clock reading directly at T piece omitted
54	7.4	7.9	8.1	7.8	
55	5.3	5.3	5.0	5.0	2 1/2" pipe from T piece. Tnom = 5.15mm



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Document No.			
Report No.	APGY/26/UT/002	Revision:	01
Test date:	30/07/2026		
Page No.	3 of 6		

56	5.0	5.0	5.0	5.0	2 1/2" pipe from T piece Tnom = 5.15mm
57	5.0	4.9	5.0	5.0	2 1/2" pipe from T piece Tnom = 5.15mm
58	5.1	6.0	5.6	5.7	2 1/2" pipe from T piece Tnom = 5.15mm
59	5.7	6.0	6.1	6.1	2 1/2" pipe from T piece Tnom = 5.15mm
60	5.7	6.3	5.9	6.1	2 1/2" pipe from T piece Tnom = 5.15mm
61	5.0	5.0	4.8	5.3	2 1/2" pipe from T piece Tnom = 5.15mm
62	4.9	5.0	5.0	5.0	2 1/2" pipe from T piece Tnom = 5.15mm
63	5.3	5.1	4.9	5.0	2 1/2" pipe from T piece Tnom = 5.15mm
64	6.4	6.4	5.9	6.4	
65	6.4	6.4	6.3	6.3	
66	6.4	6.4	6.3	6.0	
67	6.3	6.4	6.3	6.4	
68	6.7	6.4	6.4	6.3	
69	6.4	6.4	6.4	6.4	
70	6.5	6.5	6.4	6.4	
71	6.4	6.5	6.5	6.4	
72	6.4	6.4	6.8	6.4	
73	6.5	6.5	6.4	6.4	
74	6.5	6.5	6.4	6.5	
75	6.4	6.5	6.4	6.5	
76	6.5	6.4	6.5	6.5	
77	6.4	6.5	6.3	6.5	
78	6.5	6.5	6.3	6.5	
79	6.3	6.4	6.4	6.4	
80	6.4	6.4	6.4	6.3	
81	6.3	6.4	6.3	6.4	
82	6.4	6.3	6.4	6.3	
83	6.4	6.3	6.4	6.4	
84	6.4	6.4	6.4	6.3	
85	6.5	6.4	6.5	6.4	
86	6.4	6.4	6.4	6.5	
87	6.4	6.4	6.4	6.5	
88	6.4	6.4	6.3	6.3	
89	6.4	6.5	6.3	6.4	
90	6.4	6.4	6.3	6.4	
91	6.4	6.4	6.3	6.3	
92	6.4	6.3	6.3	6.3	
93	6.4	6.4	6.4	6.5	
94	6.3	6.4	6.4	6.3	
95	6.4	6.5	6.4	6.3	
96	6.4	6.5	6.4	6.3	
97	6.2	6.7	6.6	6.1	
98	6.0	6.6	6.6	6.2	
99	6.1	6.6	6.6	6.2	



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Ultrasonic testing report

Document No.			
Report No.	APGY/26/UT/002	Revision:	01
Test date:	30/07/2026		
Page No.	4 of 6		

