

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION
FOR

Mutual Scrap Processing, Inc.

Hillsborough County

Construction Permit

Application Number

0571273-004-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

August 23, 2013

I. Project Description

a. Applicant:

Jon Hale, Owner
Mutual Scrap Processing, Inc.
4902 South 50th Street
Tampa, FL 33619

b. Engineer:

Kenneth E. Given, P.E.
Registration No.: 23023
Air Testing & Consulting, Inc.
333 N. Falkenburg Road, Unit B-214
Tampa, FL 33619

c. Project and Location:

This project is to authorize the “after-the-fact” air construction of an existing facility that handles and recycles aluminum scrap. The operation at the facility involves aluminum scrap truck unloading, piling, shredding, dirt screening and truck loading for transport off-site.

The project has been assigned Source Classification Code Nos. 3-04-007-68 (Secondary Metal Production/Scrap Handling) and 2-02-001-02 (Firing of Diesel Fuel). The Standard Industrial Code for the project is No. 5093 (Miscellaneous Durable Goods, Scrap and Waste Materials). The project is located at 4902 South 50th Street, Tampa, Hillsborough County, Florida. UTM Coordinates of the location are 17-362.20 E 3086.50 N.

d. Process and Controls:

Mutual Scrap Processing, Inc. operates an aluminum scrap recycling facility. There are three (3) types of scrap aluminum material collected at the site: cast aluminum parts that may include car transmissions, radiators and other aluminum materials like sheets, siding, etc. The scrap aluminum material is either delivered by or picked-up from commercial customers by open-bed trucks or roll-offs. The scrap is first weighed and then dumped onto the ground where it lies until it is time to process. From these piles a crane is used to lift the scrap into a shredder which reduces the material to a smaller workable size and discharges it to a pile. The shredded material is inspected to remove non-aluminum materials like plastic and also a magnet is used to remove steel. The prepped material is then processed in a "dirt screen". The screen discharges to two different piles, an aluminum pile and a dirt pile. The material is then ready to load onto a truck and is sent to the client. There are also four (4) bobcats and two (2) front end loaders on site to handle the scrap material.

The facility requested an annual limit on the amount of scrap aluminum processed to be 20,000 tons/yr with a maximum diesel usage of 52,000 gal/yr. Based on the requested limits, the facility-wide potential to emit (PTE) for PM, SO₂, NO_x, CO and VOC emissions was estimated to be 12.1 TPY, 1.0 TPY, 15.7 TPY, 3.4 TPY and 1.3 TPY, respectively. The facility is not

subject to Rule 62-296.700, F.A.C., PM RACT, since the facility emits less than 15 TPY and 5 lbs/hr of PM emissions. However, the visible emissions (VE) from the scrap aluminum handling operations (i.e., transfer point or drop point) are limited to 5% opacity standard, pursuant to Chapter 1-3.52(1), Rules of the EPC. Visible emissions from the diesel engines is limited to a 20% opacity standard as per Rule 62-296.320(4)(b)1., F.A.C.

The Shredder is driven by a 700 HP diesel fired reciprocating internal combustion engine (RICE) and the dirt screen is driven by a 110 HP diesel fired RICE. Both RICEs are not subject to 40 CFR 60, Subpart III or 40 CFR 63, Subpart ZZZZ since they are non-road engines instead of stationary RICEs as defined under 40 CFR 1068.30. According to the permit application, the Shredder is moved around the site to the location of the piles of scrap aluminum and is also operated at other facility sites.

Application Information

Received on: July 22, 2013

Additional Information Requested: N/A

Application Complete: July 22, 2013

II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes, Chapters, 62-204, 62-210, 62-212, 62-296, and 62-297, Florida Administrative Code (F.A.C.) and Chapter 1-3 of the Rules of the Environmental Protection Commission of Hillsborough County.

This project is subject to the requirements of Rule 62-212.300, General Preconstruction Review Requirements, F.A.C., since the project is not exempt from the permit requirements in Rule 62-210.300, F.A.C.

This project is not subject to the requirements of Rule 62-212.400, Prevention of Significant Deterioration, F.A.C., since the facility is a minor source for PSD.

