



Catalytica Pharmaceuticals

Ultrasonic Thickness Testing Data Report

Description	2500 Gallon Waste Storage Tank		
Equipment No.	47882	Asset No.:	47882
Date of Test	06/08/1999	Statistics	
Building	3	Date →	06/08/1999
Location	M-1-OS-N	Minimum	0.483
Scan Location	Shell at 0°	Maximum	0.491
Mfr. Serial No.	13427-3	Average	0.487
Natl. Board No.	N/A	Median	0.486
Manf.	GLASCOTE	Std. Dev.	0.002
<i>All thickness values are in inches.</i>			

Measurement Location	Thickness Measured 06/08/1999	Design Nominal Thickness	Nominal Minus Corr. Allow	Calculated Minimum Thickness	Comments
0	0.486				
3	0.487				
6	0.486				
9	0.486				
12	0.486				
15	0.484				
18	0.486				
21	0.485				
24	0.490				
27	0.490				
30	0.490				
33	0.487				
36	0.489				
39	0.491				
42	0.490				
45	0.490				
48	0.490				
51	0.491				
54	0.487				
57	0.487				
60	0.486				
63	0.486				
66	0.489				
69	0.489				
72	0.486				
75	0.485				
78	0.485				
81	0.485				
83	0.486				
86	0.484				
89	0.486				
92	0.486				



