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 *(indicate on plot plan and provide coordinates)*:			
Tank No.:		Emission Point No. (EPN) *(from flow diagram)*:	
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 *(gallons)*:		Turnovers per year:	
Net Throughput *(gallons/year)*:		Maximum Filling Rate *(gallons/hour)*:	
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 *(not including shell height) (ft.)*:			
Radius *(Dome Roof Only) (ft.)*		Slope *(Cone Roof Only) (ft/ft)*	
Breather Vent Settings			
Combination Vent Valve Number:			
Combination Vent Valve Pressure Setting *(psig)*:			
Combination Vent Valve Vacuum Setting *(psig)*:			
SPECIFY "Atmosphere" or Discharging to *(name of abatement device)*:			
Pressure Vent Valve Number:			
Pressure Vent Valve Pressure Setting *(psig)*:			
SPECIFY "Atmosphere" or Discharging to *(name of abatement device)*:			

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Table 7(a)
Vertical Fixed Roof Storage Tank Summary

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

Chemical Name	CAS No.	Percent of Total Liquid Weight *(typical)*	Percent of Total Vapor Weight *(typical)*	Molecular Weight

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