

Texas Commission on Environmental Quality
Table 7(a)
Vertical Fixed Roof Storage Tank Summary

I. Tank Identification (Use a separate form for each tank)		
Applicant's Name:		
Location (<i>indicate on plot plan and provide coordinates</i>):		
Tank No.:	Emission Point No. (EPN) (<i>from flow diagram</i>):	
FIN:	CIN:	
Status: ☐ New Tank ☐ Altered Tank ☐ Relocation ☐ Change of Service		
Previous Permit No., Permit by Rule No., or Exemption No.:		
II. Tank Physical Characteristics		
Dimensions		
Shell Height (ft.):	Diameter (ft.):	Maximum Liquid Height (ft.):
Nominal Capacity or Working Volume (<i>gallons</i>):		Turnovers per year:
Net Throughput (<i>gallons/year</i>):	Maximum Filling Rate (<i>gallons/hour</i>):	
Paint Characteristics		
Shell Color/Shade: ☐ White/White ☐ Aluminum/Specular ☐ Aluminum/Diffuse ☐ Gray/Light ☐ Gray/Medium ☐ Red/Primer ☐ Other: _____		
Shell Condition: ☐ Good ☐ Poor		
Roof Color/Shade: ☐ White/White ☐ Aluminum/Specular ☐ Aluminum/Diffuse ☐ Gray/Light ☐ Gray/Medium ☐ Red/Primer ☐ Other: _____		
Roof Condition: ☐ Good ☐ Poor		
Rood Characteristics		
Roof Type: ☐ Dome ☐ Cone		
Roof Height (<i>not including shell height</i>) (ft.):		
Radius (<i>Dome Roof Only</i>) (ft.):	Slope (<i>Cone Roof Only</i>) (ft/ft)	
Breather Vent Settings		
Combination Vent Valve Number:		
Combination Vent Valve Pressure Setting (<i>psig</i>):		
Combination Vent Valve Vacuum Setting (<i>psig</i>):		
SPECIFY "Atmosphere" or Discharging to (<i>name of abatement device</i>):		
Pressure Vent Valve Number:		
Pressure Vent Valve Pressure Setting (<i>psig</i>):		
SPECIFY "Atmosphere" or Discharging to (<i>name of abatement device</i>):		

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Permit No.:	Tank No.:			
II. Tank Physical Characteristics				
Breather Vent Settings (<i>continued</i>)				
Vacuum Vent Valve Number:				
Vacuum Vent Valve Vacuum Setting (<i>psig</i>):				
Open Vent Valve Number:				
SPECIFY "Atmosphere" or Discharging to (<i>name of abatement device</i>):				
III. Liquid Properties of Stored Material				
Chemical Category: ☐ Organic Liquid ☐ Petroleum Distillates ☐ Crude Oils				
☐ Single (<i>Complete Section III.1.</i>) ☐ Multi-Component Liquid (<i>Complete Section III.2.</i>)				
1. Single Component Information				
Chemical Name:				
CAS Number:				
Average Liquid Surface Temperature (°F):				
True Vapor Pressure at Average Liquid Surface Temperature (<i>psia</i>):				
Liquid Molecular Weight:				
2. Multiple Component Information				
Mixture Name:				
Average Liquid Surface Temperature (°F):				
Minimum Liquid Surface Temperature (°F):				
Maximum Liquid Surface Temperature (°F):				
True Vapor Pressure at Average Liquid Surface Temperature (<i>psia</i>):				
True Vapor Pressure at Minimum Liquid Surface Temperature (<i>psia</i>):				
True Vapor Pressure at Maximum Liquid Surface Temperature (<i>psia</i>):				
Liquid Molecular Weight:				
Vapor Molecular Weight:				
Chemical Components Information				
Chemical Name	CAS No.	Percent of Total Liquid Weight (<i>typical</i>)	Percent of Total Vapor Weight (<i>typical</i>)	Molecular Weight