

# Southwest Clean Air Agency

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## AIR DISCHARGE PERMIT APPLICATION - STAGE II GASOLINE STATIONS AND OTHER GASOLINE DISPENSING FACILITIES

TOTAL ENCLOSED FEE: \$ \_\_\_\_\_ (to be submitted with application)  
**See Consolidated Fee Schedule (Table 9)**

(For combined Stage I and Stage II applications - both applications must be submitted)  
(Stage I and Stage II requirements do not apply to diesel, natural gas or kerosene storage tanks)

APPLICANT NAME		ADDRESS		PHONE	FAX
OWNER/OPERATOR NAME		ADDRESS		PHONE	FAX
STATION NAME		ADDRESS		PHONE	FAX
STATION ID	TYPE OF INSTALLATION <input type="checkbox"/> New <input type="checkbox"/> Relocate <input type="checkbox"/> Replace <input type="checkbox"/> Expand <input type="checkbox"/> Upgrade <input type="checkbox"/> Other _____				
INSTALLED COST OF EQUIPMENT	ESTIMATED START DATE	ESTIMATED COMPLETION DATE	OPERATING SCHEDULE (circle appropriate days)		
<b>INSTALLATION CONTRACTOR:</b>					
Name _____		Address _____		_____ AM TO _____ PM	S M T W T F S Phone Fax
Total Storage Capacity _____ gallons Annual Throughput _____ gallons Stage I previously installed? <input type="checkbox"/> yes <input type="checkbox"/> no					
Spill / Overfill Protection Provided: <input type="checkbox"/> no <input type="checkbox"/> yes Manufacturer: _____ Model _____ Size _____ gallons					
Dispenser Style: <input type="checkbox"/> Balance Style <input type="checkbox"/> With High Hang, or <input type="checkbox"/> Side Mount <input type="checkbox"/> Balance System <input type="checkbox"/> Vacuum Assist					
<b>DISPENSING EQUIPMENT:</b>					
Manufacturer		Model	Quantity	Notes:	
Vapor Recovery System Name: _____				<b>Only CARB certified equipment shall be used as originally tested and certified in the CARB configuration. All swivels are optional;however, if used, they must be approved. Station must not dispense gasoline while breakaway is disconnected. Proper location of hose clamps and retractors must be maintained at all times.</b>	
Nozzles: _____					
Hoses: _____					
Splitter: _____					
Dispensers: _____					
Breakaways: _____					
Vacuum Pump: _____					
Swivels/Elbows: _____					
Retractors: _____					
Pressure/Vacuum Valve _____					

### AUTHORITY USE ONLY

SWCAA ID #: \_\_\_\_\_ NOC #: \_\_\_\_\_  
Application Fee: \_\_\_\_\_ SIC #: \_\_\_\_\_  
Review Fee: \_\_\_\_\_ Receipt #: \_\_\_\_\_

### AUTHORITY USE ONLY

Date Stamp



## INSTRUCTIONS

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1. Submit only one copy of the Stage II application; if Stage I equipment is to be replaced at the time of Stage II upgrade, include a Stage I application with the Stage II application.
2. Indicate if storage tanks are being replaced; if so include a Stage I application. Indicate if dispensers are being replaced; indicate type, manufacturer and model of spill/overflow containers; if none provided, so state. Indicate manufacturer and model of any tank monitoring equipment.
3. Include a description of the project along with one set of drawings, a list of equipment to be installed, and a scope of work.
4. Payment must be made with the application and the application must be complete before the application can be processed.
5. Include with the submittal a completed SEPA determination. If no determination has been made, then submit a completed SEPA checklist.
6. Construction may commence after the final Air Discharge Permit is issued.

### EMISSION ESTIMATES FOR FACILITIES EQUIPPED WITH STAGE I AND STAGE II CONTROLS \*

Estimated annual gasoline throughput for the facility: \_\_\_\_\_ gallons (not including diesel, natural gas or kerosene)

### FACILITIES WITH NO STAGE I OR STAGE II CONTROLS

#### EMISSION RATES FOR:

Submerged filling	=	7.3 lb / 1000 gal
Underground tank breathing and emptying	=	1.0 lb / 1000 gal
Vehicle refueling	=	11.0 lb / 1000 gal
Vehicle refueling - spillage	=	0.7 lb / 1000 gal
		=====
		20.0 lb / 1000 gal

Emissions calculations:

$$\frac{20.0 \text{ lb}}{1000 \text{ gal}} \times \frac{\text{_____ gal}}{\text{year}} \times \frac{1 \text{ ton}}{2000 \text{ lb}} = \text{_____ tons/yr}$$

Emissions from stations with Stage I controls are based on 13.0 lb/1000 gal - see Stage I application.

### FACILITIES WITH STAGE I AND STAGE II CONTROLS

#### EMISSION RATES FOR:

Balanced submerged filling	=	0.3 lb / 1000 gal
Underground tank breathing and emptying	=	1.0 lb / 1000 gal
Vehicle refueling	=	1.1 lb / 1000 gal
Vehicle refueling - spillage	=	0.7 lb / 1000 gal

I do hereby certify that the information contained in this Air Discharge Permit application is, to the best of my knowledge, accurate and complete.

(Signature) \_\_\_\_\_ (Title) \_\_\_\_\_ (Representing) \_\_\_\_\_ (Date) \_\_\_\_\_

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3.1 lb / 1000 gal

Emissions calculations:

$$\frac{3.1 \text{ lb}}{1000 \text{ gal}} \times \frac{\text{_____ gal}}{\text{year}} \times \frac{1 \text{ ton}}{2000 \text{ lb}} = \text{_____ tons/yr}$$

\* Emission factors are from EPA AP-42, Section 5.2, "Transportation and Marketing of Petroleum Liquids", 1/95