

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
SOUTHCENTRAL REGION  
AIR QUALITY CONTROL PROGRAM

PLAN APPROVAL

APPROVAL NO.	<u>06-1014</u>	Source &	<u>Leather Coating Operation</u>
Owner/Operator:	<u>Garden State Tanning, Inc.</u>	Air	<u>Five (5) Water Washes</u>
Address:	<u>16 South Franklin St.</u>	Cleaning	<u>One (1) Dry Filter</u>
	<u>Fleetwood, PA 19522</u>	Device	<u></u>
Attention:	<u>Mr. Chris R. Ehret</u>		
	<u>Corp. Environmental Dir.</u>	Location	<u>Fleetwood Plant</u>
			<u>Fleetwood</u>
			<u>Berks County</u>

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the rules and regulations of the Department of Environmental Resources, the Department on June 21, 1995 approved plans for the modification of the above indicated air contamination source(s).

~~This PLAN APPROVAL expires~~ May 31, 1996

plan approved is subject to the following conditions:

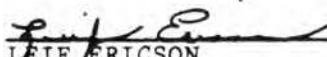
- (1) The sources to be modified in accordance with the plans submitted with the application (as approved herein).

(SEE THE ATTACHED ADDITIONAL CONDITIONS)

Notify the person noted below when the installation is completed so that the source(s) can be inspected for issuance of an OPERATING PERMIT.

NOTE:

Roger A. Fitterling  
Air Quality Control Program  
1005 Cross Roads Boulevard  
Reading, PA 19605  
(610) 916-0100

  
LEIF ERICSON  
Air Quality Program Manager

c permits  
Southcentral Regional Office  
Lancaster District Office  
Reading District Office

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Sources:

1. No. 1 Leather Coating Line:  
Spray Booth (Protective), Drying Oven and Fugitive Emissions
2. No. 2 Leather Coating Line:  
Spray Booth (Hampton), Drying Oven and Fugitive Emissions
3. No. 3 Leather Coating Line:  
Spray Booth (Hampton), Drying Oven and Fugitive Emissions
4. No. 4 Leather Coating Line:  
Spray Booth (Hampton), Drying Oven and Fugitive Emissions
5. No. 5 Leather Coating Line (R&D):  
Spray Booth (Binks), Drying Oven and Fugitive Emissions
6. Roll Coater Leather Coating Line:  
Roll Coater (Kela), No. 5 Drying Oven and Fugitive Emissions
7. R&D Leather Coating Line (Hand Spray):  
Spray Booth and Fugitive Emissions
8. Two (2) Boilers (Orr & Sember; Superior)
9. Seven (7) Storage Tanks (Above)
10. Mixing and Storage Areas
11. Hand Spray Station (Color Room)

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Conditions (continued):

- (2) This Plan Approval is issued for the modification of the Roll Coater Leather Coating Line from an R&D unit to a full production unit.
- (3) This Plan Approval is issued for the purpose of defining the Department's VOC Reasonably Available Control Technology (RACT) determination for the source of the company's Fleetwood Plant.
- (4) This Plan Approval establishes the VOC RACT for the Leather Coating Lines utilizing spray application as:
  - a) Air-assisted airless spray guns.
  - b) Photoelectric eyes to minimize overspray on automatic booths.
  - c) All coatings shall have a VOC content limit of:
    - 1) Top coats and base coats - 3.5 #VOC/gal - H<sub>2</sub>O or less
    - 2) Color coats and others - 2.8 #VOC/gal - H<sub>2</sub>O or less

(All values shall be adjusted to a standard solvent density of 7.36 #/gal and to a solids basis as per 25 Pa. Code Section 129.53 (b)(1).
- (5) Leather Coating Lines #3 and #4 are further restricted to a BAT limit of 3.1 #VOC/gal - H<sub>2</sub>O (after adjustment) for all Top and Base Coats.
- (6) Leather Coating Lines #1, #2, #3 and #4 are further restricted to the following limits on VOC emissions:
  - a) Coating Line #1: 69 #/hr, 1240 #/day or 35.5 T/yr (12 month running total)
  - b) Coating Line #2: 69 #/hr, 1240 #/day or 46.6 T/yr (12 month running total)
  - c) Coating Line #3: 69 #/hr, 1240 #/day or 70.2 T/yr (12 month running total)
  - d) Coating Line #4: 69 #/hr, 1240 #/day or 55.0 T/yr (12 month running total)
- (7) Leather Coating Line #5 is further restricted to an annual VOC emission limit of 2.0 T/yr. (12 month running total).
- (8) R&D Leather Coating Line (hand spray) is further restricted to an annual VOC emission limit of 2.7 T/yr. (12 month running total).
- (9) The Hand Spray Color Room Station is further restricted to an annual VOC emission limit of 2.7 T/yr. (12 month running total).
- (10) This Plan Approval establishes the VOC RACT for the Roll Coater Leather Coating Line as all coatings shall have a VOC limit of 2.0 #VOC/gal - H<sub>2</sub>O or less (all values shall be adjusted to a standard solvent density of 7.36 #/gal and to a solids basis as per 25 Pa. Code, Section 129.53(b)(1).

