

FILE COPY

Wise Recycling, LLC
Pensacola
Facility ID No.: 0330066
Escambia County

Air Operation Permit
Permit No.: 0330066-003-AO

Permitting and Compliance Authority
Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, FL 32502-5794
Telephone: 850/595-8364
Fax: 850/595-8096

[electronic file name: 0330066-003-ao.doc]

Air Operation Permit
Permit No.: 0330066-003-AO

Table of Contents

<u>Section</u>	<u>Page Number</u>
Placard Page	1
I. Facility Information	2
A. Facility Description.	
B. Summary of Emissions Unit ID No(s). and Brief Description(s).	
C. Relevant Documents.	
II. Facility-wide Conditions	3
III. Emissions Unit(s) and Conditions	
A. 001 Aluminum Recycling Plant	4
Appendices:	
Appendix G-1, General Conditions	
Appendix EP-1, Daily Equipment Inspection Plan	



Department of Environmental Protection

Jeb Bush
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32502-5794

Colleen M. Castille
Secretary

Permittee:
Wise Recycling, LLC

Permit No.: 0330066-003-AO
Facility ID No.: 0330066
SIC No.: 5093
Project: Air Operation Permit

This permit is for the operation of the Aluminum Recycling Plant located at 605 West Hope Drive in Pensacola, Escambia County; UTM Coordinates: Zone 16, 474.20 km East and 3374.80 km North; Latitude: 30° 30' 45" North and Longitude: 87° 15' 47" West.

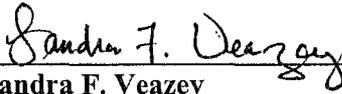
STATEMENT OF BASIS: This air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4, and 62-210. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix G-1, General Conditions
Appendix EP-1, Daily Equipment Inspection Plan

Effective Date: October 21, 2004
Renewal Application Due Date: September 22, 2009
Expiration Date: October 21, 2009

**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**



Sandra F. Veazey
Air Program Administrator

SFV:amj

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of an aluminum recycling plant. Aluminum beverage containers are processed through a collection hopper to a belt conveyer with a magnetic head pulley to separate steel cans. The remaining cans are weighed in a scale hopper, then fed by conveyer to a hammer mill and shredded to approximately one-inch squares, and then pneumatically conveyed to a truck trailer loading station. The transportation air is collected from the truck trailer and cleaned by a TORIT Model 30-15 High Efficiency Cyclone Dust Collector with approximately 95% efficiency. The loading dock's trailer backstops are fitted with dock seals to prevent fugitive emissions.

Based on the permit application received September 7, 2004, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U. ID

<u>No.</u>	<u>Brief Description</u>
001	Aluminum Recycling Plant

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

This document is on file with permitting authority:
Permit Application received September 7, 2004

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX G-1, GENERAL CONDITIONS, is a part of this permit.
2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants that cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
4. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:
 - Exercise good housekeeping practices at all times.
 - Make applicable plant personnel aware of the environmental requirements in the permit.
 - Maintain roads and parking areas and under the control of the owner/operator. Sweep or water when necessary.
 - Attend to spills and upset conditions promptly.[Rule 62-296.320(4)(c)2., F.A.C.]
5. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, F.A.C.]
6. Sixty days prior to the expiration date of this operation permit, the Permittee shall submit two permit renewal applications using the current version of the renewal form along with the processing fee established in Rule 62-4.050(4), F.A.C., to the Northwest District office of the Department.
[Rule 62-4.090, F.A.C.]
7. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Northwest District office:

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32502-5794
Telephone: 850/595-8364; Fax: 850/595-8096

Notification of compliance testing may be submitted by electronic mail to NWDAIR@dep.state.fl.us.

8. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is 850/595-8364, extension 1220, day or night, and for emergencies involving a significant threat to human health or the environment is 800/320-0519. For routine business, telephone 850/595-8364, then press 7, during normal working hours.

[Rules 62-210.700 and 62-4.130, F.A.C.]

Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit(s).

E.U. ID

<u>No.</u>	<u>Brief Description</u>
001	Aluminum Recycling Plant

This emissions unit consists of an aluminum recycling plant. Aluminum beverage containers are processed through a collection hopper to a belt conveyer with a magnetic head pulley to separate steel cans. The remaining cans are weighed in a scale hopper, then fed by conveyer to a hammer mill and shredded to approximately one-inch squares, and then pneumatically conveyed to a truck trailer loading station. The transportation air is cleaned by a TORIT Model 30-15 High Efficiency Cyclone Dust Collector, with approximately 95% efficiency. There are no unit specific applicable requirements for this activity. However, emissions are subject to the General Visible Emissions Standard of Rule 62-296.320(4)(b)1., F.A.C.