This project is not subject to the requirements Rule 62-212.500, Preconstruction Review for Nonattainment Areas, F.A.C., since the facility is not a major source and is not located in a designated nonattainment area.

This project is not subject to the requirements Rule 62-213, Operation Permits for Major Sources of Air Pollution, F.A.C., since the facility has accepted limits below the major source thresholds of any regulated air pollutant.

This project is subject to the requirements of Rule 62-296.320, General Pollutant Emission Limiting Standards, F.A.C., since the project is a source of particulate matter and visible emissions.

This project is not subject to the requirements of Rule 62-296.401 through 62-296.480, Specific Emission Limiting and Performance Standards, F.A.C., since there is not an applicable source specific category in this rule.

This project is not subject to the requirements of Rule 62-296.500, Reasonably Available Control Technology (RACT) - Requirements for Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) Emitting Facilities, F.A.C., since there is not an applicable source specific category in this rule.

This project is not subject to the requirements of Rule 62-296.600, Reasonably Available Control Technology - Lead, F.A.C., since there is not an applicable source specific category in this rule.

This project is not subject to the requirements of Rule 62-296.700, Particulate Matter Reasonably Available Control Technology, F.A.C., since the facility emits less than 15 TPY and 5 lbs/hr of PM emissions.

This project is not subject to the requirements of Rule 62-204.800 Standards of Performance for New Stationary Sources, Federal Regulations Adopted by Reference, F.A.C., since there is no applicable source specific category in this rule.

This project is subject to the requirements of Chapter 84-446, Laws of Florida and Chapter 1-3, Rules of the Environmental Protection Commission of Hillsborough County.

III. Summary of Emissions

Potential Emissions						
Emission Unit (EU)	PM (TPY)	SO2 (TPY)	NOx (TPY)	CO (TPY)	VOC (TPY)	VE Opacity Limit (%)
Material Handling (EU 005) ^(a) EP 1 - Truck unloading to pile EP 2 - Pile to pile transfer EP 3 - Crane to Shredder EP 4 - Shredding EP 5 - Shredder discharge to pile EP 6 - Pile to Dirt Screener EP 7 - Screening EP 8 - Dirt Screener to aluminum pile EP 9 - Dirt Screener to dirt pile EP 10 - Dirt pile to truck EP 11 - Aluminum pile to truck	11.0	n/a	n/a	n/a	n/a	5%
Diesel Powered - Shredder (EU 006) and Dirt Screener (EU 007) ^(b)	1.1	1.0	15.7	3.4	1.3	20%
TOTAL	12.1	1.0	15.7	3.4	1.3	

- (a) Potential PM emissions from the material handling operation are based on the facility's request of 20,000 tons/yr of aluminum scrap and an emission factor of 0.1 lb/ton, derived by using an average of ISRI Workbook Table D-10.F (0.00257 lb/ton) and AP-42, Table 12.10-7(0.2 lb/ton). The 0.1 lb/ton emission factor was based on EPC's determination, dated June 2009, for One Steel Recycling and Trademark Metals Recycling.
- (b) Potential PM emissions from diesel engines are based on the maximum annual diesel usage of 52,000 gal/yr and emission factors in AP-42, Table 3.3-1, 3.3-2.

IV. Conclusions:

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C., and Chapter 1-3, Rules of the Commission.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

V. Proposed Agency Action:

Pursuant to Section 403.087, Florida Statutes and Rule 62-4.070, Florida Administrative Code the Environmental Protection Commission of Hillsborough County hereby gives notice of its intent to issue an air construction permit for the increase in material throughput at the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).

CERTIFIED MAIL

In the Matter of an
Application for Permit by:

File No.: 0571273-004-AC
County: Hillsborough

Jon Hale, Owner
Mutual Scrap Processing, Inc.
4902 South 50th Street
Tampa, FL 33619

INTENT TO ISSUE

The Environmental Protection Commission of Hillsborough County (EPC), as delegated by the Florida Department of Environmental Protection (DEP) gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Mutual Scrap Processing, Inc., applied on July 22, 2013 to the EPC for an "after-the-fact" air construction permit to operate an aluminum scrap processing facility located at 4902 South 50th Street, Tampa, Florida. This aluminum scrap processing operation involves scrap aluminum truck unloading, piling, shredding, dirt screening and truck loading for transport off-site. The operation will be conducted according to the specified work practice standards and reasonable precautions to control unconfined particulate matter emissions stipulated in the specific conditions of this permit.

