



Apave Guyana Inc.
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Ultrasonic testing report

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Report No.	APGY/26/UT/004	Revision:	01
Test date:	04/08/2026		
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PROJECT DATA

Client:	GYSBI	Client's Specification(s)	
Project:	Fuel line under the wharf (Berth 1 & 2)	Procedure number:	T.P.AI.WI.UT.0001 – V1
Location:	Fuel line under the wharf (Berth 1 & 2)	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 under the wharf (Berth 1 & 2)	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	20mm- 2mm 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:
176	6.3	6.4	6.4	6.5	
177	6.4	6.7	6.3	6.3	
178	6.7	6.3	6.4	6.5	
179	6.4	6.3	6.4	6.6	
180	6.6	6.7	6.4	6.3	
181	6.4	6.4	5.9	6.3	
182	6.5	6.4	6.6	6.0	
183	6.4	6.4	6.3	6.3	
184	5.7	6.0	6.0	5.8	
185	6.0	5.7	6.0	5.8	
186	6.3	6.2	6.4	6.4	
187	7.6	7.3	6.4	7.1	ELB



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188	7.7	7.2	6.4	7.2	ELB
189	7.5	7.1	6.5	7.1	ELB
190	6.1	6.3	6.6	6.5	
191	6.3	6.4	6.4	6.8	
192	6.4	6.4	6.3	6.5	
193	7.3	7.0	6.7	8.0	ELB
194	7.1	7.0	7.1	7.6	ELB
195	6.9	6.9	7.0	7.3	ELB
196	7.0	7.1	7.0	7.0	
197	7.6	6.9	6.6	6.7	
198	6.6	6.6	6.5	6.3	
199	6.7	6.7	6.7	6.6	
200	6.8	7.0	7.0	6.9	
201	6.9	6.5	7.0	7.1	
202	6.9	7.4	6.9	6.6	
203	6.7	7.3	7.4	7.0	
204	6.8	7.2	7.6	7.1	
205	7.0	7.6	6.9	7.1	TEE
206	7.5	7.2	N/A	7.5	TEE
207	7.2	7.9	7.3	7.5	TEE
208	7.1	6.2	6.3	6.3	ELB
209	6.4	6.3	6.5	5.8	ELB
210	6.4	6.2	6.7	5.8	ELB
211	9.7	10.4	10.1	10.2	
212	9.7	10.3	9.8	10.0	
213	10.1	10.2	9.4	10.3	
214	10.2	10.8	9.8	10.3	
215	10.3	10.9	10.7	10.0	
216	10.2	9.7	10.9	10.9	
217	10.5	10.5	10.6	10.5	
218	10.6	10.9	10.5	9.8	
219	10.1	9.9	10.5	10.6	
220	10.2	10.3	10.0	10.0	
221	10.5	10.2	10.3	10.8	
222	10.3	10.1	10.5	10.4	
223	10.1	10.3	10.2	10.3	
224	10.6	10.3	10.0	10.3	
225	10.0	10.1	10.2	10.0	
226	10.4	10.3	9.9	10.1	
227	10.4	10.7	10.4	10.6	
228	10.4	10.2	10.0	10.0	
229	9.8	10.0	9.9	10.1	
230	9.8	10.3	10.1	10.0	
231	9.8	9.9	10.1	10.2	
232	10.2	9.8	10.1	10.3	
233	10.2	10.1	9.6	10.2	



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234	10.0	9.7	10.3	10.1	
235	10.5	10.0	10.4	9.7	
236	10.6	10.4	10.5	9.9	
237	9.9	10.1	10.1	10.3	
238	10.3	10.3	10.1	10.0	
239	10.4	10.1	10.8	10.7	
240	10.0	9.9	10.5	10.1	
241	10.4	11.0	10.3	11.2	ELB
242	10.0	10.5	10.2	11.3	ELB
243	10.0	10.3	9.5	10.8	ELB
244	10.2	10.4	10.0	10.7	
245	10.3	10.7	10.4	101.0	
246	10.0	9.9	10.5	9.8	
247	9.6	10.3	10.5	10.7	ELB
248	9.9	10.2	9.9	11.0	ELB
249	9.4	10.0	9.9	10.9	ELB
250	10.0	10.0	10.3	9.4	
251	10.3	11.0	9.9	10.6	
252	6.2	7.0	6.2	6.6	
253	5.8	6.5	6.6	6.8	
254	6.9	7.2	6.5	6.8	
255	6.8	6.6	6.6	6.4	
256	6.8	6.8	6.4	7.2	
257	7.1	6.9	6.7	6.8	
258	7.2	6.8	6.9	7.0	
259	6.7	6.7	7.0	7.0	
260	7.3	7.2	6.7	7.4	
261	6.7	7.1	6.8	7.1	
262	6.9	6.3	6.3	7.3	
263	7.1	7.3	6.6	7.0	
264	7.1	6.3	6.7	7.1	
265	7.2	7.5	8.1	7.4	TEE
266	7.7	7.1	N/A	7.3	TEE
267	7.4	7.3	7.6	8.0	TEE
268	6.2	7.0	6.4	6.8	
269	6.9	6.5	6.8	7.0	
270	7.2	7.3	6.7	6.7	
271	7.5	7.3	6.8	6.6	
272	7.5	7.1	6.3	6.7	
273	7.0	7.0	6.7	6.6	
274	7.2	6.9	6.7	7.1	
275	7.2	7.0	6.3	6.6	
276	7.1	6.9	6.2	6.4	
277	7.2	7.0	6.2	6.8	
278	7.5	7.3	6.7	6.9	
279	7.0	7.2	6.8	6.3	



