



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: June 7, 2011

Effective Date: June 7, 2011

Expiration Date: December 7, 2012

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 23-0115

Federal Tax Id - Plant Code: 32-0305336-1

Plan Approval Description

Plan approval for the construction and installation of an enclosed shredder with outdoor storage of materials. Air emissions will be controlled by a suppression system and an air classification system.

Owner Information

Name: EASTERN METAL RECYCLING TERM LLC
Mailing Address: PO BOX 496
CAMDEN, NJ 08101-0496

Plant Information

Plant: EASTERN METAL RECYCLING TERM LLC/EDDYSTONE
Location: 23 Delaware County 23821 Eddystone Borough
SIC Code: 5093 Wholesale Trade - Scrap And Waste Materials

Responsible Official

Name: JOSEPH BALZANO
Title: PRES
Phone: (856) 969 - 7035

Plan Approval Contact Person

Name: CYNTHIA A MCKEOWN
Title: ENV HEALTH & SAFETY MGR
Phone: (856) 969 - 7035

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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Note: These same sub-sections are repeated for each source!

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Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	HAMMERMILL	400.000 Tons/HR	METAL
102	CONVEYORS AND STOCKPILES		
103	CLASSIFIER		
C01	SUPPRESSION SYSTEM		
Z01	HAMMERMILL/CLASSIFIER FUGITIVES		
Z02	CONVEYOR & STOCKPILE FUGITIVES		

PERMIT MAPS





SECTION B. General Plan Approval Requirements

#001 [25 Pa. Code § 121.1]

Definitions

Words and terms that are not otherwise defined in this plan approval shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.12b (a) (b)]

Future Adoption of Requirements

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]

Plan Approval Temporary Operation

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 15 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]

Content of Applications

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]

Public Records and Confidential Information

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.



SECTION B. General Plan Approval Requirements

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]

Plan Approval terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]

Transfer of Plan Approvals

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(4) & 35 P.S. § 4008 & § 114 of the CAA]

Inspection and Entry

(a) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel

SECTION B. General Plan Approval Requirements

in the performance of any duty authorized under the Air Pollution Control Act.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

(c) Nothing in this plan approval condition shall limit the ability of the Environmental Protection Agency to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#009 [25 Pa. Code 127.13a]

Plan Approval Changes for Cause

This plan approval may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

(a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.

(b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.

(c) The permittee fails to submit a report required by this plan approval.

(d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]

Circumvention

(a) The permittee, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#011 [25 Pa. Code § 127.12c]

Submissions

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(9) & 40 CFR Part 68]

Risk Management

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention



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provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or the Environmental Protection Agency concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this plan approval condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

#013 [25 Pa. Code § 127.25]

Compliance Requirement

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.



SECTION C. Site Level Plan Approval Requirements

I. RESTRICTIONS.

Emission Restriction(s).

# 001	[25 Pa. Code §121.7]	Prohibition of air pollution. No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).
# 002	[25 Pa. Code §123.1]	Prohibition of certain fugitive emissions No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following: (a) construction or demolition of buildings or structures; (b) grading, paving, and maintenance of roads and streets; (c) use of roads and streets. Emissions from material in or on trucks, railroad cars, and other vehicular equipment are not considered as emissions from use of roads and streets; (d) clearing of land; (e) stockpiling of materials; and (f) sources, and classes of sources, other than those identified in (a) - (e) above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive emissions from the source, after appropriate controls, meet the following requirements: (1) the emissions are of minor significance with respect to causing air pollution; and (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.
# 003	[25 Pa. Code §123.2]	Fugitive particulate matter A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #002, above, if such emissions are visible at the point the emissions pass outside the person's property.
# 004	[25 Pa. Code §123.31]	Limitations A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.
# 005	[25 Pa. Code §123.41]	Limitations A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following: (a) equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour; or (b) equal to or greater than 60% at any time.
# 006	[25 Pa. Code §123.42]	Exceptions The opacity limitations above shall not apply to a visible emission in either of the following instances: (a) when the presence of uncombined water is the only reason for failure to meet the limitations; or (b) when the emission results from the sources specified in Condition #002, of this Section.
# 007	[25 Pa. Code §127.12b]	Plan approval terms and conditions. Aggregate fugitive particulate matter from this facility shall not exceed 9.24 tons in any 12 consecutive month period.
# 008	[25 Pa. Code §129.14]	Open burning operations The permittee may not permit the open burning of material in the Southeast Air Basin, except when the open burning results from:

SECTION C. Site Level Plan Approval Requirements

- (a) a fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;
- (b) any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;
- (c) a fire set solely for cooking food;
- (d) a fire set solely for recreational or ceremonial purposes; or
- (e) a fire set for the prevention and control of disease or pests, when approved by the Department.

II. TESTING REQUIREMENTS.

009 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this Plan Approval, may be in excess of the limitations specified in this Plan Approval, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.