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Conditions (continued):

- (11) The Roll Coater is further restricted to the VOC emission limits of 8 #/hr, 60 #/day and 20 T/yr. (12 month running total).
- (12) This Plan Approval establishes the VOC RACT for the seven (7) storage tanks as an annual total VOC emission of 2.7 T/yr (12 month running total) and conformance with 25 Pa. Code Section 129.57.
- (13) This Plan Approval establishes the VOC RACT for the Mixing and Storage Areas as only water based coatings as limited by the coating line limitations.
- (14) This Plan Approval establishes the VOC RACT for the two (2) boilers as an annual VOC emission of 2.7 T/yr (12 month running total) per boiler.
- (15) Annual reports containing, but not limited to, the following data for each coating shall be submitted to the Lancaster District Supervisor:
  - a) coating identification
  - b) coating use (e.g., extreme performance coating)
  - c) pounds of VOC per gallon coating (minus water)
  - d) coating density
  - e) solvent density
  - f) % solvents (volume) - (minus EPA exempted solvents)
  - g) % solids (volume)
  - h) % water (volume)
  - i) gallons per year of coating (plus water)
  - j) gallons per year of coating used (minus water)
  - k) pounds per year of VOC emissions

Each report (January 1 through December 31) is due no later than March 1 of the following year for each operating year authorized by the Operating Permit or its renewal.

- (16) Any new coating or any compositional change in an existing coating shall be reported to the Lancaster District Supervisor within thirty (30) days of its use. Information to be reported shall include a) through h) of the above Condition 15.
- (17) Manufacturer supplied VOC Data Sheets and/or Material Safety Sheets for all coatings applied at this facility within the most recent two (2) years shall be maintained at the above location and be made available to the Department at any time.
- (18) The company shall submit quarterly reports to the Lancaster District Supervisor including the following:
  - a) monthly VOC emissions for each coating line
  - b) twelve (12) month running total of each coating line
  - c) twelve (12) month running total of all sources



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Conditions (continued):

- (19) The company shall record the quantity and identity of all VOC solvents used for cleanup purposes on all sources on a daily basis. These records shall be maintained and shall be made part of the company's annual "AIMS" report to the Department.
- ~~(20) The operation of the source(s) shall not result in visible or malodorous emissions.~~
- ~~(21) The sulfur content of the No. 2 fired in this boiler shall not, at any time, exceed 0.5% (by weight).~~
- (22) The Superior Boiler subject to Dc of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 CFR §60.4 requires submission of copies of all requests, reports, application, submittals, and other communications to both EPA and the Department. The EPA copies shall be forwarded to:
- Director  
Air, Toxics and Radiation Division  
US EPA, Region III  
841 Chestnut Building  
Philadelphia, PA 19107
- (23) Equipment (a differential manometer or equivalent, as approved by the Department), shall be provided and maintained so that at any time the pressure drop across the particulate control devices can be measured.
- ~~(24) A water flow rate to the water washes shall be maintained at least at the following rates:~~
- ~~a) Line #1: 1000 gpm~~
  - ~~b) Line #2: 500 gpm~~
  - ~~c) Line #3: 1000 gpm~~
  - ~~d) Line #4: 1000 gpm~~
  - ~~e) Line #5: 500 gpm~~
- ~~(25) Equipment (a rotameter or equivalent, as approved by the Department) shall be provided so that at the request of the Department the water flow rate to the water curtains can be measured.~~
- (26) Records required under this Plan Approval shall be kept for a period of five (5) years and shall be made available to the Department upon its request.

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Conditions (continued):

(27) This Plan Approval authorizes temporary operation of the source(s) covered by this Plan Approval provided the following conditions are met:

- (a) The Department must receive written notice from the Owner/Operator of the completion of construction and the Operator's intent to commence operation at least five (5) working days prior to the completion of construction. The notice shall state when construction will be completed and when the Operator expects to commence operation.
- (b) Operation is authorized only to facilitate the start up and shake-down of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source(s) for compliance with all applicable regulations and requirements.
- (c) This condition authorizes temporary operation of the source(s) for a period of one hundred eighty (180) days from the date of commencement of operation, provided the Department receives notice from the Owner/Operator pursuant to Subpart (a), above.
- ~~(d) The Owner/Operator may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least fifteen (15) days prior to the end of this period of temporary operation and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established.~~
- ~~(e) The notice submitted by the Owner/Operator pursuant to Subpart (a), above, prior to the expiration of this Plan Approval, shall modify the Plan Approval expiration date. The new Plan Approval expiration date shall be one hundred eighty (180) days from the date of the written notice.~~