

FORM B4
Emission Unit Detail Form – Volatile Liquid Storage Tanks

Permit Number: _____

1.	Emission Unit ID Number // Operating Scenario	
2.	Date installation/construction commenced	
3.	Date installed	
4.	Special control requirements? [if yes, describe]	
5.	Rated capacity (gallons)	
6.	Tank height (ft)	
7.	Tank diameter (ft)	
8.	Tank age (years)	
9.	Submerged fill pipe?	
10.	Type of tank (specify)	
11.	Underground?	
	If underground, specify type of tube and vapor return.	
12.	Above ground vapor control information:	
	Pipe material	
	Pipe size	
	Piping drainage (continuous drain downward or condensate collection tank – if condensate collection, attach a description)	
	Isolation valve installed in piping?	
13.	Pressure vacuum relief valves:	
	Vent pressure settings (psia)	
	Months in which relief valves removed (specify)	
14.	Pressure conservation vent? [if yes, specify pressure setting – psia]	
15.	Fixed roof tanks:	
	Roof color	
	Shell color	
	Average vapor space height (ft)	
	Shell condition (specify)	

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16	Floating roof tanks:	
	Type of construction (specify)	
	Condition (specify)	
	Tank color	
	Deck type (specify)	
17.	External floating roof tanks, seal type (specify)	
18.	Internal floating roof tanks:	
	Seal type (specify)	
	Number of columns	
	Effective column diameter (ft)	
	Total deck seam length (ft)	
	Deck fitting types – access hatch	
	bolted cover, gasketed	
	unbolted cover, gasketed	
	unbolted cover, ungasketed	
	Deck fitting types - Automatic gauge float well	
	bolted cover, gasketed	
	unbolted cover, gasketed	
	unbolted cover, ungasketed	
	Deck fitting types – column well	
	Built up column – sliding cover, gasketed	
	Built up column – sliding cover, ungasketed	
	Pipe column – flexible fabric sleeve seal	
	Pipe column – sliding cover, gasketed	
	Pipe column – sliding cover, ungasketed	
	Deck fitting types – ladder well	
	sliding cover, gasketed	
	sliding cover, ungasketed	

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	Deck fitting types – sample well or pipe	
	Slotted pipe – sliding cover, gasketed	
	Slotted pipe – sliding cover, ungasketed	
	Sample well – slit fabric seal, 10% open area	
	Stub drain – 1-inch diameter	
	Deck fitting type – roof leg or hanger will	
	Adjustable	
	fixed	
	Deck fitting type – vacuum breaker	
	Weighted mechanical actuation, gasketed	
Weighted mechanical actuation, ungasketed		
19.	Maximum liquid loading rate (gal/hr)	
20.	Submerged fill at out-loading (describe)	
21.	Material(s) stored	
	Type of material	
	Normal annual throughput (gal/yr)	
	Normal turnovers per year	
	Density (lbs/gal)	
	Molecular weight	
	Average storage temperature (°F)	
	Vapor pressure (psi)	

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Applicable Requirements Specific to Emission Unit (*attach additional sheets as needed. Form B Supplement - Emission Unit-Specific Applicable Requirements*):

Permit and Condition Number	Applicable Requirement Citation ¹	Parameter/ Pollutant	Limit/Standard/ Requirement	Currently in Compliance?	Monitoring, Recordkeeping and Reporting Methods Used to Demonstrate Compliance

¹ Citations must be specific. Include sub-paragraph level detail [e.g. 18 AAC 50.055(a)(1), or 40 C.F.R. 60.332(a)(2).]

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Non-applicable Requirements Specific to Emission Unit (*attach additional sheets as needed. Form B Supplement - Emission Unit-Specific Permit Shield Request*):

Non-Applicable Requirements ¹	Reason for non-applicability and citation/basis

¹ Citations must be specific. Include sub-paragraph level detail [e.g. 18 AAC 50.055(a)(1), or 40 C.F.R. 60.332(a)(2).]