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280	7.0	7.2	6.9	6.7	
281	7.0	6.5	6.5	6.6	
282	6.9	6.6	6.7	6.9	
283	6.9	6.4	6.9	6.9	
284	6.9	7.1	7.1	7.0	
285	6.8	6.7	7.0	6.7	
286	6.7	6.7	7.0	6.9	
287	6.4	6.3	7.2	7.1	
288	6.9	7.1	7.0	8.3	TEE
289	7.0	7.2	N/A	8.0	TEE
290	7.1	7.6	7.1	8.0	TEE
291	6.8	6.9	6.3	7.1	
292	7.3	6.7	7.4	6.7	
293	7.4	6.9	6.3	7.3	
294	7.6	7.1	N/A	7.0	EXTERNAL CORROSION
295	7.1	7.9	8.5	8.1	ELB
296	6.9	7.9	8.1	7.6	ELB
297	6.3	7.7	7.8	7.6	ELB
298	7.4	7.8	7.2	7.5	
299	7.3	7.3	7.5	7.7	
300	6.9	7.1	6.7	6.2	
301	6.7	6.3	6.8	7.2	
302	6.5	7.4	6.9	6.3	
303	6.9	6.8	6.9	6.7	
304	7.4	7.1	6.9	6.5	
305	7.0	7.4	6.8	6.5	
306	6.3	6.8	6.8	6.7	
307	6.3	7.0	6.7	6.9	
308	7.3	6.9	6.9	7.1	
309	6.9	6.9	6.4	7.2	
310	6.9	7.1	6.7	6.6	
311	6.9	7.1	6.5	6.6	
312	7.7	7.2	6.5	6.5	
313	7.3	7.0	6.7	6.7	
314	6.8	7.0	6.6	7.0	
315	6.5	6.7	7.2	6.8	
316	7.2	6.5	7.1	7.0	
317	7.0	6.3	7.0	7.0	
318	5.7	5.2	6.2	6.1	ELB
319	5.6	6.0	6.0	6.4	ELB
320	5.6	5.8	5.8	6.0	ELB
321	6.4	6.3	6.5	6.8	ELB
322	6.3	6.4	6.8	7.0	ELB
323	6.4	6.3	6.4	6.7	ELB
324	6.9	6.3	7.5	7.4	
325	7.1	6.5	6.6	6.9	



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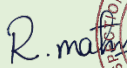
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326	7.1	6.4	6.4	6.8	
327	6.9	7.0	6.7	6.7	
328	6.8	7.1	7.0	6.5	
329	6.7	7.1	6.8	6.4	
330	7.0	6.8	7.3	7.1	
331	7.0	7.1	6.3	6.8	
332	7.1	7.0	6.7	6.8	
333	7.0	6.9	6.3	7.0	
334	7.0	7.0	6.9	7.0	
335	7.0	7.1	6.8	6.8	
336	7.0	6.6	6.7	6.7	
337	7.0	7.1	6.9	7.0	
338	6.4	7.3	7.4	6.6	
339	6.6	7.5	6.9	7.0	
340	6.4	7.0	6.9	6.5	
341	6.7	7.1	6.5	6.6	
342	7.1	6.7	7.0	6.8	
343	7.1	6.8	6.9	7.0	
344	7.1	6.8	7.2	7.0	
345	7.4	7.2	6.7	6.5	
346	6.9	7.2	6.5	7.0	
347	7.1	6.8	6.5	6.7	
348	6.7	7.0	6.5	6.8	
349	6.6	7.0	6.6	6.4	
350	6.7	7.0	6.4	6.5	
351	7.6	7.1	7.2	7.5	ELB 45'
352	7.6	7.6	7.6	8.0	ELB 45'
353	6.6	6.9	6.6	6.7	
354	6.3	6.8	6.5	6.8	
355	6.6	6.9	6.8	6.5	
356	6.9	8.6	7.9	8.3	ELB
357	6.4	8.5	7.8	8.0	ELB
358	7.0	7.8	7.8	7.8	ELB
359	7.1	7.1	7.5	7.6	
360	7.2	7.4	7.5	7.6	

