



Apave Guyana Inc.
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Ultrasonic testing report

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Test date:	01/08/2026		
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PROJECT DATA

Client:	GYSBI	Client's Specification(s)	
Project:	Fuel line (Wharf / Berths 1, 2, 3 & 4)	Procedure number:	T.P.AI.WI.UT.0001 – V1
Location:	Fuel line (Wharf / Berths 1, 2, 3 & 4)	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 (Wharf 1, 2, 3 & 4)	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]:
1 st BWE at 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	2mm- 20mm Step wedge	63263		Dual Iemo	Coax.
Sensitivity				Cable length:	1m

EVALUATION AND RECORDING LEVELS

Evaluation level:	Client evaluation	Recording level:	Thickness readings
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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	7.8	7.5	N/A	7.3	No access / at the utilidor
2	7.2	6.8	6.9	7.3	at the utilidor
3	7.4	7.1	7.2	7.7	at the utilidor
4	6.8	6.9	7.3	7.5	at the utilidor
5	7.2	8.2	6.9	7.2	at the utilidor
6	7.3	8.5	7.5	7.5	at the utilidor
7	7.4	8.3	7.7	7.7	at the utilidor
8	6.6	6.7	6.9	6.9	at the utilidor
9	6.7	6.5	6.8	7.2	at the utilidor
10	6.9	6.9	6.8	7.3	at the utilidor
11	7.7	8.3	7.7	8.9	at the utilidor



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12	6.8	8.7	7.2	9.0	at the utilidor
13	6.9	8.5	7.8	8.8	at the utilidor
14	6.7	7.1	7.0	6.5	at the utilidor
15	7.0	7.0	6.8	6.9	at the utilidor
16	6.8	7.2	6.8	6.7	at the utilidor
17	7.5	7.0	7.2	7.5	at the utilidor
18	7.6	7.7	7.1	7.3	at the utilidor
19	8.0	7.5	6.9	7.9	at the utilidor
20	7.4	6.7	7.0	7.1	at the utilidor
21	6.6	7.0	7.1	6.6	at the utilidor
22	6.9	7.1	6.7	7.7	at the utilidor
23	7.0	7.6	7.9	8.0	at the utilidor
24	7.8	7.8	8.0	7.8	at the utilidor
25	7.1	7.6	7.8	7.9	at the utilidor
26	7.2	7.4	7.5	7.2	at the utilidor
27	7.9	7.9	7.8	7.8	at the utilidor
28	7.8	7.6	7.4	7.6	at the utilidor
29	7.7	7.1	7.1	7.4	at the utilidor
30	7.1	7.3	7.2	7.1	at the utilidor
31	7.1	7.3	7.1	6.9	
32	9.2	8.6	8.9	8.8	
33	9.5	8.3	N/A	8.0	6 O'clock reading directly at T-piece, omitted
34	8.8	8.4	9.0	8.3	
35	7.4	7.1	6.9	7.5	
36	6.7	7.0	6.5	6.9	
37	6.8	7.4	8.4	7.7	
38	6.8	7.3	8.3	8.1	
39	6.8	7.1	7.6	8.4	
40	7.3	7.3	7.0	7.3	
41	7.4	7.3	7.2	7.5	
42	6.8	7.7	7.0	7.1	
43	6.0	6.6	6.0	6.2	
44	6.1	7.1	6.0	6.0	
45	6.2	6.9	6.5	6.5	
46	6.6	6.1	6.6	6.9	
47	6.0	6.7	6.8	7.2	
48	5.7	5.7	4.9	5.3	
49	5.6	5.7	4.9	5.7	
50	5.7	5.7	4.9	5.7	
51	6.7	6.8	6.8	6.5	
52	6.7	6.6	7.0	7.3	
53	6.7	7.3	7.2	6.8	
54	5.9	6.2	5.7	6.1	
55	5.7	6.1	5.8	6.2	



