



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Electronically Sent- Received Receipt Requested

FINAL PERMIT

PERMITTEE

Trademark Metals Recycling, LLC
5220 Dover Street
Tampa, Florida 33619

Authorized Representative:
Ms. Brenda Anderson, Environmental Manager

Air Permit No. 0090010-009-AC
Permit Expires: 11/30/2013
Site Name: Rockledge Facility
Minor Source Air Construction Permit
Project Name: Ferrous Conveying and
Cleaning System

This is the final air construction permit, which authorizes construction of a Ferrous Conveying and Cleaning System. The work will be conducted at the Rockledge Facility (Standard Industrial Classification No. 5093). The facility is located in Brevard County at 5150 Nova Road, Rockledge, Florida. The UTM coordinates are Zone 17, 529.80 km East, and 3127.40 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Facility-wide and Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by

the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Orange County, Florida



Caroline D. Shine
District Air Program Administrator
Central District

December 30, 2011
Effective Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination, Final Permit and the Appendices) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on December 30, 2011 to the persons listed below.

Ms. Brenda Anderson, Trademark Metals Recycling, LLC (**boa@djj.com**)
Mr. Steve Moore, Trademark Metals Recycling, LLC (**ssm@tmrecycling.com**)
Ms. Veronica N. Sgro, P.E., Koogler & Associates, Inc. (**vsgro@kooglerassociates.com**)

Clerk Stamp

FILED, on this date, pursuant to Section 120.52,
Florida Statutes, with the designated Department
Clerk, receipt of which is hereby acknowledged.

(Clerk)

December 30, 2011
(Date)

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY AND PROJECT DESCRIPTION

Rockledge Facility

The facility consists of a metal shredder manufactured by Texas Shredder, Model Heavy Duty 98" x 104" powered by a 4,000-hp Alstrom electric motor, Model UCW800/250. There are pressurized water sprays in the hammer-mill shredder.

The existing facility consists of the following emissions unit.

Facility ID No. 0090010	
ID No.	Emission Unit Description
001	Auto/Metal Shredder

Project Description and Affected Emission Unit

This project is for the construction of a Ferrous Conveying and Cleaning System. This equipment will transport the shredded material away from the existing shredder and process, clean, and separate it into various parts. The project also includes conveyors and magnets, and replaces the existing Z-box. Magnets will be used for the separation downstream of the existing shredder, instead of air separation. The Z-box, cyclone and remaining components of the historical scrubber will be removed from the process. There will not be any exhaust airflows after these changes are complete.

This project will modify the following emissions units.

Facility ID No. 0090010	
ID No.	Emission Unit Description
001	Auto/Metal Shredder The Ferrous Conveying and Cleaning System will transport the shredded material away from the existing shredder and process, clean, and separate it into various parts. The project also includes conveyors and magnets that will be used for the separation downstream of the existing shredder, instead of air separation. There will not be any exhaust airflows after these changes are complete.

NOTE: Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a non-Title V source for particulate matter less than 10 microns (PM₁₀).

SECTION 1. GENERAL INFORMATION (FINAL)

PERMIT HISTORY/AFFECTED PERMITS

The applicant holds an air operation permit, No. 0090010-008-AO

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District Air Resource Management Section. The Central District's mailing address and phone number is:

Florida Department of Environmental Protection
Central District Office
Air Resource Management Section
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767 Telephone: 407-897-4100

All documents related to applications for permits shall be submitted to the above address.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Air Resource Management Section (see above mailing address and phone number) or Local Air Program Name. The mailing address and phone number of the Local Air Program is: Address and Phone Number.
3. Appendices: The following Appendices are attached as part of this permit:
 - a. Appendix A. Citation Formats and Glossary of Common Terms;
 - b. Appendix B. General Conditions; and
 - c. Appendix C. Common Conditions
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
[Rule 62-4.080, F.A.C.]
6. Modifications: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]
7. Annual Operating Report: On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority.
[Rule 62-210.370(3), F.A.C.]

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

8. Operation Permit Revision Application: A completed application for revision of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of the operation permit. To properly apply for an operation permit, the applicant shall submit the following:
- the appropriate permit application form (*see current version of Rule 62-210.900, F.A.C. (Forms and Instructions)*, and/or FDEP Division of Air Resource Management website at: <http://www.dep.state.fl.us/air/>);
 - the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.; and
 - copies of the most recent two months of records/logs specified in Specific Condition No. **A.6.**

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001- Auto/Metal Shredder

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	Auto/Metal Shredder The Ferrous Conveying and Cleaning System will transport the shredded material away from the existing shredder and process, clean, and separate it into various parts. The project also includes conveyors and magnets that will be used for the separation downstream of the existing shredder, instead of air separation. There will not be any exhaust airflows after these changes are complete.

PERFORMANCE RESTRICTIONS

- A.1. Permitted Capacity:** The maximum permitted process weight rate is 374,400 tons per consecutive 12-month period.
[Rule 62-210.200(PTE), F.A.C.]
- A.2. Restricted Operation:** The hours of operation are limited to 2,496 hours per consecutive 12 month period.
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

- A.3. Unconfined Emissions of Particulate Matter:** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions include the following:
- Paving and maintenance of roads, parking areas and yards.
 - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
 - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
 - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
 - Landscaping or planting of vegetation.
 - Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- [Rule 62-296.320(4)(c), F.A.C.]
- A.4. Objectionable Odor Prohibited:** No person shall cause, suffer, or allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is defined as 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.

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001- Auto/Metal Shredder

[Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

- A.5.** Visible Emissions Limitation: Visible emissions from each particulate emissions source are limited to less than 20 percent opacity.
[Rule 62-296.320(4)(b)1., F.A.C.]

RECORDS AND REPORTS

- A.6.** Monthly Log: The permittee shall keep a monthly log to document compliance with the limitations of Specific Conditions Nos. **A.1.** and **A.2.** The log shall be completed by the end of the following month and retained on file at the facility for at least three years. At a minimum, the monthly log shall:
- Quantify the consecutive 12-month period total of hours of operation.
 - Quantify the consecutive 12-month period total of process weight rate of shredded material.

The monthly logs shall be completed by the end of the following month.

Note: A consecutive 12 month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12 month totals using whatever number of months of data are available until such a time as a consecutive 12 month total can be maintained each month.
[Rule 62-4.070(3), F.A.C.]