010 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

- (a) a device approved by the Department and maintained to provide accurate opacity measurements; or
- (b) observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

011 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- (a) The permittee shall monitor the facility, twice per operating day, for the following:
 - (1) odors;
 - (2) visible emissions; and
 - (3) fugitive particulate matter.
- (b) Monitoring shall be performed as follows:
 - (1) once during daylight hours when deliveries are being made, piles are being moved, or trucks are being loaded;
 - (2) once during hammermill operating hours; and
 - (3) monitoring shall include a visual observation.
- (c) Objectionable odors, fugitive particulate matter, or visible emissions (as qualified by the applicable conditions in this section of the plan approval) shall:
 - (1) be investigated;
 - (2) be reported to the individual(s) designated by the permittee;
 - (3) have appropriate corrective action taken (for emissions that originate on-site); and
 - (4) be recorded in a permanent written log.
- (d) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification and the semi-annual report of monitoring and record keeping, complaints, monitoring results, and/or Department findings. Changes to the above monitoring frequency will be accomplished through a permit revision.



SECTION C. Site Level Plan Approval Requirements

012 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All incoming deliveries shall pass through radiation detectors.

IV. RECORDKEEPING REQUIREMENTS.

013 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including digital (or otherwise acceptable) records, as well as items that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) date, time, and location of the incident(s);
- (b) the cause of the event; and
- (c) the corrective action taken, if necessary, to abate the situation and prevent future occurrences.

014 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Records for all monitoring, reports, certifications, and work practice standards (including sweeping and water spray) shall be retained on-site for a minimum of five (5) years.

015 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Training records, including: dates, instructor, topic(s), and attendees names, shall be retained for a minimum of five (5) years.

016 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

By the 10th of each month, the permittee shall perform calculations for the previous month for particulate matter emissions based on the variables used in the formula, found in AP-42, Section 13.2.4. These include: average wind speed, average moisture, hours of operation, and tonnage of material processed.

Each month these individual calculations shall be aggregated into a 12-consecutive month rolling sum.

V. REPORTING REQUIREMENTS.

017 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, by calling 484-250-5920 during normal Department business hours or at 484-250-5900 during all other times, of any malfunction of the source(s) or associated air pollution control devices listed in this plan approval, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this Plan Approval, or of a regulation contained in 25 Pa. Code Article III.

(b) All explosions and fires, no matter the size or how quickly the situation is remedied, shall be reported to the Department immediately at the above number.

(c) Malfunction(s) which occur at this facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate Plan Approval conditions if the source were to continue to operate after the malfunction, shall immediately be reported to the Department by telephone at the above number.

(d) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe, at a minimum, the following:

- (1) the malfunction(s) or incident and its cause;
- (2) the emission(s);
- (3) the duration; and



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(4) any corrective action taken.

VI. WORK PRACTICE REQUIREMENTS.

018 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in Condition #001 of this section, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land;
- (b) application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts;
- (c) paving and maintenance of roadways; and/or
- (d) prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

019 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall implement the following dust control plan for the facility:

- (a) have a readily available vacuum sweeper and water truck to control potential dust emissions. In the event of mechanical equipment problems, manual sweeping and wetting may be used;
- (b) take all reasonable steps to eliminate the accumulation of debris and/or dust on the paved areas;
- (c) sweep and wet the paved (or concreted) exit roadway from the facility and street area at the exit of the facility as needed, including all unpaved roadways, but no less than twice per operating day (weather permitting);
- (d) storage piles of incoming and processed materials shall be placed on sealed surfaces (e.g. - pavement or concrete); and
- (e) conduct a visual inspection daily for fugitive dust from the in-feed conveyor or feed chute, shredder, separator, and storage piles.

020 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code § 123.1(c).]

A highly visible notice shall be posted at a prominent location at the facility stating: "All out-going laden trucks shall be tarped before exiting the property to prevent particulate matter from becoming airborne."

021 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- (a) The permittee shall be responsible for trucks that are owned or operated by the permittee, or any companies affiliated with the permittee, to adequately tarp all loads exiting the facility property so as to prevent fugitive particulate matter from becoming airborne.
- (b) The permittee shall notify, in writing, the truck owners and operators which haul loads from the facility of their responsibility to tarp each loaded truck. This written notice shall be sent to all haulers with existing accounts and to new accounts within 30 days of establishing accounts. A written notice shall also be provided to all other truck owners and operators who do not establish accounts with the permittee at least during their first use at the facility.
- (c) The permittee shall certify in writing to the Department its compliance with these notification procedures.

022 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Only properly trained employees shall operate the shredder and crane(s). A properly trained employee shall be defined as one who received training on the system from the manufacturer, or who has been trained by someone who received the

SECTION C. Site Level Plan Approval Requirements

above training. After initial training, only properly trained employees may train new employees.

Refresher training shall be held on an annual basis.

All training shall include, at a minimum:

- (a) hammermill operation and shutdown procedures;
- (b) manual override procedures on the suppression system;
- (c) inspection procedures for incoming deliveries;
- (d) proper operating procedures of the air classification system
- (e) crane operator procedures; and
- (f) emergency procedures.

023 [25 Pa. Code §127.25]

Compliance requirement.

