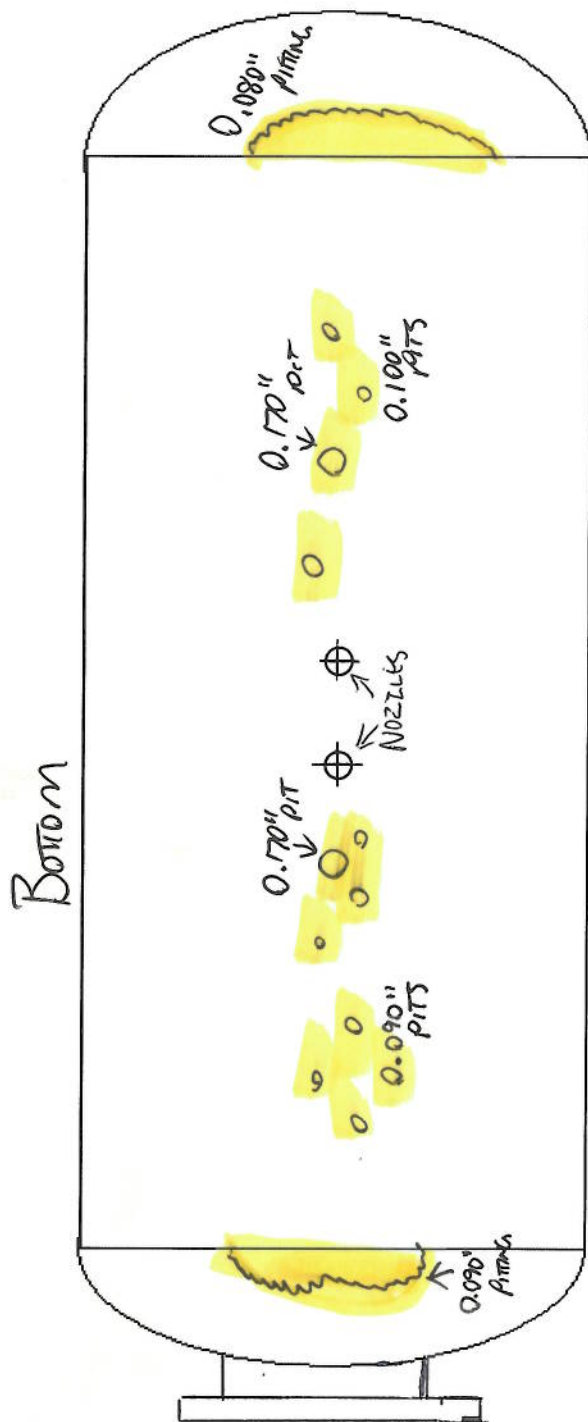


Internal Inspection Items	G	F	P	N/A	Comments
<b>Coating</b> Assess coating. Describe area coated, general condition of coating. Look at nozzles, coupling, and areas of most severe corrosion to ensure coating is intact. If coating is in poor condition make decision <u>now</u> if re-coating necessary? If so, when?				✓	
<b>Anodes.</b> How many, type, condition. % consumed. Are they being replaced?				✓	
<b>Internal Piping</b> Is there any? If so, carbon or stainless steel. Describe condition, dents, corrosion, erosion, etc. Ensure supports are secure and any bolts are suitable for future use.				✓	
<b>Trays</b> How many? Type of material. Are valves in place. Check for erosion/ corrosion; wear on tray valve legs. Cleanliness?				✓	
<b>Baffles, deflector plates, etc.</b> If present, describe condition. Look closely at welds attached to vessel wall.	✓				90° NOZZLES ARE DEFLECTORS
<b>Bottom Head</b> Note all corrosion, erosion or mechanical damage. (If vessel is horizontal identify direction of this head)		✓			- MANUALLY - GENERAL 0.090" PITTING 5 THRU 7 POSITION
<b>Top Head</b> Note all corrosion, erosion or mechanical damage. (If vessel is horizontal identify direction of this head)		✓			- GENERAL 0.080" PITTING 5 THRU 7 POSITION
<b>Shell Sections</b> Record number of shell sections. Record location, size and depth of all erosion, corrosion or mechanical damage. Describe general condition. If any corrosion greater than corrosion allowance is observed in either shell or head, discuss with Chief Inspector before closing vessel.		✓			- PITTING ALL AROUND 6 POSITION AVE 0.090" MAX 0.170" - GENERAL PITTING ON UPPER 1/2 = 0.020".
<b>Lift pad</b> Is it in place? Is it clean? If any corrosion is apparent in vessel, lift pad and check top head for corrosion.				✓	
<b>Nozzles</b> check all nozzles for corrosion, cracks, coating loss, build up of scales or products, pay special attention to deadleg nozzles that are blinded.	✓		✓		- LEFT GAIN NOZZLE PLUGGED WITH SCALE
<b>Welds</b> Inspect all welds, including attachment welds. Record all service-related damages and if there is any discuss with Chief Inspector before closing.	✓				
<b>Repairs Required.</b> If yes, ensure procedure and copy of AB-40 is on file, and one sent to local ABSA Inspector				✓	
<b>Fire tube</b> check for corrosion on fire tube, flange and fire tube nozzle, burner impingement inside fire tube. MPI welds. Check burner and flame arrestor for damage/ cleanliness.				✓	
<b>NDE</b> Was any NDE done.	✓				IN HOUSE UT . SEE BELOW
<b>Observations</b>  HEAD = AVE .395" MIN .375" ] NOW - CORRODED AREA SHELL = AVE .396" MIN .376" ] * ALL PITTING APPEARS TO BE MIC.					