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56	5.7	6.0	5.7	6.2	
57	7.3	7.7	7.6	7.5	
58	7.1	7.5	7.0	7.1	
59	7.3	7.4	7.1	7.3	
60	5.7	6.1	5.9	6.2	
61	5.7	5.9	6.2	6.3	
62	6.0	5.8	6.1	6.2	
63	10.7	9.5	N/A	8.2	6 O'clock reading directly at T-piece, omitted
64	8.9	9.2	8.4	8.7	
65	8.6	6.3	8.1	8.4	
66	6.4	6.2	6.4	6.4	
67	6.5	6.3	6.4	6.9	
68	6.6	6.1	6.4	6.8	
69	8.7	9.2	7.6	8.1	
70	5.9	6.1	5.9	6.3	
71	5.7	5.7	5.6	5.7	
72	5.7	6.0	5.2	5.4	
73	7.4	7.5	7.5	7.3	
74	6.1	6.7	6.4	6.0	4" ELB
75	6.2	6.7	6.5	6.1	4" ELB
76	5.1	4.7	4.6	4.7	4" ELB
77	7.2	7.5	7.2	7.7	
78	7.1	7.4	7.1	7.6	
79	7.1	7.1	7.2	7.1	
80	6.9	7.7	7.5	7.7	
81	7.2	8.0	7.5	7.2	
82	7.7	6.8	6.9	6.8	
83	6.9	6.8	7.5	8.0	
84	7.0	7.8	8.0	7.9	
85	7.2	6.7	7.9	7.7	
86	8.0	8.1	7.4	7.5	
87	7.5	7.7	7.1	7.3	
88	7.6	7.7	7.6	7.1	
89	6.3	7.2	7.2	8.0	
90	6.1	7.6	7.3	8.0	
91	7.5	7.3	7.3	7.9	
92	7.5	7.5	7.5	7.6	
93	7.9	7.8	7.7	7.9	
94	7.2	6.8	7.2	7.2	
95	6.7	7.7	8.1	7.9	
96	6.6	7.8	8.0	7.4	
97	7.8	8.1	7.8	7.3	
98	6.7	6.7	7.3	6.9	
99	7.0	6.9	7.3	7.2	



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100	6.8	6.9	6.8	6.7	
101	7.9	6.7	7.7	8.3	
102	7.6	7.3	7.5	8.3	
103	7.4	8.4	7.5	7.7	
104	6.6	6.6	7.5	6.7	
105	7.3	7.7	7.6	7.5	
106	7.4	7.3	7.2	7.6	at the utilidor
107	7.1	7.0	6.8	7.0	at the utilidor
108	6.8	6.9	7.0	7.2	at the utilidor
109	7.3	6.9	6.6	6.7	at the utilidor
110	6.7	6.8	7.3	6.7	at the utilidor
111	7.1	6.9	7.0	7.2	at the utilidor
112	7.0	6.9	7.3	7.3	at the utilidor
113	6.8	7.2	7.0	7.0	at the utilidor
114	7.2	7.4	7.6	6.7	at the utilidor
115	6.8	6.8	7.1	6.9	at the utilidor
116	6.8	7.1	6.9	7.6	at the utilidor
117	7.1	7.0	6.9	7.0	at the utilidor
118	6.9	6.9	6.8	6.9	at the utilidor
119	7.0	7.3	7.2	7.1	at the utilidor
120	7.5	7.6	7.7	7.2	at the utilidor
121	7.2	7.5	7.0	7.4	at the utilidor
122	7.2	7.5	7.3	7.0	at the utilidor
123	7.3	7.3	7.0	7.1	at the utilidor
124	7.9	7.7	7.5	7.2	at the utilidor
125	7.4	7.1	7.7	7.5	at the utilidor
126	7.0	7.1	7.1	7.6	at the utilidor
127	6.8	6.5	7.2	7.5	at the utilidor
128	6.7	6.9	6.9	7.0	at the utilidor
129	7.0	7.5	7.2	7.1	at the utilidor
130	7.5	6.8	6.9	6.9	at the utilidor
131	7.2	6.8	6.7	7.2	at the utilidor
132	6.9	6.8	6.9	7.0	at the utilidor
133	7.0	7.1	7.3	6.7	at the utilidor
134	5.6	5.6	5.9	5.7	at the utilidor
135	5.7	5.7	5.6	5.7	at the utilidor
136	5.6	5.7	5.6	5.7	at the utilidor
137	5.7	5.7	5.7	5.7	at the utilidor
138	5.6	6.0	5.7	5.7	at the utilidor
139	5.6	6.0	5.7	5.0	at the utilidor
140	7.9	7.5	7.2	8.0	at the utilidor
141	7.7	7.5	7.3	7.6	at the utilidor
142	7.6	7.3	7.7	7.3	at the utilidor
143	7.5	7.2	8.0	8.1	at the utilidor