Notes:

SIGNATURES

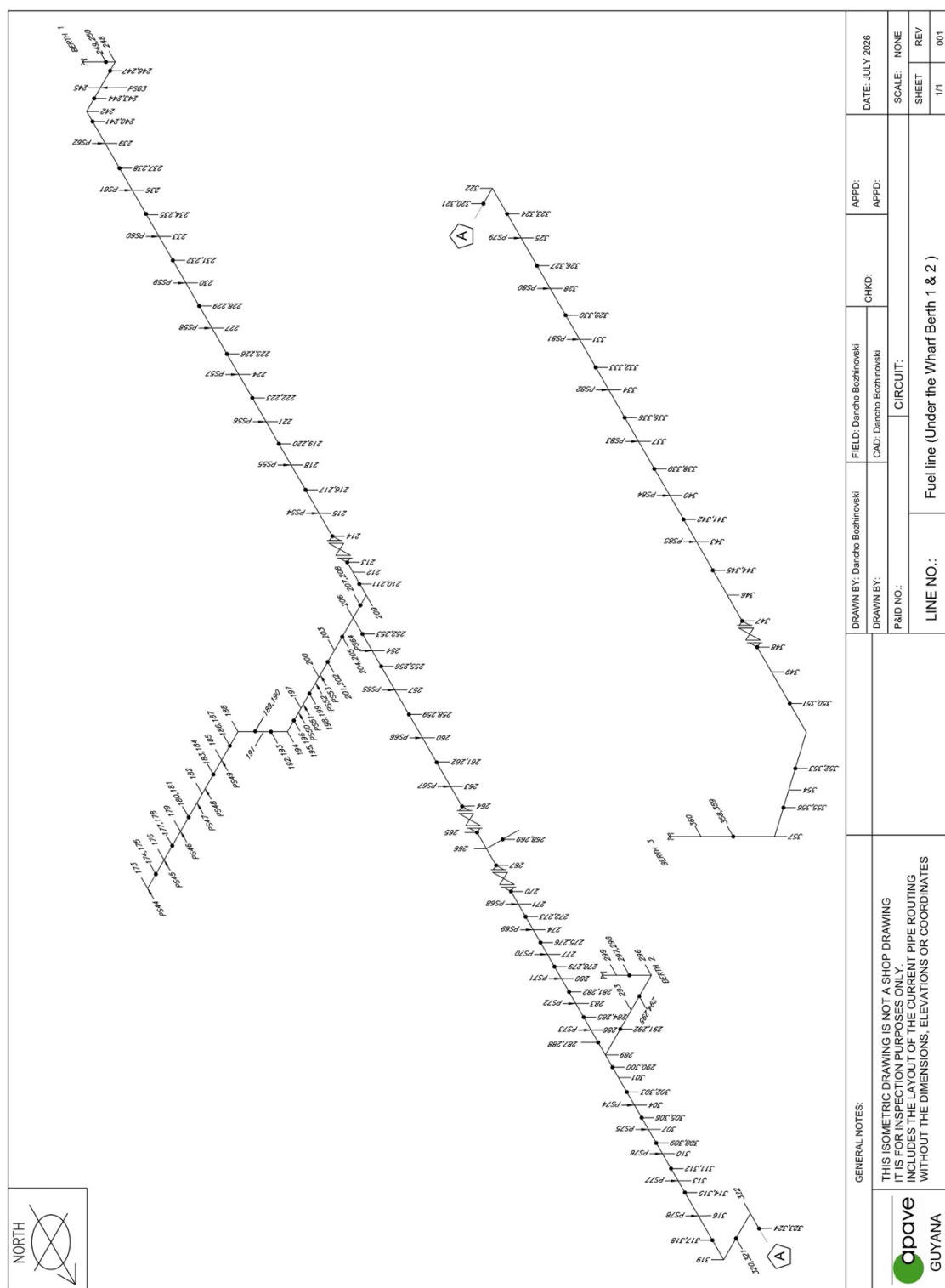
NDT TECHNICIAN		APPROVED BY		ACCEPTED BY	
Name:	Mathavan Rengaraju	Name:	Pawel Kudas	Name:	
Qualification:	SNT-TC-1A	Qualification:	UT PCN, API 570	Qualification:	
Date:	04/08/2026	Date:	04.08.2026	Date:	
Signature:		Signature:		Signature:	



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Drawing / Sketch / ISO



Comment: Isometric Diagram rev.1