Inspector: ANDY SCHULTZ  
(Please Print)

Date: AUG 11, 2021

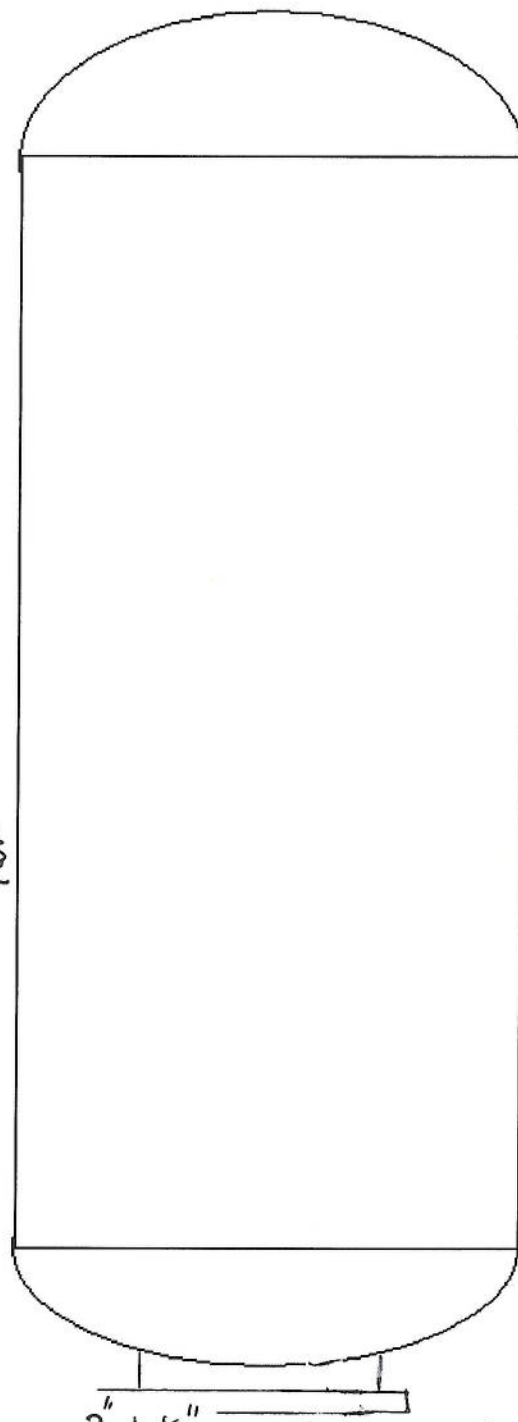
A587028  
 Aug 11, 2021



Bottom

MIC.

TOP



OD = 48"

Maximum

DIA = 3'-11 1/4"  
 SHELL = 5/16-70  
 P = 100 PSI  
 E = 1.0  
 T<sub>MIN</sub> = 0.120" OR 3.04mm



