

# General Farming

**See Reverse Side for Instructions on Completion of this Form**

**1. Equipment Description:** This form lists the applicable requirements that may apply to an agricultural operation located in the San Luis Obispo County Air Pollution Control District. Specific pieces of equipment to which this form applies need not be listed.

2. Applicable Requirement(s)	3. Method used to determine compliance	4. Compliance status
<p>Rule 401, section A, Visible emissions shall not exceed 40% opacity or Ringlemann No. 2 for more than three (3) minutes in any hour.</p>	<p>I maintain and operate all forced ventilation process equipment, such as air conveyed feed and grain transfer systems, to minimize discharge emissions.</p>	<p><input type="checkbox"/> I am in compliance with Rule 401.A and I will continue to comply with all requirements.  <input type="checkbox"/> I am not in compliance with Rule 401.A at this time, but I will be by __/__/____ (submit plan per instructions).  <input type="checkbox"/> I have no activities subject to this requirement.</p>
<p>Rule 113, section 1, Particulate matter emissions from non-mobile equipment shall not exceed 0.3 grains per standard cubic foot of gas.</p>	<p>I maintain and operate all forced ventilation process equipment, such as air conveyed feed and grain transfer systems, to minimize discharge emissions.</p>	<p><input type="checkbox"/> I am in compliance with Rule 113.1 and I will continue to comply with all requirements.  <input type="checkbox"/> I am not in compliance with Rule 113.1 at this time, but I will be by __/__/____ (submit plan per instructions).  <input type="checkbox"/> I have no activities subject to this requirement.</p>
<p>Rule 113, section 2, Particulate matter emissions from non-mobile equipment shall not exceed that amount in pounds per hour allowed in Table 113 (see below) based on process rate.</p>	<p>I maintain and operate all forced ventilation process equipment, such as air conveyed feed and grain transfer systems, to minimize discharge emissions.</p>	<p><input type="checkbox"/> I am in compliance with Rule 113.2 and I will continue to comply with all requirements.  <input type="checkbox"/> I am not in compliance with Rule 113.2 at this time, but I will be by __/__/____ (submit plan per instructions).  <input type="checkbox"/> I have no activities subject to this requirement.</p>
<p>Rule 114, section 1.a, Sulfur compound emissions shall not exceed 0.2% by volume, calculated as sulfur dioxide.</p>	<p>I use liquid fuel with a sulfur content of less than 0.5% by weight and PUC quality natural gas with a sulfur content of 0.017% or less by weight.</p>	<p><input type="checkbox"/> I am in compliance with Rule 114.1.a and I will continue to comply with all requirements.  <input type="checkbox"/> I am not in compliance with Rule 114.1.a at this time, but I will be by __/__/____ (submit plan per instructions).  <input type="checkbox"/> I have no activities subject to this requirement.</p>

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<b>2. Applicable Requirement(s)</b>	<b>3. Method used to determine compliance</b>	<b>4. Compliance status</b>
Rule 404, section E.1, Liquid fuel shall not contain more than 0.5% sulfur by weight.	I use fuel with a sulfur content of less than 0.5% by weight.	<input type="checkbox"/> I am in compliance with the liquid fuel portion of Rule 404.E.1 and I will continue to comply with all requirements. <input type="checkbox"/> I am not in compliance with the liquid fuel portion of Rule 404.E.1 at this time, but I will be by __/__/____ (submit plan per instructions). <input type="checkbox"/> I have no activities subject to this requirement.
Rule 404, section E.1, Gaseous fuel shall not contain more than 50 grains of sulfur compounds per 100 cubic foot of gas, by weight and calculated as hydrogen sulfide.	I use PUC quality natural gas with a sulfur content of 0.017% or less by weight.	<input type="checkbox"/> I am in compliance with the gaseous fuel portion of Rule 404.E.1 and I will continue to comply with all requirements. <input type="checkbox"/> I am not in compliance with the gaseous fuel portion of Rule 404.E.1 at this time, but I will be by __/__/____ (submit plan per instructions). <input type="checkbox"/> I have no activities subject to this requirement.
Rule 407, section H.2, Metal surface coatings shall not be thinned or reduced with photochemically reactive solvents (see definition below).	I have knowledge that I use only compliant metal surface coatings.	<input type="checkbox"/> I am in compliance with Rule 407.H.2 and I will continue to comply with all requirements. <input type="checkbox"/> I am not in compliance with Rule 407.H.2 at this time, but I will be by __/__/____ (submit plan per instructions). <input type="checkbox"/> I have no activities subject to this requirement.
Rule 407, section H.3, Architectural coatings, which are purchased in containers of one (1) quart capacity or larger, shall not contain photochemically reactive solvents nor shall they be thinned or reduced with photochemically reactive solvents.	I have knowledge that I use only compliant architectural coatings.	<input type="checkbox"/> I am in compliance with Rule 407.H.3 and I will continue to comply with all requirements. <input type="checkbox"/> I am not in compliance with Rule 407.H.3 at this time, but I will be by __/__/____ (submit plan per instructions). <input type="checkbox"/> I have no activities subject to this requirement.
Rule 409, Orchard heaters shall be CARB approved.	I use only CARB approved orchard heaters.	<input type="checkbox"/> I am in compliance with Rule 409 and I will continue to comply with all requirements. <input type="checkbox"/> I am not in compliance with Rule 409 at this time, but I will be by __/__/____ (submit plan per instructions). <input type="checkbox"/> I have no activities subject to this requirement.