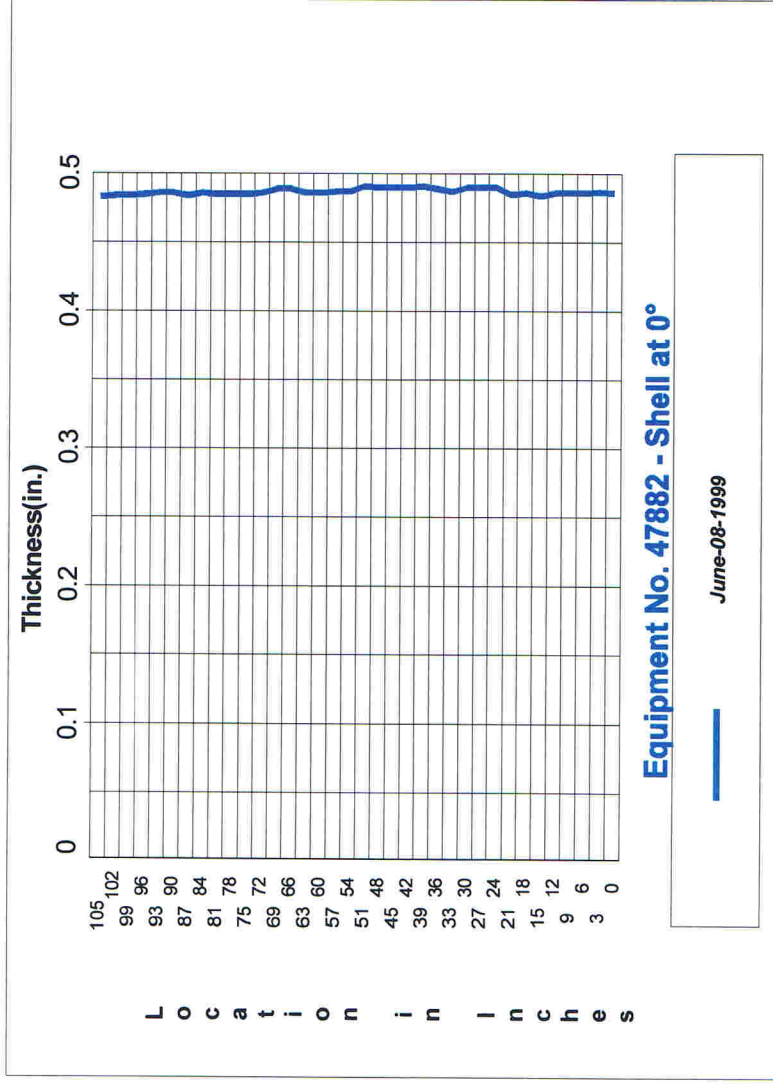
Catalytica Pharmaceuticals

Ultrasonic Thickness Testing Data Report

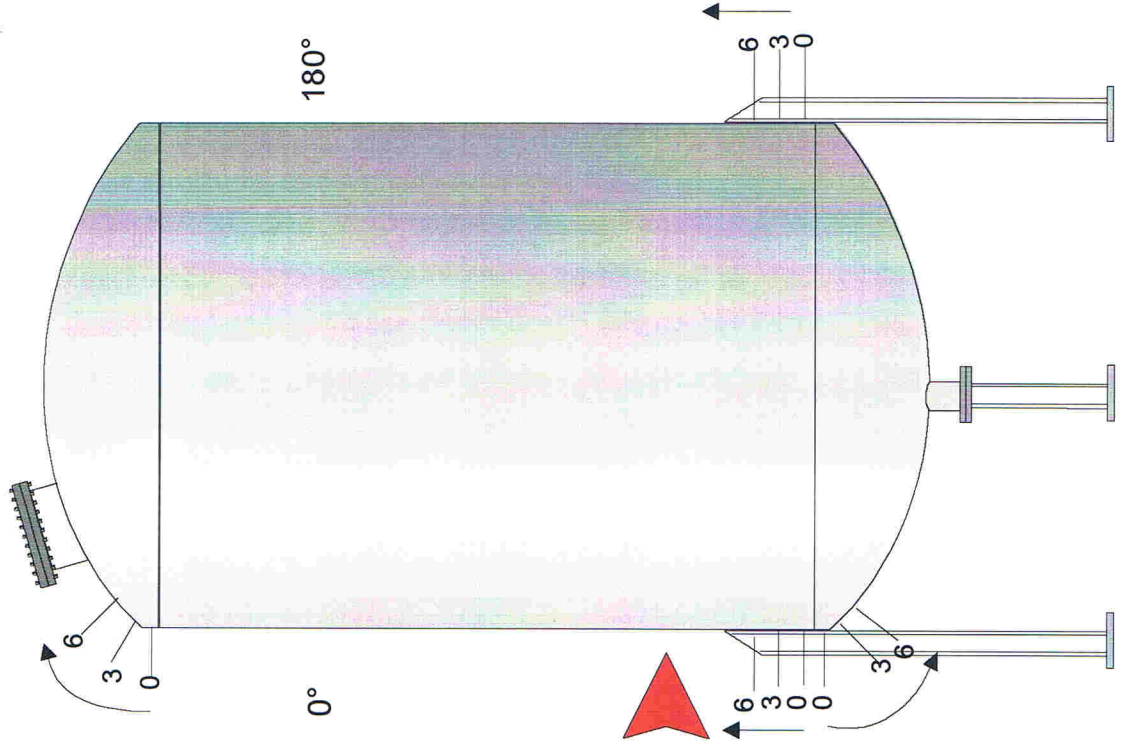
Description	2500 Gallon Waste Storage Tank		
Equipment No.	47882	Asset No.:	47882
Date of Test	06/08/1999	Statistics	
Building	3	Date →	06/08/1999
Location	M-1-OS-N	Minimum	0.483
Scan Location	Shell at 0°	Maximum	0.491
Mfr. Serial No.	13427-3	Average	0.487
Natl. Board No.	N/A	Median	0.486
Manf.	GLASCOTE	Std. Dev.	0.002
<i>All thickness values are in inches.</i>			

Measurement Location	Thickness Measured	Design Nominal Thickness	Nominal Minus Corr. Allow	Calculated Minimum Thickness	Comments
95	0.485				
98	0.484				
101	0.484				
104	0.483				

