



**FORM 400-E-18
STORAGE TANK**

Mail Application To:
 SCAQMD
 P.O. Box 4944
 Diamond Bar, CA 91765

Tel: (909) 396-3385

www.aqmd.gov

This form must be accompanied by a completed Application for a Permit to Construct/Operate -Form 400A, Form CEQA, Plot Plan and Stack Form

Permit to be issued to (Business name of operator to appear on permit):			
Address where the equipment will be operated (for equipment which will be moved to various location in AQMD's jurisdiction, please list the initial location site):			
		Fixed Location	Various Locations
Tank Type (Select ONE)	External Floating Roof Tank (EFRT) Vertical Fixed Roof Tank (VFRT)	Internal Floating Roof Tank (IFRT) Domed External Roof Tank (DEFRT)	Horizontal Tank (HT)
Identification	Tank Identification Number:	Tank Contents/Product (include MSDS):	

SECTION A: TANK INFORMATION

Physical Characteristics	Tank Characteristics	Shell Diameter (ft):	Shell Length (ft):	Shell Height (ft):	Turnovers Per Year:
		Is Tank Heated? Yes No	Is Tank Underground? Yes No	Net Throughput (gal/year):	Self Support Roof Yes No
		Number of Columns?	Effective Column Diameter: 9" by 7" Built Up Column – 1.1 8" Diameter Pipe – 0.7 Unknown – 1		
		External Shell Condition: Good Poor	Internal Shell Color: Light Rust Dense Rust Gunite Lining	External Shell Color: White/White Aluminum/Specular Aluminum/Diffuse	Working Volume (gal): (VERT Only) Gray/Light Gray/Medium Red/Primer
		Average Liquid Height (ft): (VERT Only)	Maximum Liquid Height (ft): (VERT Only)		
		Paint Condition: Good Poor	Paint Color/Shade: White/White Aluminum/Diffuse	External Shell Color: Gray/Light Aluminum/Specular	Working Volume (gal): (VERT Only) Gray/Medium Red/Primer
		Roof Characteristics (Floating Roof Tank)	Roof Type: Pontoon Double Deck	Roof Fitting Category: Dome Roof (Height ft.) Typical Cone Roof (Height ft.) Detail	Roof Height:
			Roof Paint Condition	Roof Color/Shade	
			Good	White/White	Gray/Light
			Poor	Aluminum/Diffuse	Aluminum/Specular
Deck Characteristics (Floating Roof Tank)	Deck Type: Welded Bolted	Deck Fitting Characteristics: Typical Detailed (Complete Deck Seam)			
		Construction:	Deck Seam Length (ft):	Deck Seam:	
		Sheet		5 ft. wide 6 ft. wide 7 ft. wide	
		Panel		5 x 7.5 ft. 5 x 12 ft.	
Tank Construction and Rim-Seal System (Floating Roof Tank)	Tank Construction: Welded Riveted	Primary Seal: Mechanical Shoe Vapor Mounted	Secondary Seal: Liquid Mounted Rim Mounted Shoe Mounted	None	
	Breather Vent Setting	Vacuum Setting (psig):	Pressure Setting (psig):		

*Section C of the application MUST be completed.

SECTION A: TANK INFORMATION (Cont.)

Site Selection	Nearest Major City:		
	Daily Average Ambient Temperature (°F):		Annual Average Minimum Temperature (°F):
	Annual Average Maximum Temperature (°F):		Average Wind Speed (mph):
	Annual Average Solar Insulation Factor (Btu/(ft ³ * ft * day)):		
Tank Contents	Chemical Category		Liquid
	Organic Liquids	Cude Oil	Single
	Petroleum Distillates		Multiple:
			If Multiple, Select Speciation Option: Full Speciation Partial Speciation Various Weight Speciation None

SECTION B: OPERATION INFORMATION

Vapor Control	Vapor Control During Loading or Unloading: Sparger Vapor Balance System Vapor Return Line Vented to Air Pollution Control Equipment:	¹ If yes, a separate permit is required. If APC equipment is already permitted, provide Permit or Device Number:																																						
Vent Valve Data	Indicate Type of Setting and Vapor Disposal																																							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">Number</th> <th rowspan="2">Pressure Setting</th> <th rowspan="2">Vaccum Setting</th> <th colspan="3">Discharging to (Check Appropriate Box)</th> </tr> <tr> <th>Atmosphere</th> <th>Vapor Control</th> <th>Flare</th> </tr> </thead> <tbody> <tr> <td>Combination</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pressure</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Vaccum</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Open</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Number	Pressure Setting	Vaccum Setting	Discharging to (Check Appropriate Box)			Atmosphere	Vapor Control	Flare	Combination							Pressure							Vaccum							Open						
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Materials	Name all liquids, vapors, gases, or mixtures of such material to be stored in this tank: If Material is stored in a solution, supply the following information: Name of Solvent: _____ Name of Materials Dissolved: _____ Concentration of Materials Dissolved: _____ % by Weight OR _____ % by Volume OR _____ lbs/gal																																							

