

**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: <input type="checkbox"/> New Tank <input type="checkbox"/> Altered Tank <input type="checkbox"/> Relocation <input type="checkbox"/> 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:	<input type="checkbox"/> White/White <input type="checkbox"/> Aluminum/Specular <input type="checkbox"/> Aluminum/Diffuse	<input type="checkbox"/> Gray/Light <input type="checkbox"/> Gray/Medium <input type="checkbox"/> Red/Primer
<input type="checkbox"/> Other: _____		
Shell Condition:	<input type="checkbox"/> Good <input type="checkbox"/> Poor	
Roof Color/Shade:	<input type="checkbox"/> White/White <input type="checkbox"/> Aluminum/Specular <input type="checkbox"/> Aluminum/Diffuse	<input type="checkbox"/> Gray/Light <input type="checkbox"/> Gray/Medium <input type="checkbox"/> Red/Primer
<input type="checkbox"/> Other: _____		
Roof Condition:	<input type="checkbox"/> Good <input type="checkbox"/> Poor	
Rood Characteristics		
Roof Type:	<input type="checkbox"/> Dome <input type="checkbox"/> 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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Permit No.:	Tank No.:			
II. Tank Physical Characteristics				
Breather Vent Settings (continued)				
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: <input type="checkbox"/> Organic Liquid <input type="checkbox"/> Petroleum Distillates <input type="checkbox"/> Crude Oils				
<input type="checkbox"/> Single (<i>Complete Section III.1.</i>) <input type="checkbox"/> Multi-Component Liquid (<i>Complete Section III.2.</i>)				
1. Single Component Information				
Chemical Name:				
CAS Number:				
Average Liquid Surface Temperature (<i>°F</i>):				
True Vapor Pressure at Average Liquid Surface Temperature (<i>psia</i>):				
Liquid Molecular Weight:				
2. Multiple Component Information				
Mixture Name:				
Average Liquid Surface Temperature (<i>°F</i>):				
Minimum Liquid Surface Temperature (<i>°F</i>):				
Maximum Liquid Surface Temperature (<i>°F</i>):				
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 (typical)	Percent of Total Vapor Weight (typical)	Molecular Weight