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Description	2500 Gallon Waste Storage Tank		
Equipment No.	47882	Asset No.:	47882
Date of Test	06/08/1999	Statistics	
Building	3	Date →	06/08/1999
Location	M-1-OS-N	Minimum	0.483
Scan Location	Shell at 180°	Maximum	0.493
Mfr. Serial No.	13427-3	Average	0.487
Natl. Board No.	N/A	Median	0.486
Manf.	GLASCOTE	Std. Dev.	0.003
<i>All thickness values are in inches.</i>			

Measurement Location	Thickness Measured 06/08/1999	Design Nominal Thickness	Nominal Minus Corr. Allow	Calculated Minimum Thickness	Comments
0	0.487				
3	0.486				
6	0.484				
9	0.485				
12	0.487				
15	0.491				
18	0.487				
21	0.488				
24	0.486				
27	0.486				
30	0.487				
33	0.490				
36	0.488				
39	0.490				
42	0.493				
45	0.490				
48	0.489				
51	0.489				
54	0.485				
57	0.486				
60	0.486				
63	0.487				
66	0.486				
69	0.489				
72	0.486				
75	0.486				
78	0.490				
81	0.485				
83	0.483				
86	0.483				
89	0.483				
92	0.484				



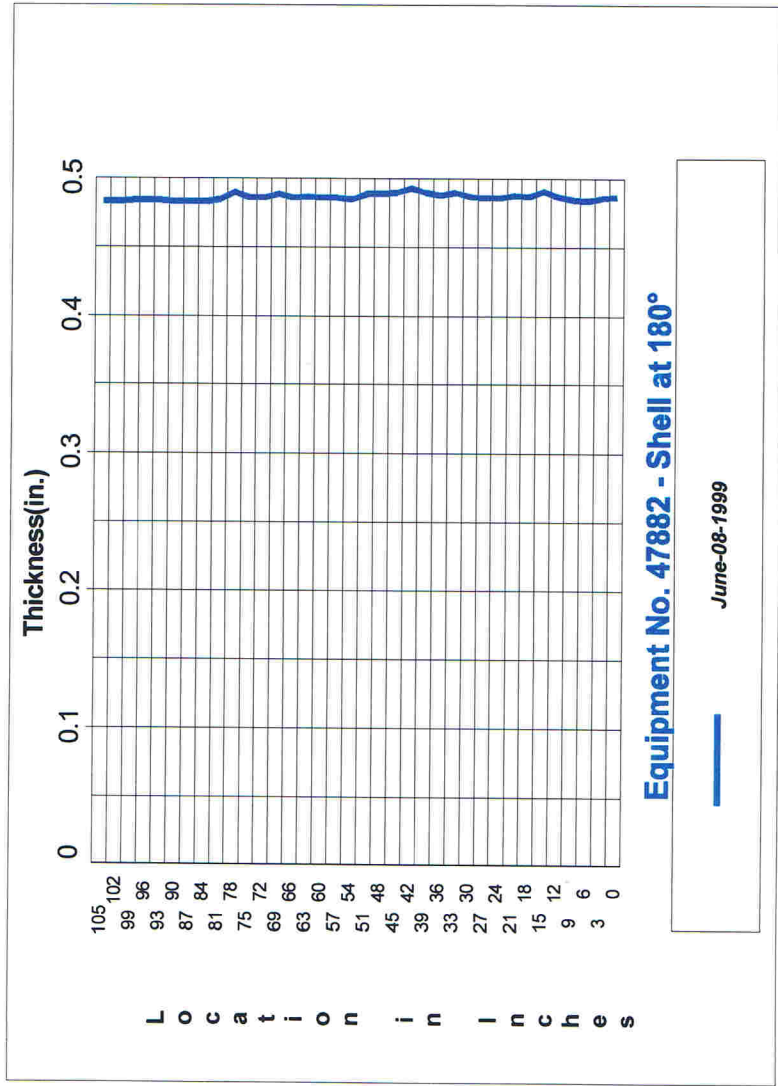
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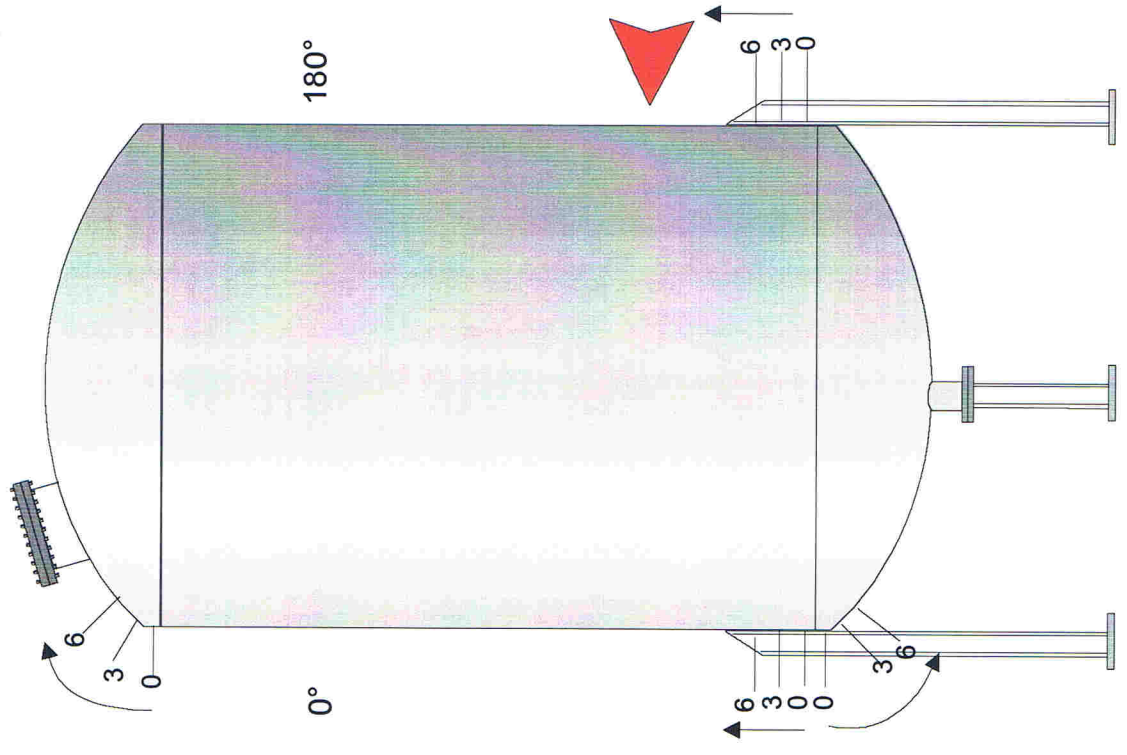
Description	2500 Gallon Waste Storage Tank		
Equipment No.	47882	Asset No.:	47882
Date of Test	06/08/1999	Statistics	
Building	3	Date →	06/08/1999
Location	M-1-OS-N	Minimum	0.483
Scan Location	Shell at 180°	Maximum	0.493
Mfr. Serial No.	13427-3	Average	0.487
Natl. Board No.	N/A	Median	0.486
Manf.	GLASCOTE	Std. Dev.	0.003
<i>All thickness values are in inches.</i>			

Measurement Location	Thickness Measured	Design Nominal Thickness	Nominal Minus Corr. Allow	Calculated Minimum Thickness	Comments
95	0.484				
98	0.484				
101	0.483				
104	0.483				