100	6.4	6.7	6.4	6.4	
101	6.6	6.5	6.3	6.5	
102	6.3	6.1	6.3	6.6	
103	6.8	6.9	6.8	6.6	
104	6.5	6.8	6.7	6.7	
105	6.7	7.0	6.6	6.9	
106	7.0	6.9	6.8	6.5	
107	6.5	6.4	6.7	6.9	
108	7.0	7.0	6.5	6.7	
109	N/A	6.3	6.6	6.7	Due to lack of space
110	N/A	6.4	6.4	6.7	Due to lack of space
111	7.0	7.0	6.9	7.0	
112	7.1	6.2	6.0	6.5	
113	6.3	6.3	6.5	6.5	
114	6.7	6.4	6.2	6.5	
115	6.6	6.8	6.9	6.9	
116	7.0	7.0	6.9	7.1	
117	6.3	7.1	6.9	6.8	
118	7.2	7.0	7.0	6.9	
119	7.0	7.2	7.3	7.2	
120	7.2	6.8	6.8	6.7	
121	6.5	6.5	6.4	6.5	
122	6.5	6.2	6.4	6.5	
123	6.8	7.4	7.2	6.8	
124	7.2	7.5	7.4	7.3	
125	7.6	7.3	7.2	6.9	
126	6.4	6.4	6.5	6.5	
127	6.5	6.4	6.5	6.3	
128	6.3	6.4	6.5	6.4	
129	7.4	7.3	6.8	7.6	
130	7.4	7.5	6.8	7.1	
131	7.3	7.3	7.0	7.4	
132	6.5	6.5	6.4	6.4	
133	7.3	7.8	8.4	7.6	T piece section
134	7.3	7.9	8.2	7.6	T piece section
135	5.0	4.6	4.8	4.6	2-inch section of T
136	5.0	4.7	4.7	4.6	2-inch section of T
137	6.4	6.4	6.3	6.4	
138	6.4	6.4	6.6	6.4	
139	6.4	6.3	6.3	6.4	
140	6.5	6.4	6.4	6.3	
141	6.5	6.4	6.6	6.4	
142	6.4	6.3	6.3	6.4	
143	6.2	6.4	6.5	6.4	



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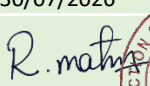
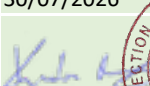
Ultrasonic testing report

Document No.			
Report No.	APGY/26/UT/002	Revision:	01
Test date:	30/07/2026		
Page No.	5 of 6		

144	6.3	6.4	6.5	6.4	
145	6.3	6.3	6.2	6.3	
146	6.5	6.6	6.6	6.7	
147	6.4	6.4	6.6	6.3	
148	6.7	6.7	6.3	6.7	
149	6.4	6.3	6.7	6.4	
150	6.5	6.4	6.7	6.5	
151	6.4	6.4	6.4	6.5	
152	6.3	6.4	6.4	6.4	
153	6.4	6.5	6.3	6.4	
154	6.4	6.5	6.4	6.5	
155	6.5	6.4	6.5	6.4	
156	6.5	6.4	6.5	6.4	
157	6.4	6.8	6.5	6.4	
158	6.9	6.4	6.4	6.5	
159	6.8	6.8	6.9	6.9	
160	7.0	7.0	6.9	7.1	
161	7.0	7.0	6.9	7.0	
162	7.1	6.8	6.9	7.2	
163	6.4	6.4	6.3	6.4	
164	6.7	6.5	6.7	6.4	
165	6.3	6.3	6.3	6.4	
166	6.4	6.4	6.2	6.3	
167	6.4	6.4	6.5	6.4	
168	6.4	6.3	6.3	6.4	
169	7.5	7.6	7.4	7.3	
170	7.5	7.5	N/A	7.2	Drain line connection under the fuel line
171	7.4	7.8	7.1	7.1	
172	6.5	6.6	6.5	6.5	
173	6.5	6.4	6.3	6.4	
174	6.4	6.4	6.4	6.4	
175	6.4	6.4	6.5	6.5	

Notes: Locations only accessible from the ground were inspected, until location 175, as per current ISO attached. Downstream location would require boat to access, which was not supplied this time.

SIGNATURES

NDT TECHNICIAN		APPROVED BY		ACCEPTED BY	
Name:	Mathavan Rengaraju	Name:	Pawel Kudas	Name:	
Qualification:	SNT-TC-1A	Qualification:	UT PCN / API 510	Qualification:	
Date:	30/07/2026	Date:	30/07/2026	Date:	
Signature:		Signature:		Signature:	





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Document No.			
Report No.	APGY/26/UT/002	Revision:	01
Test date:	30/07/2026		
Page No.	6 of 6		

Drawing / Sketch / ISO