The EPC has permitting jurisdiction under Chapter 403 Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4 and 62-210. The project is not exempt from permitting procedures. The EPC has determined that an air pollution construction permit is required to commence or continue operations at the described facility.

The EPC intends to issue this permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will comply with the appropriate provisions of Florida Administrative Code (F.A.C.) Chapters 62-204 through 62-297 and 62-4.

Pursuant to Section 403.815 and 403.0872, F.S. and Rules 62-103.150 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication

in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the EPC at the address or telephone number listed below. **The applicant shall provide proof of publication to the EPC, Air Permitting Section, at 3629 Queen Palm Drive, Tampa, Florida 33619 (Phone 813-627-2600 - FAX 813-627-2660) within 7 (seven) days of publication.** Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-103.150(6), F.A.C.

The EPC will issue the final permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Section 120.569 and 120.57 F.S. before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the EPC for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S.; or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the EPC's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number if known;
- (b) The name, address, and telephone number of the petitioner and the name, address, and telephone number of each petitioner's representative, if any, which shall be the address for service purposes during the course of the proceedings; and an explanation of how the petitioner's substantial interests will be affected by the EPC's determination;
- (c) A statement of how and when the petitioner received notice of the EPC action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the EPC's proposed action;
- (f) A statement of specific rules or statutes the petitioner contends requires reversal or

modification of the EPC's proposed action; and

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the EPC to take with respect to the EPC's proposed action.

A petition that does not dispute the material facts upon which the EPC's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the EPC's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the EPC on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under section 120.573, F.S. is not available in this proceeding.

This action is final and effective on the date filed with the Clerk of the EPC unless a petition is filed in accordance with above. Upon the timely filing of a petition, this order will not be effective until further order of the EPC.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, FL 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner,
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any,
- (c) Each rule or portion of a rule from which a variance or waiver is requested,
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above,
- (e) The type of action requested,
- (f) The specific facts that would justify a variance or waiver for the petitioner,
- (g) The reason by the variance or waiver would serve the purposes of the underlying statute (implemented by the rule), and
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of

the those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Any person listed below may request to obtain additional information, a copy of the application (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), all relevant supporting materials, and all other materials available to the EPC that are relevant to the permit decision. Interested persons may contact Diana M. Lee, P.E., at the above address or call (813) 627-2600, for additional information.

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 EPC's Legal Office at 3629 Queen Palm Drive, Tampa, Florida 33619 and 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 thirty days after this order is filed with the clerk of the Department.

Executed in Tampa, Florida

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

Richard D. Garrity, Ph.D.
Executive Director

cc: Kenneth E. Given, P.E. - Air Testing & Consulting, Inc.

CERTIFICATE OF SERVICE

The undersigned duly designated clerk hereby certifies that this INTENT TO ISSUE and all copies were mailed by certified mail before the close of business on _____ to the listed persons.

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated clerk, receipt of which is hereby acknowledged.

Clerk

Date

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
NOTICE OF INTENT TO ISSUE PERMIT

The Environmental Protection Commission of Hillsborough County (EPC), as delegated by the Florida Department of Environmental Protection (DEP) gives notice of its intent to issue an Air Pollution Permit 0571273-004-AC to Mutual Scrap Processing, Inc., to operate an aluminum scrap processing facility. The aluminum scrap processing operation involves scrap aluminum truck unloading, piling, shredding, dirt screening and truck loading for transport off-site. The operation will be conducted according to the specified work practice standards and the use of reasonable precautions to control unconfined particulate matter emissions, stipulated in this permit. The facility, a minor source of emissions, is located at 4902 South 50th Street, Tampa, FL 33619.

A Best Available Control Technology (BACT) determination was not required.

The EPC will issue the Final permit with the conditions of the DRAFT permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. before the deadline for filing a petition. The procedures for petitioning for hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the EPC for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the F.A.C.