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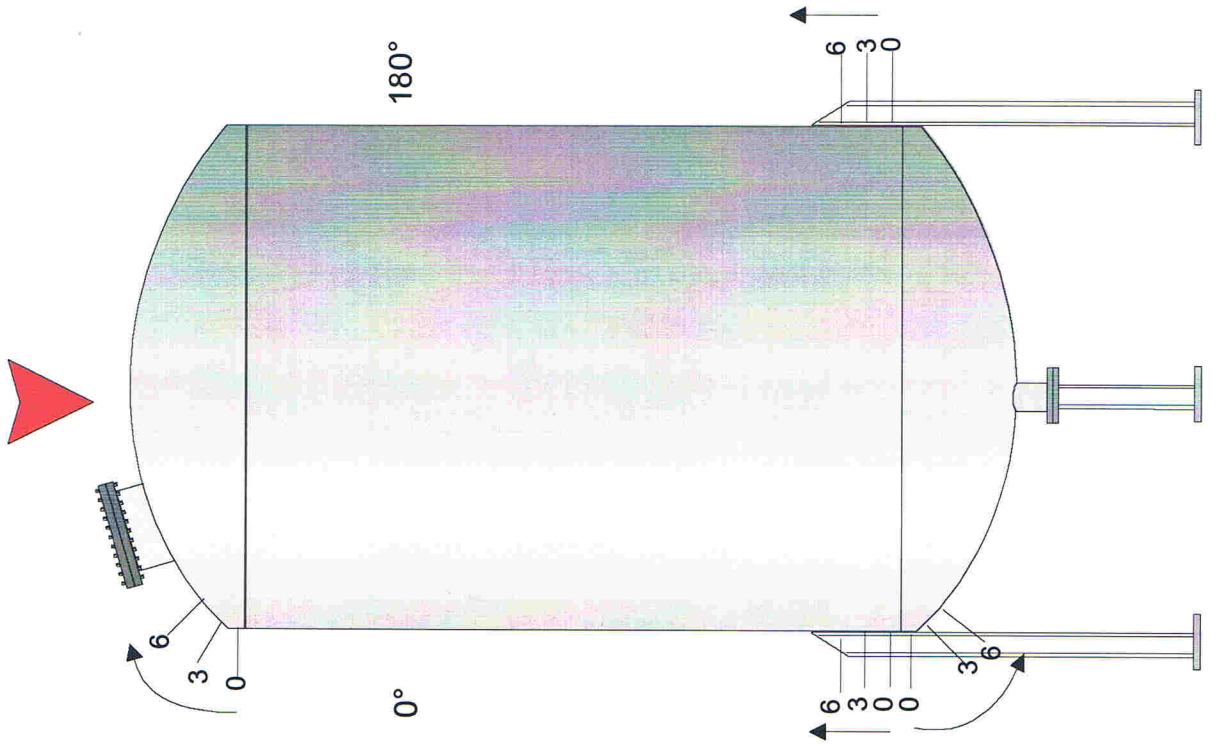
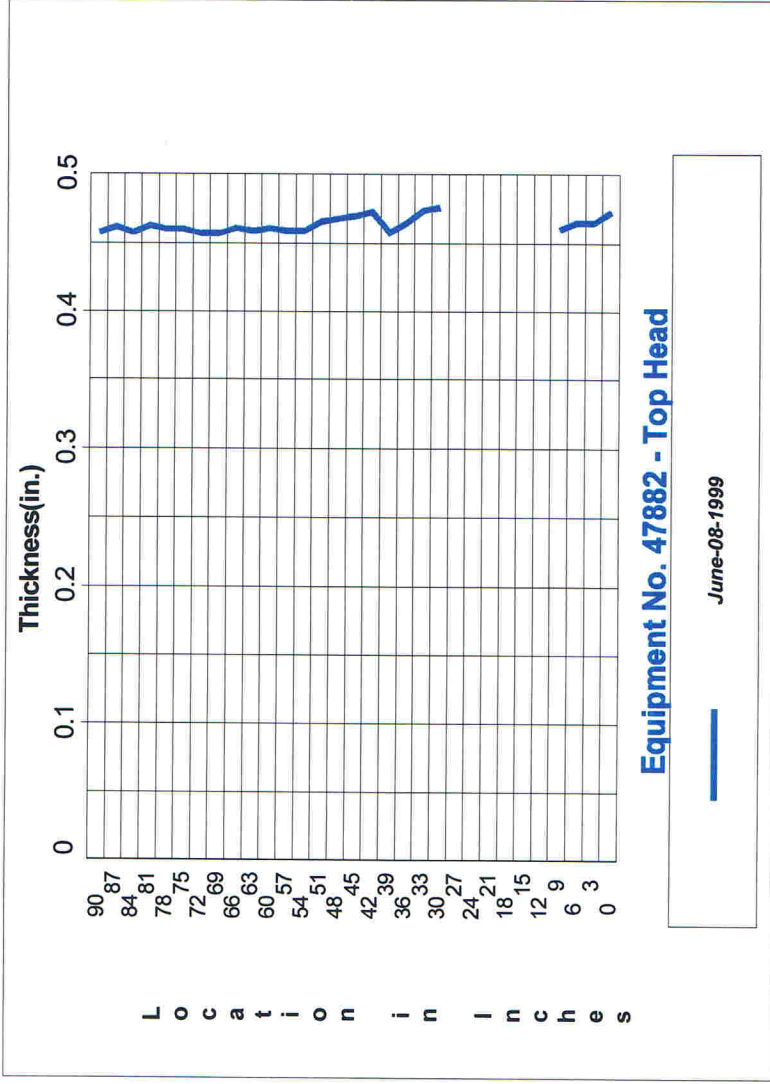
Ultrasonic Thickness Testing Data Report