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144	7.2	7.4	7.3	7.7	at the utilidor
145	7.2	7.6	7.6	7.7	at the utilidor
146	7.7	7.4	7.2	7.7	at the utilidor
147	7.2	7.7	7.3	6.8	at the utilidor
148	7.6	7.7	7.6	8.0	at the utilidor
149	7.5	7.6	7.2	8.0	at the utilidor
150	7.3	7.3	7.5	7.3	at the utilidor
151	7.1	7.0	7.4	7.4	at the utilidor
152	6.4	6.2	6.2	6.6	at the utilidor
153	6.0	6.5	6.0	7.0	at the utilidor
154	6.2	6.6	6.7	6.9	at the utilidor
155	6.0	6.7	6.4	6.3	at the utilidor
156	6.3	6.6	6.7	6.4	
157	6.2	6.6	6.4	6.4	
158	6.2	6.2	6.1	6.2	
159	6.3	6.2	6.1	6.2	
160	6.3	6.3	6.2	6.3	
161	7.0	7.2	7.5	7.5	
162	7.0	7.7	7.9	7.3	
163	7.5	7.4	7.6	7.4	
164	7.8	7.1	8.0	8.0	
165	6.9	8.0	8.1	7.9	
166	6.2	6.8	6.1	6.9	
167	6.1	6.9	6.0	7.1	
168	6.5	6.7	6.3	6.8	
169	7.0	7.4	7.5	7.4	
170	7.0	7.2	7.2	7.4	
171	7.0	7.3	7.5	7.4	
172	6.1	6.8	6.4	6.6	
173	6.4	6.9	6.0	6.5	
174	6.2	6.4	6.2	7.0	
175	6.3	6.5	5.9	6.8	
176	6.2	6.8	5.7	7.0	
177	6.3	6.8	6.0	6.7	
178	9.5	9.2	9.0	9.0	
179	9.9	9.5	N/A	9.3	6 O'clock reading directly at T piece omitted
180	9.9	9.6	9.0	9.0	
181	6.4	6.5	6.5	6.7	
182	6.0	6.6	6.1	6.9	
183	5.9	6.4	6.0	7.0	
184	8.0	8.3	8.3	7.4	RED 6 X 4
185	6.6	6.3	6.2	6.3	RED 4 X 3
186	5.1	5.0	4.9	5.0	3" section
187	6.8	6.6	7.1	7.4	



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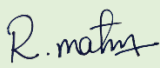
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188	7.0	6.6	7.0	7.4	
189	9.4	9.2	9.4	9.2	RED 6 X 4
190	5.4	5.4	5.3	5.8	4" ELB
191	5.0	5.7	5.4	5.6	4" ELB
192	6.3	6.6	6.1	6.4	4" STR
BERTH 1					
1	10.0	10.4	10.5	9.8	
2	10.1	9.8	10.6	9.9	
3	7.8	6.5	7.3	8.6	
4	7.2	6.7	7.5	8.7	
5	7.2	7.8	7.4	9.3	
6	10.5	9.3	N/A	9.5	6 O'clock reading directly at T-piece omitted
7	10.7	9.3	N/A	9.5	6 O'clock reading directly at T-piece omitted
8	10.7	9.3	N/A	9.7	6 O'clock reading directly at T-piece omitted
9	8.5	8.6	8.3	9.3	
10	7.6	7.6	7.2	7.8	
11	7.4	7.6	7.0	7.6	
12	7.4	7.5	7.0	7.4	
13	9.1	9.3	8.4	8.6	
BERTH 2					
1	7.3	7.8	7.8	7.4	
2	7.4	7.8	7.8	6.8	
3	7.1	7.5	6.8	7.2	
4	7.1	7.1	7.4	7.0	
5	7.1	7.5	7.3	7.1	
6	10.3	10.7	N/A	9.1	6 O'clock reading directly at T-piece omitted
7	11.0	10.0	N/A	9.4	6 O'clock reading directly at T-piece omitted
8	10.4	9.2	N/A	9.0	6 O'clock reading directly at T-piece omitted
9	8.6	9.1	8.9	8.5	
10	6.9	8.0	7.4	7.6	
11	6.7	7.7	8.0	7.8	
12	7.0	7.6	7.3	7.7	
13	9.3	9.7	9.2	9.1	