The sources and control devices shall be installed, operated, and maintained in accordance with the plans submitted with the plan approval application (as provided herein).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 101

Source Name: HAMMERMILL

Source Capacity/Throughput:

400.000 Tons/HR

METAL

**I. RESTRICTIONS.****Throughput Restriction(s).**

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The following items shall not be received or processed at this facility:

- (a) incinerator waste;
- (b) unopened containers (including 55 gallon drums) with unknown liquids or residues;
- (c) radioactive materials;
- (d) CFC/HCFC containing scrap unless the refrigerant has been removed and properly disposed of in accordance with 40 CFR § 82.156(f);
- (e) mercury containing devices;
- (f) all free flowing liquids shall be removed from the scrap prior to loading into the shredder. This includes, but is not limited to: oil, fuels, antifreeze, transmission fluid, and gear oils;
- (g) explosives materials;
- (h) pressurized or closed containers, which shall include, but not be limited to: propane tanks, gas cylinders, gasoline tanks, uncut bulk storage tanks;
- (i) flammable materials;
- (j) tires not attached to a metal rim will be rejected and not processed at the facility;
- (k) poisons, infectious materials, or chemicals in any form (including, but not limited to: medical scrap and fertilizers);
- (l) corrosive materials, except batteries when segregated and purchased separately; and
- (m) scrap that contains hazardous waste.

For the purpose of this condition, free flowing liquids are defined as liquids that can be drained through an opening and are still flowing in a single stream (i.e. - have not begun to drip yet).

Note: Prompt removal and segregation for off-site disposal of any material listed above will occur should it be detected during the permittee's inspection procedures.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Each incoming load of scrap material shall be visually inspected for the items in condition #001, above.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The following shall be monitored each operating day:

- (a) water flow for the suppression system; and



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(b) hammermill motor amps.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) Daily records shall be kept for the following:

- (1) operating hours for the hammermill;
- (2) scrap material throughput (in tons);
- (3) water flow rate for the suppression system; and
- (4) hammermill motor amps.

(b) Monthly records shall be retained for the following:

- (1) the number of trucks delivering scrap metal to the facility; and
- (2) the total number of departing trucks that are hauling material from the facility (including those hauling ASR).

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Records of manually overriding the suppression system shall be retained on-site and shall indicate the following:

- (a) date;
- (b) start and stop time; and
- (c) the reason for the override.

V. REPORTING REQUIREMENTS.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall record and graph the hammermill motor amperage draw versus the suppression system flow rate.

The data shall be submitted to the Department for approval. The Department will specify the required minimum operating parameters on the suppression system water flow rate prior to the issuance of an operating permit, which will be based on manufacturer's specifications and actual operating records.

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The inspections for materials covered in Condition #001 shall be:

- (a) performed by an employee as the scrap is unloaded in the staging area; and
- (b) performed by the crane operator as the items are loaded on the feed conveyor of the shredder.

If scrap material is delivered at night, additional personnel utilizing appropriate artificial light shall assist with the inspections in the unloading area.

Any and all items found that are not permitted by this plan approval shall be promptly removed and disposed of properly.

008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall obtain from each scrap supplier a written certification that they will exclude delivery of the items in Condition #001 to this facility. This certification shall be submitted by each supplier on an biennial basis no later than the



SECTION D. Source Level Plan Approval Requirements

first shipment of each calendar year, or upon change of supplier contract. These certifications shall be retained on-site for a minimum of five (5) years.

VII. ADDITIONAL REQUIREMENTS.

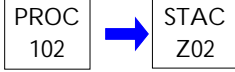
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

SECTION D. Source Level Plan Approval Requirements

Source ID: 102

Source Name: CONVEYORS AND STOCKPILES

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Additional authority for this plan approval condition is also derived from 25 Pa. Code § 127.1]

The permittee shall minimize fugitive emissions from conveyors, transfer points, and stockpiles to the extent practicable using, at a minimum, the work practices set forth in Condition #002, below.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

To control fugitive dust for material handling and stockpiling of materials, all reasonable actions to prevent particulate matter from becoming airborne should be taken. This includes, but is not limited to: use, where possible, of water, oil, or suitable chemicals, on material handling and stockpiles.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All conveyors that transport shredded material shall be equipped with either covers or high-sides (skirts) to reduce fugitive emissions.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103

Source Name: CLASSIFIER

Source Capacity/Throughput:

I. RESTRICTIONS.**Emission Restriction(s).**

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

There shall be no visible emissions or fugitive emissions from the air classification system, including uncombined water.

Control Device Efficiencies Restriction(s).

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The pressure drop across the air classifier shall not exceed 6 inches, w.g..

A pressure drop range shall be established by the Department prior to the operating permit being issued. The range shall be based on manufacturer's specifications and data collected during the shake down period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The pressure drop across the air classifier shall be monitored using a magnehelic or equivalent.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall retain records on-site of the pressure drop across the classifier for each operating day.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Plan Approval facility.



SECTION F. Emission Restriction Summary.

Source Id

Source Description

Site Emission Restriction Summary

Emission Limit	Pollutant
9.240 Tons/Yr	TSP



SECTION G. Miscellaneous.



***** End of Report *****