Description	2500 Gallon Waste Storage Tank																														
Equipment No.	47882	Asset No.:	47882																												
Date of Test	06/08/1999	<table border="1"> <thead> <tr> <th colspan="4">Statistics</th> </tr> </thead> <tbody> <tr> <td>Date →</td> <td>06/08/1999</td> <td></td> <td></td> </tr> <tr> <td>Minimum</td> <td></td> <td>0.457</td> <td></td> </tr> <tr> <td>Maximum</td> <td></td> <td>0.476</td> <td></td> </tr> <tr> <td>Average</td> <td></td> <td>0.463</td> <td></td> </tr> <tr> <td>Median</td> <td></td> <td>0.461</td> <td></td> </tr> <tr> <td>Std. Dev.</td> <td></td> <td>0.006</td> <td></td> </tr> </tbody> </table>		Statistics				Date →	06/08/1999			Minimum		0.457		Maximum		0.476		Average		0.463		Median		0.461		Std. Dev.		0.006	
Statistics																															
Date →	06/08/1999																														
Minimum				0.457																											
Maximum				0.476																											
Average				0.463																											
Median				0.461																											
Std. Dev.				0.006																											
Building	3																														
Location	M-1-OS-N																														
Scan Location	Top Head																														
Mfr. Serial No.	13427-3																														
Natl. Board No.	N/A																														
Manf.	GLASCOTE																														

All thickness values are in inches.

Measurement Location	Thickness Measured 06/08/1999	Design Nominal Thickness	Nominal Minus Corr. Allow	Calculated Minimum Thickness	Comments
0	0.473				
3	0.465				
6	0.465				
9	0.460				
12	Obstr				
15	Obstr				
18	Obstr				
21	Obstr				
24	Obstr				
27	Obstr				
30	0.476				
33	0.474				
36	0.465				
39	0.458				
42	0.473				
45	0.470				
48	0.468				
51	0.466				
54	0.459				
57	0.459				
60	0.461				
63	0.459				
66	0.461				
69	0.457				
72	0.457				
75	0.460				
78	0.460				
81	0.463				
83	0.458				
86	0.462				
89	0.458				

