



Department of Environmental Protection

FILE COPY

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

RECEIVED
JUL 30 1996
Virginia B. Wetherell
Secretary

PERMITTEE:

Auto Shred Industries

AIRS I.D. Number: 0330121
Old I.D. Number: 10PEN17012101, 02, 03
Air Permit Number: 0330121001AO
Old Air Permit Number: AO17-242194
Emission Units: 001
Date of Issue: February 11, 1994
Date of Amendment: JULY 24, 1996
Expiration Date: February 1, 1999
County: Escambia
Project: Auto Shredder Mill

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 an Auto Shredder Mill powered by two new electric motors which replaced old diesel engines. The mill is designed to shred scrap autos and other similar metal scrap at the rate of 44.1 tons per hour. Shredded scrap discharged from the mill is initially separated with a light fraction pneumatically conveyed to No. 1 cyclone. The heavy fraction is conveyed to a zigzag where the heavy metal pieces fall by gravity to a conveyor belt while the lighter non-metal pieces are pneumatically conveyed to No. 2 cyclone. Particulate emissions from both cyclone conveying air streams are controlled by a wet scrubber manufactured by Newell, Serial No. 75. Solids discharged from the bottom of the two cyclones are routed to the new trommel and eddy current systems. Spray systems and metal covers installed over the conveyors protect the contents, especially the lighter "fluff", from wind action. The trommel system is essentially a rotary drum screen. The eddy current system uses induced magnetic fields to separate non-ferrous metals, such as stainless steel, zinc, aluminum and copper from the fluff, plastic and dirt. Process waste is transported off the site for disposal at a Class I or II permitted landfill.

Located: 1000 South Myrick Street in Pensacola

0330121001AO

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"Protect, Conserve and Manage Florida's Environment and Natural Resources"

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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 auto shredder mill may operate 4,200 hrs/yr. [FAC Rule 62-4.070 and construction permit application]
3. The maximum allowable operating rate is 44.1 tons of scrap shredded per hour. This is the operating rate at which compliance with standards shall be demonstrated. [FAC Rule 62-4.070 and construction permit application]
4. The approved Air Pollution Prevention Plan shall be implemented. All records of inspections, site compliance evaluation records and preventive maintenance records shall be retained on site for a period of at least two years and made available for Department inspection. [FAC Rule 62-4.070 and construction permit application]
5. Solid waste (fluff from cyclones, trommel, eddy current separator and dredge from scrubber settling/holding pond) are to be disposed of at a Class I or II permitted landfill. [Permit AO17-242194]

Emissions

6. Visible emissions shall not exceed 10% opacity under normal operating conditions. Permittee accepts this more stringent limit with a waiver of annual particulate testing requirements. [Permit AO17-242194]
7. All fugitive dust generated at this site shall be adequately controlled. Water mist sprayer systems will be used on conveyor systems and shear to help control fugitive dust. Roads and parking areas will be monitored and cleaned, and cranes will minimize materials' drop height to help control fugitive dust. [FAC 62-296.320(4)(c), Permit AO17-242194]
8. Objectionable odors are not allowed off plant property. [FAC Rule 62-296.320(2)]

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SPECIFIC CONDITIONS:

Testing

9. Annual visible emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Tests shall be conducted in accordance with DEP method 9 for 30 minutes prior to the end of October of each year. Results shall be submitted to the Department within 45 days after testing. The Department shall be notified at least 15 days prior to testing to allow witnessing.

Test reports shall comply with F.A.C. Rule 62-297.570, Test Reports. The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.340(2). Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case 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 capacities 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]

Administrative

10. Sixty days prior to the expiration date of this operation permit, the Permittee shall submit a permit renewal application using the current version of the renewal form along with the processing fee established in FAC Rule 62-4.050(4) to the Northwest District office of the Department. [FAC Rule 62-4.090]

11. The emission unit covered by this permit is 0330121001, the solid waste system scrubber in combination with cyclones #1 and #2. Please cite this number on all test reports and other correspondence specific to this permitted emission unit. [FAC Rule 62-297.570]

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SPECIFIC CONDITIONS:

12. 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, telephone (904) 444-8364 during normal working hours. [FAC Rule 62-210.700]

Expiration Date:

February 1, 1999

Amended this 24th day of July,
1996.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



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

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:
 - a. Having access to and copying any records that must be kept under the conditions of this permit;
 - b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,

GENERAL CONDITIONS:

c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. A description of and cause of noncompliance; and
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

GENERAL CONDITIONS:

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.