



**Winery Fermentation and
Storage/Aging Tanks
Application Form -50**

Santa Barbara County Air Pollution Control District
260 N. San Antonio Road, Suite A
Santa Barbara, CA 93110-1315
TEL: (805) 961-8800 FAX: (805) 961-8801
Email: enqr@sbcapcd.org Web Site: www.sbcapcd.org

Application must be typewritten, computer generated, or hand printed in ink. Complete all pages of the application.

IMPORTANT: To assure that your application is complete include all of the following when submitting this application:

- Application Fee \$352
 APCD Form -01
 Signature on Applications

Reference our Winery webpage for additional information and resources (<http://www.sbcapcd.org/eng/winery/winery.htm>). Separate permits are required for an individual or group of boilers/water heaters rated above 2.00 million Btu per hour and for diesel fired emergency generators or firewater pumps rated at 50 bhp or greater. See the webpage for more details.

1. FACILITY NAME: _____

Doing Business As: _____

Facility **Street** Address _____

City, State ZIP: _____

Assessor Parcel Number(s)
(APN) _____

2. PURPOSE OF APPLICATION:

- New Facility Existing Facility: *Date Facility was built:* _____
 Modification to an Existing Permitted Facility: *APCD Permit Number:* _____
 Loss of Permit Exemption: *List APCD Exemption Number:* _____

3. FACILITY TYPE:

- Individual Winery Wine Center (or equivalent type of wine services operation)
 Other. *Describe:* _____

4. WINE PRODUCTION DATA: These values will be used for estimating not to exceed limits in your APCD permit.

Red Wine Fermented ⁽¹⁾		gallons per year ⁽³⁾
White Wine Fermented ⁽²⁾		gallons per year ⁽³⁾
% of Red Wine Aged/Stored in Oak Barrels ⁽⁴⁾		% of Red Wine Fermented value
% of White Wine Aged/Stored in Oak Barrels ⁽⁴⁾		% of White Wine Fermented value

- (1) *Red Wine:* Any wine that is fermented in contact with the solid matter of must .
 (2) *White Wine:* Any wine that is separated from the solid matter of must prior to fermentation.
 (3) Gallons of wine fermented per year based on **design capacity** of the facility for **maximum red wine production**.
 (4) % wine aged/stored in oak barrels data should be based on maximum amount of red wine storage.

(District Use Only)

Date Received Stamp	APCD Application	
	Facility Number:	Permit No.
	Facility Name:	



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5. **TANK DATA:** Provide the data below for each tank in the facility by inputting the data items noted below into the corresponding field in the Winery Tank Table on the Supplemental Winery Sheet #1 that is attached and provide a plot plan of the facility, indicating location of the tanks by Tank ID Number.

Data Item	Data Description	Directions
A	Tank I.D. No.	Input the Facility's I.D. # for this tank
B	Tank Capacity, gal.	Tank working capacity in gallons
C	Tank Diameter, ft	
D	Tank Height, ft	
E	Tank Roof Design	"open" or "closed"
F	Is Tank Insulated?	"Yes" or "No"
G	Tank Construction Materials	"steel", "concrete", "plastic", etc.
H	Tank Use	"red fermentation", "white fermentation", "storage only" or combinations of these as appropriate
I	Equipped with Pressure Relief Valve (PRV) or Breather Vent ?	"Yes" or "No"
J	Other Data	Input any other relevant data

6. **OAK BARREL CAPACITY:**

Oak Barrel Storage Capacity: _____ barrels

7. **HEALTH RISK ASSESSMENT DATA:** Provide the data required for a screening health risk assessment as indicated on the attached Supplemental Winery Sheet #2.

8. **MASS EMISSIONS CALCULATIONS:** Provide daily and annual mass emission calculations for the winery using the most current version of the APCD's *Winery Spreadsheet*. This spreadsheet may be downloaded from the Emission Calculations section of the APCD's Winery Webpage at <http://www.sbcapcd.org/eng/winery/winery.htm>.

9. **EMISSION CONTROLS:** If applicable, enclose a copy of the control equipment's technical brochure/data sheet and the manufacturer's emission statement and/or emissions guarantee.

Yes No. Does this facility propose/utilize add-on air emission controls for the fermentation or aging/storage processes?

If Yes, (describe): _____



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10. APPLICANT/PREPARER STATEMENT:

The person who prepares the application also must sign this form. The preparer may be an employee of the owner/operator or an authorized agent (contractor/consultant) working on behalf of the owner/operator (an *Authorized Agent Form -01A* is required)

I certify pursuant to H&SC Section 42303.5 that all information contained herein and information submitted with this application is true and correct.

COMPLETED BY: _____

COMPANY: _____

SIGNATURE: _____

DATE: _____

11. APPLICATION CHECKLIST: Use this checklist to ensure that your application contains all the required information which will help us provide you faster processing of the application.

- Have you filled in all required fields on this form? If not, the application will likely be deemed incomplete. Complete application forms save you time and eliminate unwanted project delays.
- APCD Form -01 and filing fee. See also Section 12 of Form -01 for additional checklist items.
- Supplemental Winery Sheet #1 (Winery Tank Data Table).
- Supplemental Winery Sheet #2 (Health Risk Assessment Data). Including the area map.
- Plot plan for the facility, indicating location of all tanks by Tank ID Number.
- Emissions control manufacturer documentation, including an emissions statement and/or guarantee.

NOTE: Before submitting the application, check the APCD's webpage to ensure you are using the most current version of the forms and calculation spreadsheets. You can tell the version by the date in the footer of the form.

SUPPLEMENTAL WINERY SHEET #2

Health Risk Assessment Data

Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured as the smallest distance from any of the subject tanks to the nearest boundary of the nearest apartment, house, dormitory, etc.
	Direction to nearest Residence	_____	Direction from the tank to the receptor, i.e. Northeast or South.
	Distance to nearest Business	_____ feet	Distance is measured as the smallest distance from any of the subject tanks to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____	Direction from the tank to the receptor, i.e. North or Southwest.
Area Source	Tank Plot Dimensions	Plot Width _____ feet x Plot Length _____ feet	
Urban / Rural	[] Urban (area of dense population) [] Rural (area of sparse population)		
Facility Location	<i>Geographic Coordinates</i> (use Google Earth. Pinpoint the center of the Fermentation area) Latitude: _____ Longitude: _____		
Area Map	Provide an area map showing the location of the winery, fermentation area, storage/aging area, property boundary, direction of geographic North and properties on each side of the facility. Indicate the nature of each adjacent property (e.g., residence, business, school, etc.). You may use Google Earth to provide this map.		