SECTION C: ROOF/DECK FITTING

Section C is required for the following tanks: External Floating Roof Tank, Internal Floating Roof Tank, or Domed External Floating Roof Tank.		Select the number of fitngs for each applicable question. For Example: <u> 3 </u> Unbolted Cover, Ungasketed _____ Unbolted Cover, Gasketed	
Roof/Deck Fitting Details	1. Access Hatch (24" diameter well) Bolted Cover, Gasketed Unbolted Cover, Ungasketed Unbolted Cover, Gasketed	2. Automatic Gauge Float Well (20" diameter well) Bolted Cover, Gasketed Unbolted Cover, Ungasketed Unbolted Cover, Gasketed	3. Column Well (24" diameter well) Built-Up Col – Sliding Cover, Gasketed Built-Up Col – Sliding Cover, Ungasketed Pipe Col – Flex. Fabric Sleeve Seal Pipe Col – Sliding Cover, Gasketed Pipe Col. – Sliding Cover, Ungasketed

Roof/Deck Fitting Details (Cont.)	4. Gauge Hatch/Sample Well (8" diameter well)	5. Ladder Well (36" diameter)	6. Rim Vent (6" diameter)
	Weighted Mechanical Actuation, Gasketed	Sliding Cover, Gasketed	Weighted Mechanical Actuation, Gasketed
	Weighted Mechanical Actuation, Ungasketed	Sliding Cover, Ungasketed	Weighted Mechanical Actuation, Ungasketed
	7. Roof Drain (3" diameter)	8. Roof Leg (3" diameter leg)	9. Roof Leg or Hang Well
	Open	Adjustable, Pontoon Area, Ungasketed	Adjustable
	90% Close	Adjustable, Center Area, Ungasketed	Fixed
		Adjustable, Double-Deck Roofs	10. Sample Pipe (24" diameter)
		Fixed	Slotted Pipe – Sliding Cover, Gasketed
		Adjustable, Pontoon Area, Gasketed	Slotted Pipe – Sliding Cover, Ungasketed
		Adjustable, Pontoon Area, Sock	Slit Fabric Seal, 10% Open
	Adjustable, Center Area, Gasketed		
	Adjustable, Center Area, Sock		
	11. Guided Pole/Sample Well	12. Stub Drain (1" diameter)	
	Ungasketed, Sliding Cover, Without Float	13. Unslotted Guide – Pole Well	
	Ungasketed Sliding Cover, With Float	Ungasketed, Sliding Cover	
	Gasketed Sliding Cover, Without Float	Gasketed Sliding Cover	
	Gasketed Sliding Cover, With Float	Ungasketed Sliding Cover with Sleeve	
	Gasketed Sliding Cover, With Pole Sleeve	Gasketed Sliding Cover with Sleeve	
	Gasketed Sliding Cover, With Pole Wiper	Gasketed Sliding Cover with Wiper	
	Gasketed Sliding Cover, With Float, Wiper	14. Vacuum Breaker (10" diameter well)	
	Gasketed Sliding Cover, With Float, Sleeve, Wiper	Weighted Mechanical Actuation, Gasketed	
	Gasketed Sliding Cover, With Pole Sleeve, Wiper	Weighted Mechanical Actuation, Ungasketed	

SECTION D: APPLICANT CERTIFICATION STATEMENT

I hereby certify that all information contained herein and information submitted with this application is true and correct.

SIGNATURE OF PREPARER:		TITLE OF PREPARER:	PREPARER'S TELEPHONE NUMBER:
			PREPARER'S E-MAIL ADDRESS:
CONTACT PERSON FOR INFORMATION ON THIS EQUIPMENT:		CONTACT PERSON'S TELEPHONE NUMBER:	DATE SIGNED:
E-MAIL ADDRESS:		FAX NUMBER:	

CONFIDENTIAL INFORMATION

Under the California Public Records Act, all information in your permit application will be considered a matter of public record and may be disclosed to a third party. If you wish to keep certain items as confidential, please complete the following steps:

- (a) Make a copy of any page containing confidential information blanked out. Label this page "public copy."
- (b) Label the original page "confidential." Circle all confidential items on the page.
- (c) Prepare a written justification for the confidentiality of each confidential item. Append this to the confidential copy.