A petition that disputes the material facts on which the EPC's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number if known;
- (b) The name, address, and telephone number of the petitioner, and the name, address, and telephone number of each petitioner's representative, if any, which shall be the address for service purposes during the course of the proceedings; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when petitioner received notice of the EPC action;

- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the EPC proposed action;
- (f) A statement of specific rules or statutes the petitioner contends requires reversal or modification of the EPC's proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the EPC to take with respect to the EPC's proposed action.

A petition that does not dispute the material facts upon which the EPC's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above as required by Rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the EPC's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the EPC on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under section 120.573, F.S. is not available in this proceeding.

This action is final and effective on the date filed with the Clerk of the EPC unless a petition is filed in accordance with above. Upon the timely filing of a petition this order will not be effective until further order of the EPC.

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 EPC's Legal Office at 3629 Queen Palm Drive, Tampa, Florida 33619 and 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 thirty days after this order is filed with the clerk of the Department.

The complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Environmental Protection Commission of Hillsborough County, 3629 Queen Palm Drive, Tampa, Florida 33619. The complete project file includes the proposed Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Diana M. Lee, P.E., at the above address, or call 813-627-2600, for additional information. Any written comments filed shall be available for public inspection. If written comments received result in a significant change in the proposed agency action, the EPC shall revise the proposed permit and require, if applicable, another Public Notice.

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT

Jon Hale, Owner
Mutual Scrap Processing, Inc.
4902 South 50th Street
Tampa, FL 33619

Dear Mr. Hale:

Re: Hillsborough County - AP

Enclosed is Permit Number 0571273-004-AC to operate an aluminum scrap processing facility located at 4902 South 50th Street, Tampa, FL 33619, issued pursuant to Section 403.087, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the EPC in the Legal Department at 3629 Queen Palm Drive, Tampa, Florida, 33619 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 of Appeal must be filed within 30 days from the date this Notice is filed with the clerk of the EPC.

Executed in Tampa, Florida.

Sincerely,

Richard D. Garrity, Ph.D.
Executive Director

cc: Kenneth E. Given, P.E. - Air Testing & Consulting, Inc.

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on _____ to the listed persons.

Clerk Stamp

FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated clerk, receipt of which is hereby acknowledged.

Clerk

Date

PERMITTEE:
Mutual Scrap Processing, Inc.
4902 South 50th Street
Tampa, FL 33619

PERMIT/CERTIFICATION
Permit No.: 0571273-004-AC
County: Hillsborough
Expiration Date: September 1, 2014
Project: Aluminum Scrap Processing Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 62-4. 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 EPC and made a part hereof and specifically described as follows:

This project is for an “after-the-fact” air construction permit to operate an aluminum scrap processing facility located at 4902 South 50th Street, Tampa, Florida. There are three (3) types of scrap aluminum material collected at the site: cast aluminum parts that may include car transmissions, radiators and other aluminum materials like sheets, siding, etc. The scrap aluminum material is either delivered by or picked-up from commercial customers by open-bed trucks or roll-offs. The scrap is first weighed and then dumped onto the ground where it lies until it is time to process. From these piles a crane is used to lift the scrap into a shredder which reduces the material to a smaller workable size and discharges it to a pile. The shredded material is inspected to remove non-aluminum materials like plastic and a magnet is used to remove steel. The prepped material is then processed in a "dirt screen". The screen discharges to two different piles, an aluminum pile and a dirt pile. The material is then ready to load onto a truck and is sent to the client. There are also four (4) bobcats and two (2) front end loaders on site to handle the scrap material. Emissions will be controlled by using best management practices, which can include applying water, as needed.

The facility is not subject to Rule 62-296.700, F.A.C., PM RACT, since the facility emits less than 15 TPY and 5 lbs/hr of PM emissions. However, the visible emissions (VE) from the scrap aluminum handling operations (i.e., transfer point or drop point) are limited to 5% opacity standard, pursuant to Chapter 1-3.52(1), Rules of the EPC. Visible emissions from the diesel engines is limited to a 20% opacity standard pursuant to Rule 62-296.320(4)(b)1., F.A.C.

The Shredder is driven by a 700 HP diesel fired reciprocating internal combustion engine (RICE) and the Dirt Screener is driven by a 110 HP diesel fired RICE. Both RICEs are not subject to 40 CFR 60, Subpart III or 40 CFR 63, Subpart ZZZZ since they are non-road engines instead of stationary RICEs as defined under 40 CFR 1068.30. According to the permit application, the Shredder is moved around the site to the location of the piles of scrap aluminum and is also operated at other facility sites.