Notes:

SIGNATURES

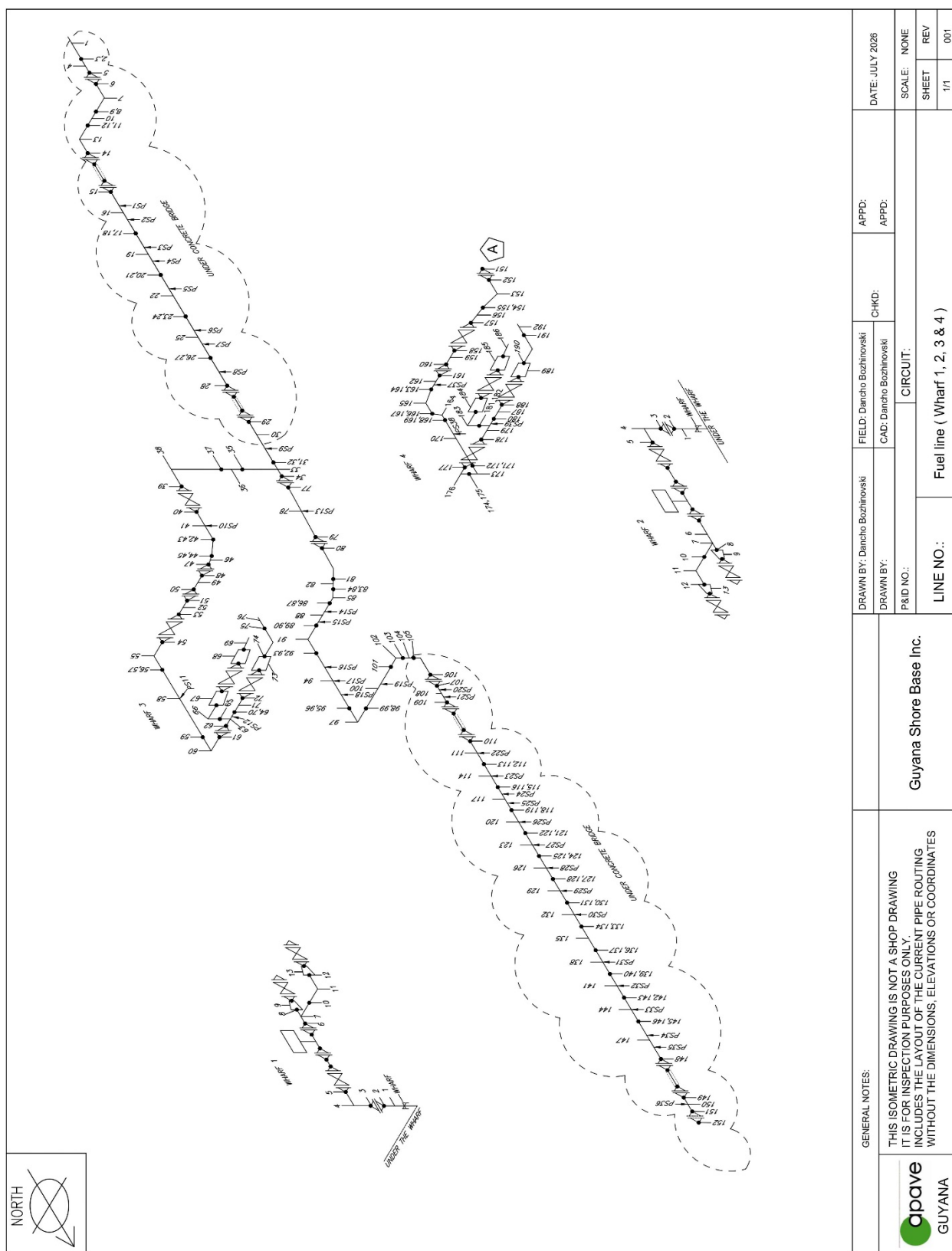
NDT TECHNICIAN		APPROVED BY		ACCEPTED BY	
Name:	Mathavan Rengaraju	Name:	Pawel Kudas	Name:	
Qualification:	SNT-TC-1A	Qualification:	UT PCN /API 570	Qualification:	
Date:	01/08/2026	Date:	01/08/2026	Date:	
Signature:		Signature:		Signature:	



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Drawing / Sketch / ISO



Comment: Isometric Diagram rev.1