

**San Joaquin Valley Unified Air Pollution Control District
Supplemental Application Form**

AGRICULTURAL PRODUCTS DEHYDRATORS

This form must be accompanied by a completed Application for Authority to Construct and Permit to Operate form.

PERMIT TO BE ISSUED TO:
LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:

PROCESS DESCRIPTION

Product Data	Product(s) dried or dehydrated:	Annual Throughput of product (tons/yr):
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EQUIPMENT DESCRIPTION

Tunnel Data	No. of tunnels:	No. of burners per tunnel:*	Total no. of burners:
	No. of fans:	Fan HP:	
Gaseous Fuel Burner*	Manufacturer:		
	Model:	Serial No.:	
	Maximum Heat Input Rating (Btu/hr):	Thermostat controlled?:	
Primary Fuel	Type:	<i>(Omit Sulfur Content for Public Utility Natural Gas)</i>	
	Higher Heating Value:	Btu/scf	Sulfur Content: gr/100 scf
Secondary Fuel	Type:		
	Higher Heating Value:	Btu/scf	Sulfur Content: gr/100 scf

Liquid Fuel Burner*	Manufacturer:		
	Model:	Serial No.:	
	Maximum Heat Input Rating (Btu/hr):		
Primary Fuel	Type:	API Gravity:	
	Higher Heating Value:	Btu/gal	Sulfur Content: % by Wt
Secondary Fuel	Type:	API Gravity:	
	Higher Heating Value:	Btu/gal	Sulfur Content: % by Wt

*Attach layout description and/or layout drawing of tunnel / burner configuration . If the rating for each burner is different, attach a separate sheet indicating the number and rating of burners for each tunnel.

EMISSION AND EXHAUST DATA

Exhaust Data	Flow: _____ acfm	Temperature: _____ °F	O ₂ , dry: _____ %
Emission Factors	<i>(If corrected to other than 15% O₂, dry basis, indicate at right)</i>		O ₂ , dry: _____ %
	Nitrogen Oxides (as NO₂)		ppmvd
	Carbon Monoxide		ppmvd
	Volatile Organic Compounds as (CH₄)		ppmvd
Source of Emission Factor	<input type="checkbox"/> Emission Tests <input type="checkbox"/> Manufacturer's Guarantee <input type="checkbox"/> Other: _____		

ADDITIONAL INFORMATION

1. Operating Schedule:

_____ Hours per day _____ Days per week _____ Weeks per year

2. Fuel Flow Meter(s):

Gaseous Fuel Liquid Fuel

3. Nearest Receptor:

Distance to nearest Residence¹ _____ feet
 Distance to nearest Business² _____ feet

¹ Examples of Residences includes apartments, houses, dormitories, etc.

² Examples of Businesses includes office buildings, guard posts, factories, etc.

4. Stack Parameters: Height _____ feet Inside diameter _____ inches

Is a rain cap (not a flapper) present on exhaust stack? Yes No

Direction of exhaust from structure or device: Vertical Horizontal

5. Exhaust Data: Flow Rate: _____ acfm Temperature: _____ °F

6. Facility Location: Urban (area of dense population) Rural (area of sparse population)

7. Describe any additional air pollution control equipment or technologies, including control efficiencies, on a separate sheet and submit it along with this form.