The following specific conditions apply to the emissions unit(s) listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Capacity. The maximum allowable operating rate is 8,000 pounds of aluminum cans processed per hour, based on a daily average (See Specific Condition A.6.).
{Permit Note: This weight excludes non-aluminum contaminants.}
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.2. Hours of Operation. The maximum hours of operation for this emissions unit shall not exceed 4,992 hours/year (calendar).
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

A.3. Visible Emissions. Visible emissions shall be less than 20% opacity.
[Rule 62-296.320(4)(b)1., F.A.C.]

{Permit Note: Although visible emissions less than 20% opacity comply with the general pollutant emission limiting standard (facility-wide condition 3) of 20% opacity, visible emissions of 5 to 15% opacity may suggest the presence of unacceptable operational problems.}

Test Methods and Procedures

A.4.a. 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. The visible emissions tests shall be conducted in accordance with DEP Method 9 for 30 minutes. Such test shall be scheduled between **June 1, 2009 and July 31, 2009**. The Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.
[Rules 62-4.070, 62-297.310(7), and 62-297.401(9), F.A.C.]

A.4.b. The test reports shall comply with applicable portions of F.A.C. Rule 62-297.310, Test Reports. The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.310(7). Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

[Rules 62-297.310(7) and 62-297.620(1), F.A.C.]

A.4.c. Testing of emissions shall be conducted with the source operating at capacity (Specific Condition A.1). 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, 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.

[Rules 62-297.310(2) and 62-4.070, F.A.C.]

Monitoring and Recordkeeping

A.5. Daily Environmental Equipment Inspection Plan. This plan outlines inspection and recordkeeping procedures that provide assurance the facility will operate in continuous compliance. The permittee shall follow all procedures outlined in the most recently approved Plan (Appendix EP-1).

[Rule 62-210.300(2)(a)2, F.A.C.]

{Permit Note: This document (Appendix EP-1) should be kept up-to-date with the facility's current activities and will not require any permit action; however, such modifications shall be submitted to the Department for approval. This does not alleviate the facility from the air construction permitting requirements for facility modifications per Rule 62-210.300(1)(a), F.A.C.}

A.6. The Permittee shall maintain an operation log available for Department inspection certifying the total hours of operation annually, and a production log to include aluminum cans processed in pounds per hour, based on a daily average (See Specific Condition A.1.).

[Rules 62-4.070, F.A.C.]

Permit No.: 0330066-003-AO

Appendix G-1

GENERAL CONDITIONS:

Page 1 of 2

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 that 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,
 - 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

Permit No.: 0330066-003-AO

Appendix G-1

GENERAL CONDITIONS:

Page 2 of 2

recurrence of the noncompliance. The permittee shall be responsible for any and all damages that 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 Department approves the transfer.

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.

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 that 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.

WISE RECYCLING, LLC – PENSACOLA
DAILY ENVIRONMENTAL EQUIPMENT INSPECTION
OCTOBER 12, 2004

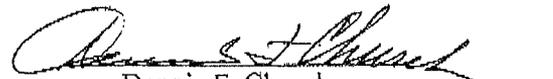
During days of shredding operations, one of the plant operatives will inspect the shred transfer environmental equipment twice per day and log this activity in the environmental inspection book. The first inspection will take place in the first half of the production day and the second inspection will take place in the second half of the production day. If any problems are discovered during these inspections, the process will be shut down and required repairs made. Problems and repairs will be noted in the environmental inspection notebook.

Equipment will be inspected with the process running. Inspect the following items:

1. Check the shred pipe delivery system. Look for any holes in which shreds or dust escape. If shreds or dust are escaping, make repairs.
2. Check the trailer loading backstop. Look for leaking door seals, holes in backstop, or floating pressure relief device. If leaks are discovered, make repairs.
3. Inspect the dust collection equipment. Look for leaking dust pipe, any holes in the collector, and view the exhaust stack. If dust is escaping, make repairs.

If any problems are noted during the above inspections, shut down and repair.

In addition to the above activity, check the dust barrels at the end of every shift. Empty the barrels when they are one third full.


Dennis F. Church
Area Business Manager