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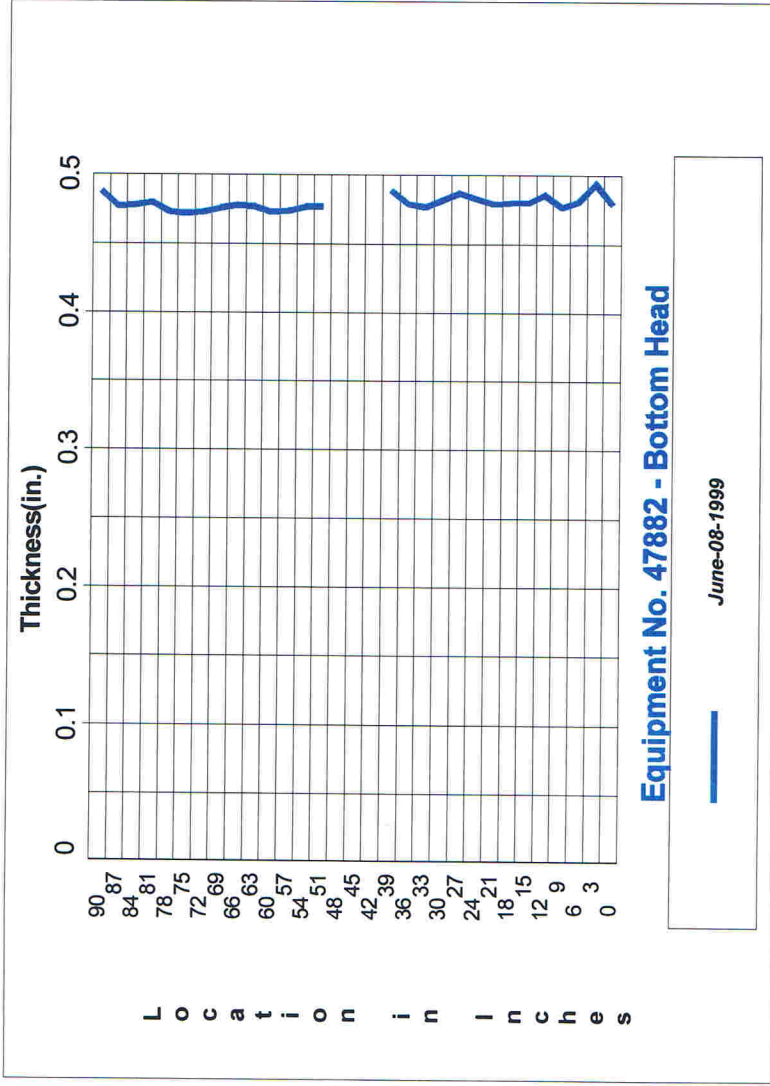
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Description	2500 Gallon Waste Storage Tank		
Equipment No.	47882	Asset No.:	47882
Date of Test	06/08/1999	Statistics	
Building	3	Date →	06/08/1999
Location	M-1-OS-N	Minimum	0.472
Scan Location	Bottom Head	Maximum	0.494
Mfr. Serial No.	13427-3	Average	0.480
Natl. Board No.	N/A	Median	0.479
Manf.	GLASCOTE	Std. Dev.	0.005
All thickness values are in inches.			

Measurement Location	Thickness Measured 06/08/1999	Design Nominal Thickness	Nominal Minus Corr. Allow	Calculated Minimum Thickness	Comments
0	0.479				
3	0.494				
6	0.481				
9	0.477				
12	0.486				
15	0.480				
18	0.480				
21	0.479				
24	0.483				
27	0.487				
30	0.482				
33	0.477				
36	0.479				
39	0.489				
42	Obstr				
45	Obstr				
48	Obstr				
51	0.477				
54	0.477				
57	0.474				
60	0.473				
63	0.477				
66	0.478				
69	0.476				
72	0.473				
75	0.472				
78	0.473				
81	0.480				
83	0.478				
86	0.477				
89	0.488				

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