Mutual Scrap Processing, Inc.
Tampa, FL 33619

Permit No.: 0571273-004-AC
Project: Scrap Aluminum Processing Facility

Location: 4902 South 50th Street, Tampa, FL 33619

UTM Coordinates: 17- 3596.5 E, 30877.4 N

Latitude: 27° 54' 26" N Longitude: 82° 25' 34" W

Facility ID No.: 0571404

Emission Unit (EU) Nos.: EU 005 – Material Handling
EP 1 - Truck unloading to pile
EP 2 - Pile to pile transfer
EP 3 - Crane to Shredder
EP 4 - Shredding
EP 5 - Shredder discharge to pile
EP 6 - Pile to Dirt Screener
EP 7 - Screening
EP 8 - Dirt Screener to aluminum pile
EP 9 - Dirt Screener to dirt pile
EP 10 - Dirt pile to truck
EP 11 - Aluminum pile to truck

EU 006 – Diesel Powered Shredder
EU 007 - Diesel Powered Dirt Screener

SPECIFIC CONDITIONS:

1. A part of this permit is the attached General Conditions. [Rule 62-4.160, F.A.C.]
2. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C., or any other requirements under federal, state, or local law. [Rule 62-210.300, F.A.C.]
3. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]
4. The use of property, facilities, equipment, processes, products, or compounds, or any other act that causes or materially contributes to a public nuisance is prohibited, pursuant to the Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.
5. Operating hours for the material handling at this facility are not limited. Therefore, this facility is authorized to operate 8,760 hours per consecutive 12 month period. [Rule 62-4.070(3), F.A.C., and Air Construction (AC) Permit Application submitted July 22, 2013]
6. As requested by the permittee, the facility shall not receive or process more than 20,000 tons of scrap aluminum and consume more than 52,000 gallons of diesel fuel in any consecutive 12 month period. [Rule 62-4.070(3), F.A.C., and AC Permit Application submitted July 22, 2013]
7. In order to limit the potential to emit and establish the facility as a synthetic minor for criteria pollutants, the facility-wide particulate matter (PM) emissions shall not exceed 12.1 tons in any consecutive 12 month period (TPY). [Rules 62-210.200 – “Potential to Emit” and 62-4.070(3), F.A.C. and AC Permit Application submitted July 22, 2013]
8. The permittee shall maintain a truck scale to determine the amount of scrap aluminum received with an error of less than or equal to 10 percent. [Rule 62-4.070(3), F.A.C.]
9. Visible emissions from all scrap material handling activities shall not exceed 5% opacity. Visible emissions from the diesel engines that power the equipment shall not be equal to or greater than 20% opacity. [Rule 62-296.320, F.A.C., and Chapter 1-3.52, Rules of the EPCHC and AC Permit Application submitted July 22, 2013]
10. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An 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. [Rule 62-210.200 (Objectionable Odor) and Rule 62-296.320, F.A.C.]

SPECIFIC CONDITIONS:

11. In order to assure compliance with the emission limiting standards in Specific Condition No. 9, the permittee shall implement the following work practices: [Rule 62-4.070(3)]

- A) Crane & loader operators shall minimize the material drop heights as much as possible;
- B) Apply water to material stockpiles, as needed, prior to processing.

12. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include, but not be limited to, the following:
[Rules 62-4.070(3) and 62-296.320, F.A.C.]

- A) Vehicle speeds will be limited to 10 mph in unpaved areas and 15 mph in paved areas of the facility.
- B) Wet roadways and unpaved areas as necessary to prevent excessive fugitive emissions. Paved areas shall be kept free of dirt and or debris by sweeping or vacuuming (no blowers permitted). If paved areas are not kept free of dirt and debris, they shall be maintained wet to the extent necessary to prevent excessive fugitive emissions.
- C) Equipment shall be properly maintained to perform its designed function.
- D) Maintain piles wet to the extent necessary to operate in compliance with the applicable visible emission standard.
- E) Operator of the crane, bobcats and front end loaders used to move scrap in the site must have a clear, unobstructed view of the area of hazardous operations at all times.

