Texas Commission on Environmental Quality
Table 7(b)
Horizontal Fixed Roof Storage Tank Summary

I. Tank Identification *(Use a separate form for each tank)*	
Applicant's Full 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 Length *(ft.)*:	Diameter *(ft.):*
Nominal Capacity or Working Volume *(gallons)*:	Turnovers per year:
Net Throughput *(gallons/year)*:	Maximum Filling Rate *(gallons/hour)*:
Is the tank underground? ☐ YES ☐ NO	
Paint Characteristics	
Shell Color/Shade: ☐ White/White ☐ Aluminum/Specular ☐ Aluminum/Diffuse ☐ Gray/Light ☐ Gray/Medium ☐ Red/Primer ☐ Other:_____	
Shell Condition: ☐ Good ☐ Poor	
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)*:	
Vacuum Vent Valve Number:	
Vacuum Vent Valve Pressure Setting *(psig)*:	

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Table 7(b)
Horizontal Fixed Roof Storage Tank Summary

II. Tank Physical Characteristics *(continued)*				
Breather Vent Settings *(continued)*				
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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