



# Department of Environmental Protection

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Committed to ARMS  
ASA

Lawton Chiles  
Governor

Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Virginia B. Wetherell  
Secretary

0050001-002-A0

**PERMITTEE:**

Arizona Chemical Company

I.D. Number: 0050001017  
Permit/Certification Number: AO03-268035  
Date of Issue: September 18, 1995  
Expiration Date: July 31, 2000  
County: Bay  
Latitude/Longitude: 30°08'40"N/85°37'05"W  
Project: Operation of Rosin Treater  
System

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Operation of a rosin treater system identified as the G-380 Rosin Treater. Volatile organic compound (VOC) emissions are controlled by a by-product condenser using tall oil fatty acid (TOFA) in direct contact with emissions. HAP emissions are controlled by an additional scrubber using a bleach solution operated when hypo-phosphorous acid is used in the rosin treating process.

Operation of this source shall be consistent with the operation permit application dated March 17, 1995, additional information provided May 30, 1995, and construction permit AC03-232460.

Located at One Everitt Avenue, Panama City

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SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit (FAC Rule 62-4.160).

Operation

2. The maximum allowable operating rate is 80,000 pound per batch raw materials (Tall oil rosin, Polyol, catalysts, additive and TOFA). This is the operating rate at which compliance with standards shall be demonstrated. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90 to 100% of rated capacity. If it is impracticable to test at capacity, then sources may be tested at less than capacity; if the source is tested at less than capacity subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacity is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit with prior notification to the Department. (FAC Rule 62-4.070)

3. The maximum hours of operation are unlimited. (Construction permit application dated June 4, 1993)

4. The Permittee shall maintain a by-product condenser flow rate greater than 20 pounds/minute of TOFA during steam sparging. Records of the flow rate shall be kept and be available for Department inspection. The TOFA flow rate shall be a surrogate compliance parameter for VOC emissions. (Construction permit AC03-232460, FAC Rule 62-4.070)

5. The Permittee shall maintain a scrubber bleach flow rate greater than an equivalent of 0.375 pounds per minute of 100% sodium hypochlorite (NaOCl) commencing with the addition of hypo-phosphorous acid to the batch, and continuing for three hours after acid addition is ended. Records of scrubber bleach concentration, flow rate, and hours of operation shall be kept and be available for Department inspection.

Emissions

6. The maximum allowable emission limit for each pollutant is as follows:

<u>Pollutant</u>	<u>FAC Rule</u>	<u>Allowable Emissions</u>
VOC	62-296.320	9.29 lbs/hr (Avg./batch); 39 TPY

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7. The Permittee shall maintain a record available for Department inspection identifying raw materials, emission factors, and emissions of VOCs and HAPs by batch and cumulative totals. (FAC Rule 62-4.070)

8. This source shall be operated in such a fashion so as to preclude objectionable odors. Objectionable odor is any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance pursuant to FAC Rule 62-296.200(123).

If the Department determines objectionable odors are being emitted from this facility, the Permittee shall submit within 45 days of receipt of written notification from the Department an odor remediation plan. The plan shall include, but is not limited to, the following:

1. Dispersion modeling analysis to show compliance with ambient acceptable odor threshold value(s).

2. Strategies to reduce odorous chemical utilization or emissions.

3. Modification of manufacturing production cycles.

4. Modifications of manufacturing methods.

5. Modifications of plant exhaust systems.

(FAC Rule 62-296.320(2))

#### Testing

9. The Permittee shall provide information verifying the applicability of the emission factors with the application for an operation permit as required by specific condition 12.

#### Administrative

10. An annual operation report (DEP Form 62-210.900(5)) shall be submitted by March 1st of each year. A copy of the form and instructions for completing the form may be obtained from the Department of Environmental Protection, Northwest District, Air Resources Management Office, (904) 444-8364. (FAC Rule 62-210.370)

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11. In accordance with F.A.C. Rule 62-213, a Major Air Pollution Source Annual Operation Fee Form [DEP Form 62-213.900(11) attached] must be completed and submitted with appropriate fee between January 15 and March 1 of each year. If the Department has not received the fee payment by March 1, the Department shall impose, in addition to the fee, a penalty of 50 percent of the amount of the fee, plus interest on such amount computed in accordance with s.220.807, Florida Statutes. The Department may revoke any major air pollution source operation permit if it finds that the permit holder has failed to pay timely and required annual operation license fee, penalty or interest. The attached form shall be reproduced by the Permittee and used for future annual submittals. The completed form and appropriate fees must be submitted to the Department of Environmental Protection, Title V (Facility I.D. Number), 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

12. An application to renew this permit shall be submitted as required for a Title V permit (FAC Rule 62-210).

13. The permanent identification number for this emission unit is 0050001017. Please cite this number on all test reports and other correspondence specific to this permitted emission unit. (FAC Rule 62-297.570)

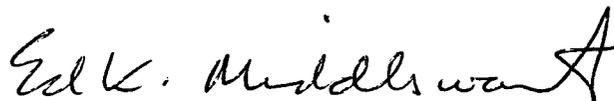
14. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, use telephone number (904) 872-4375 during normal working hours. (FAC Rule 62-210.700)

Expiration Date:

Issued this 18<sup>th</sup> day of Sept, 1995.

July 31, 2000

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



ED K. MIDDLESWART, P.E.  
Air Program Administrator