13. In order to ensure compliance with Specific Condition No. 9, the permittee shall perform visible emission (VE) tests for EU 005 including all the emission points (EP 1 thru EP 11) listed in this permit, EU 006 and EU 007, within 90 days of receipt of this final permit, and annually thereafter, between October 1 and September 30 (once per federal fiscal year). Testing procedures shall be consistent with the requirements of Rule 62-297.340, F.A.C. [Rules 62-296.711(3), and 62-297.310(7), F.A.C.]

14. All Visible emissions shall be tested by a certified observer in accordance with EPA Method 9 for a minimum of thirty (30) minutes and shall be taken at the point of highest opacity.
[Rules 62-297.310(4)(a)2, and (7)(a), and 62-297.320, F.A.C.]

15. The permittee shall notify the Air Compliance Section of the Environmental Protection Commission of Hillsborough County at least 15 days prior to the date on which each formal compliance test is to begin. The notification will include the date, time, and place of each such test, and the contact person who will be responsible for coordinating and having such test conducted. [Rule 62-297.310(7)(a)9., F.A.C.]

SPECIFIC CONDITIONS:

16. The permittee will submit two copies of the compliance test report to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. The test report shall contain sufficient detail on the source tested and the test procedures used to allow the EPC to determine if the test was properly conducted and the test results properly computed. The operational data shall include the truck unloading and loading rates as determined by the weight of material processed during the visible emission test observation period and the specific work practices utilized to control particulate emissions. [Rules 62-297.310(8), F.A.C.]

17. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200, F.A.C., Modification. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [Rules 62-210.300 and 62-4.070(3), F.A.C.]

- A) Alteration or replacement of any equipment* or major component of such equipment;
- B) Installation or addition of any equipment* which is a source of air pollution.

*Not applicable to routine maintenance, repair, or replacement of component parts of an air emissions unit.

18. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rules 62-204, 62-210, 62-212, 62-296, or 62-297, F.A.C., or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the EPC. [Rule 62-297.310(7)(b), F.A.C.]

19. In order to demonstrate continuous compliance with Specific Conditions 6, 7 and 8, the permittee shall maintain a recordkeeping system for the most recent three-year period. The records shall be made available to the EPC upon request. The records shall include, but not limited to, the following: [Rule 62-4.070(3) and 62-4.160(14)(b), F.A.C.]

- A) Day, month and year of the data recorded;
- B) Monthly and 12-month rolling total of aluminum scrap received and processed (tons);
- C) Monthly and 12-month rolling total of diesel fuel usages (consumed) in gallons;
- D) Record of the annual certification of the truck scale;

20. The permittee must submit to the Environmental Protection Commission of Hillsborough County each calendar year, a completed DEP Form 62-210.900(5), "Annual Operating Report (AOR) for Air Pollutant Emitting Facility", for the preceding calendar year. The AOR shall be submitted by April 1 of the following year. [Rule 62-210.370(3), F.A.C.]

Mutual Scrap Processing, Inc.
Tampa, FL 33619

Permit No. 0571273-004-AC
Project: Scrap Aluminum Processing Facility

SPECIFIC CONDITIONS:

21. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

22. A minimum of two copies of an operating permit application with applicable compliance test report for incorporating this construction Permit No. 0571273-004-AC into an operating permit shall be submitted to the Environmental Protection Commission of Hillsborough County within 60 days of completion of testing or 90 days before the expiration date of this permit, whichever comes first. [Rules 62-4.070(3) and 62-210.300(2), F.A.C.]

**ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY**

Richard D. Garrity, Ph.D.
Executive Director

P.E. Certification Statement

Permittee:

**Mutual Scrap Processing, Inc.
Tampa, Florida**

**DRAFT Permit No.: 0571273-004-AC
Facility ID No.: 0571273**

Project Type: Air Construction

I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

(Seal)

Diana M. Lee, P.E.

Date

Registration No.: 56082

Permitting Authority:

Environmental Protection Commission
of Hillsborough County
Air Management Division
3629 Queen Palm Dr
Tampa, FL 33619
Telephone: (813) 2627-2600
Fax: (813) 627-2660