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<b>2. Applicable Requirement(s)</b>	<b>3. Method used to determine compliance</b>	<b>4. Compliance status</b>
Rule 502, Agricultural Burning (see requirements below)	<p>I have knowledge that:</p> <ol style="list-style-type: none"> <li>1. Agricultural burning is conducted consistent with requirements of Rule 502, and</li> <li>2. A burn permit is obtained prior to burning and I comply with permit's requirements.</li> </ol>	<input type="checkbox"/> I am in compliance with Rule 502 and will continue to comply with all requirements. <input type="checkbox"/> I am not in compliance with Rule 502 at this time, but will be by: __/__/____ (submit plan per instructions) <input type="checkbox"/> These requirements do not apply to my farming operation because no open burning is conducted.
<p>40CFR82, Stratospheric Ozone</p> <p>If you maintain your own refrigeration and air conditioning equipment, you must comply with the standards for Recycling and Emissions Reduction pursuant to 40CFR82, Subpart F. If you maintain your own motor vehicle air conditioners (MVAC), you must comply with the standards for Servicing of MVAC pursuant to all the applicable requirements in 40CFRPart 82, Subpart B.</p>	<p>I have knowledge that the requirements of Subpart B (motor vehicles) and Subpart F (appliances) are being met.</p>	<input type="checkbox"/> I am in compliance with 40CFR82 and will continue to comply with all requirements. <input type="checkbox"/> I am not in compliance with 40CFR82 at this time, but I will be by: __/__/____ (submit plan per instructions). <input type="checkbox"/> I have no activities subject to this requirement.
<p>40CFR61, Subpart M, Asbestos NESHAP</p> <p>Any owner or operator of a demolition or renovation activity, as defined in 40CFR61.141, must comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40CFR61.145 (Standard for Demolition and Renovation).</p>	<p>I have knowledge that if renovation or demolition activity is performed, applicable notification, removal, and disposal procedures are being met.</p>	<input type="checkbox"/> I am in compliance with 40CFR61, Subpart M and will continue to comply with all requirements. <input type="checkbox"/> I am not in compliance with 40CFR61, Subpart M at this time, but I will be by: __/__/____ (submit plan per instructions). <input type="checkbox"/> I have no activities subject to this requirement.

5. Declarations and certifications

- I declare that this operation is a major source, as defined by District Rule 216, or  
 enclosed is an estimate of this operation's emissions.
- I will continue to comply with the applicable federal requirement(s) that I have certified compliance with in this application.
- I certify that, based on information and belief formed after reasonable inquiry, the statement and information in this document and supplements are true, accurate, and complete.

Signature of Responsible Official \_\_\_\_\_ Date \_\_\_\_\_

## INSTRUCTIONS FOR THE GENERAL FARMING FORM

**This form must be submitted with all Title V permit applications for agricultural operations. A signed SLOCoAPCD Permit Application Form and a \$100 filing fee must also accompany it.**

**Part 1.** For the most part, the applicable requirements described on this form are general in nature. List any other stationary air contaminant emitting equipment associated with the agricultural operation on a separate sheet, except for:

- mobile equipment engines (tractors, harvesters, etc.),
- portable equipment engines,
- insignificant equipment (as identified on the Insignificant Activities form), and
- stationary equipment listed on other forms included with this submittal.

**Part 2. Applicable Requirements** - These statements paraphrase federally applicable requirements that appear in the District's State Implementation Plan.

**Part 3. Method used for determining compliance** - We have described the suggested method(s) that you could use to determine whether or not you are in compliance with the applicable requirement listed in the first column of the table.

**Part 4. Compliance Status** – Select the “In compliance” box if the operation complies with the applicable requirement. Select “Not in compliance” if the operation does not comply with the applicable requirement. If you are not in compliance with any of the applicable requirements, attach an explanation of how you will achieve compliance by your proposed compliance date. See the basic application instructions for more details.

**Part 5. Declarations and Certifications** - This section provides the applicant with the opportunity to verify all other information included in the Title V permit application. It must be signed by a Responsible Official, as that term is defined in the basic application instructions.

