

Bulk Storage Tank



1 **EQUIPMENT ADDRESS:** _____

2 Tank Number: _____ Drawing No.: _____

3 Throughput (max gal.): _____ Tank Contents: _____

4 Density of fuel(s): _____

5 Molecular weight of vapor fuel(s): _____ Molecular weight of liquid fuel(s): _____

6 Typical % of total annual throughput: Dec-Feb _____% Mar-May _____% Jun-Aug _____% Sep-Nov _____%

7 Tank Type: Underground Aboveground Fixed Roof Internal Floating Roof

8 Floating Roof Pressure Other _____

9 **Horizontal Fixed Roof Tank**

10 Shell length (ft): _____ Shell Diameter (ft): _____

11 Working Volume (gal): _____ Turnovers per (year⁻¹): _____ Net Throughput (gal/year): _____

12 Is the tank heated? Yes Is the tank underground? Yes Shell Color/Shade: White

13 External Shell Condition: Good

14 Breather Vent Settings (psig): Vacuum _____ Pressure _____

15 **Vertical Fixed Roof Tank**

16 Shell length (ft): _____ Shell Diameter (ft): _____

17 Maximum Liquid Height (ft): _____ Average Liquid height (ft): _____

18 Working Volume (gal): _____ Turnovers per (year⁻¹): _____ Net Throughput (gal/year): _____

19 Is the tank heated? Yes Roof Color/Shade: White Roof Condition: Good Roof Type: Cone

20 Roof height: (ft): _____

21 Breather Vent Settings (psig): Vacuum _____ Pressure _____

22 **Internal Floating Roof Tanks**

23 Diameter (ft): _____ Tank Volume (gal): _____ Turnovers per (year⁻¹): _____

24 Net Throughput (gal/year): _____ Self-Supporting Roof? YES NO

25 Number of Columns: _____ Effective Column Diameter: 9" by 7" Built-Up Column

26 Internal Shell Condition: Light Rust External Shell Color/Shade: White External Shell Condition: Good

27 Roof Color/Shade: White Roof Paint Condition: Good Deck Suspension: Leg-supported Deck Type: Bolted

28 Primary Seal: Mechanical Shoe Secondary Seal: Shoe-Mounted

29 **Fixed Roof Tanks Only**

30 Maximum Fill Rate: _____ gal/hr Average Height of Vapor Space: _____ ft.

31 Emissions vent to what source(s) and/or abatement device(s)? _____

32 Do all gauging/sampling devices have gas-tight covers? Yes No

33 Paint Color: Aluminum White Light Grey Medium Grey

34 Other: _____

35 Paint Condition: Good Poor

36 **Floating Roof Tanks Only**

37 Seal Type: Single Double Other: _____

38 Maximum Withdrawal Rate: _____ gal/hr

39 Do all gauging/sampling devices enter below liquid level and have gas-tight covers? Yes No

40 Roof Type: Pan Pontoon Full contact composite Other: _____

41 Roof weight with seals _____ lbs Tank vent area _____ ft²
 42 Primary (Lower) Seal (type/mfg) _____ Drawing No. _____
 43 Secondary (Upper) Seal (type/mfg) _____ Drawing No. _____
 44 Center Column Seal (type/mtl) _____
 45 Gauge Column Seals (type/mtl) _____
 46 Sample Tube Seal (type/mtl) _____
 47 Manhole Seal (type/mtl) _____
 48 Roof opening skirts extend _____ feet into the liquid product.
 49 Baffle type: _____

50 **Tank Fittings**

51	Access Hatch (24-in. Diam.):	<u>Bolted Cover, Gasketed</u>	Number: _____
52	Automatic Gauge Float Well:	<u>Bolted Cover, Gasketed</u>	Number: _____
53	Gauge-Hatch/Sample Well (8-inch. Diam.):	<u>Weighted Mech. Actuation, Gasketed</u>	Number: _____
54	Column Well (24-in. Diam.):	<u>Built-Up Col.-Sliding Cover, Gasketed</u>	Number: _____
55	Ladder Well (36-in. Diam.):	<u>Sliding Cover, Gasketed</u>	Number: _____
56	Rim Vent (6-in. Diameter):	<u>Weighted Mechanical Actuation, Gasket</u>	Number: _____
57	Roof Drain (3-in. Diameter):	<u>Open</u>	Number: _____
58	Roof Leg (3-inch Diameter):	<u>Adjustable, Pontoon Area, Ungasketed</u>	Number: _____
59	Sample Pipe or Well (24-in. Diam.):	<u>Slotted Pipe-Sliding Cover, Gasketed</u>	Number: _____
60	Slotted Guide-Pole/Sample Well	<u>Ungasketed, Sliding Cover, w/o Float</u>	Number: _____
61	Stub Drain (1-in. Diam.)		Number: _____
62	Unslotted Guide-Pole Well	<u>Sliding Cover, Gasketed</u>	Number: _____
63	Vacuum Breaker (10-in Diam.)	<u>Weighted Mech. Actuation, Gask.</u>	

64 **Name of Preparer:** _____ **Title:** _____

65 **Phone No.:** () _____ **Date:** _____

NOTE TO APPLICANT:

Before acting on an application for Authority to Construct or Permit to Operate, the District may require further information, plans, or specifications. Forms with insufficient information may be returned to the applicant for completion, which will cause a delay in application processing and may increase processing fees. The applicant should correspond with equipment and material manufacturers to obtain the information requested on this supplemental form.