**Major Source Declaration** - All Title V applications must either included an agreement that the operation's potential to emit exceeds 100 tons per year of a regulated air contaminant or an estimate of the operation's emissions. It is assumed that you have estimated your emissions in some fashion before you have gotten to this point. With this declaration, you should either state your agreement that your operation is a major stationary source or provide an estimate of your emissions. For the latter, a printout of the District's emissions calculator results would be sufficient (see [www.slocleanair.org](http://www.slocleanair.org)).

**Continued Compliance** - The Title V program requires some assurance that you intend to continue to comply with all applicable requirements.

**Data Certification** - The Title V program requires that the Responsible Official certify that, to the best of their knowledge, the entire application submittal is true, accurate, and complete.

## Attachment to the General Farming Form

### a. Rule 502, Agricultural (Ag) Burning Requirements

- **A.1** An Ag burn permit is required.
- **A.3** The Ag Commissioner must authorize burning for the purposes of disease and pest prevention.
- **B.1, I, and 117.4.a** Burns may only be conducted on designated burn days.
- **B.2** Burn material shall not include: shop wastes, construction or demolition debris, oil filters, tires, tar paper, plastic, buildings, wastes resulting from conversion of farm land to non-agricultural purposes, or anything not conforming to the definitions of agricultural waste, range improvement burning, forest management burning.
- **C.1** Ag waste shall be reasonably free of dirt and soil, and shall be reasonably free of visible surface moisture.
- **C.2** Ag waste shall be arranged so as to burn with a minimum of smoke, or shall be loosely piled or windrowed to allow maximum drying prior to burning.
- **D.1** Any materials to be burned as agricultural waste must be dried prior to burning for the minimum periods listed below:
  - Six (6) weeks for trees and large branches;
  - Three (3) weeks for prunings and small branches;
  - Ten (10) days for wastes from field crops.These periods shall be the time between day of dying or cutting and the day of burning.
- **F** Ag burning may commence at any time after the ARB's burn-day announcement but not before sunrise. No additional waste added to any fire after two hours before sunset.
- **117.h** The wind direction at the burning site shall be such that the smoke will not cause a nuisance in a populated area.
- **H.1** Burn materials shall only be ignited by an APCO approved ignition devices. Tires, tarpaper, plastics, dirty oils, or similar materials shall not be used.
- **H.2** Ag burns shall be ignited as rapidly as practicable within applicable fire control restrictions.

### b. Definition:

***“Photochemically reactive solvent”*** is any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, referred to the total volume of solvent:

- (1) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones, having an olefinic or cycloolefinic type of unsaturation: 5 percent;
- (2) A combination of aromatic compounds with 8 or more carbon atoms to the molecule, except ethylbenzene: 8 percent;
- (3) A combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent. Whenever any organic solvent or any constituent of any organic solvent may be classified from its chemical structure into more than one of the above groups of organic compounds, it shall be considered as a member of the most reactive chemical group, i.e. that group having the least allowable percent of the total volume of solvents. The percentage composition of chemical compounds in photochemically reactive solvents may be determined using ASTM Method E-168-67, E-169-87, or E-260-85.

c. Process weight dependent table of particulate matter emission limits for non-mobile sources.

TABLE 113

Process Weight in pounds per hour	Maximum Emissions in pounds per hour	Process Weight in Pounds per hour	Maximum Emissions in pounds per hour	Process Weight in Pounds per hour	Maximum Emissions in pounds per hour
50	0.24	2100	4.24	5500	7.03
100	0.46	2200	4.34	6000	7.37
150	0.66	2300	4.44	6500	7.71
200	0.85	2400	4.55	7000	8.05
250	1.03	2500	4.64	7500	8.39
300	1.20	2600	4.74	8000	8.71
350	1.35	2700	4.84	8500	9.03
400	1.50	2800	4.92	9000	9.36
450	1.63	2900	5.02	9500	9.67
500	1.77	3000	5.10	10000	10.0
550	1.89	3100	5.18	11000	10.63
600	2.01	3200	5.27	12000	11.28
650	2.12	3300	5.36	13000	11.89
700	2.24	3400	5.44	14000	12.5
750	2.34	3500	5.52	15000	13.13
800	2.43	3600	5.61	16000	13.74
850	2.53	3700	5.69	17000	14.36
900	2.62	3800	5.77	18000	14.97
950	2.72	3900	5.85	19000	15.58
1000	2.80	4000	5.93	20000	16.19
1100	2.97	4100	6.01	30000	22.22
1200	3.12	4200	6.08	40000	28.3
1300	3.26	4300	6.15	50000	34.3
1400	3.40	4400	6.22	60000 or more	40.0
1500	3.54	4500	6.30		
1600	3.66	4600	6.37		
1700	3.79	4700	6.45		
1800	3.91	4800	6.52		
1900	4.03	4900	6.60		
2000	4.14	5000	6.67		