



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: December 19, 2025

Effective Date: December 19, 2025

Expiration Date: June 30, 2027

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. 37-00341B

Federal Tax Id - Plant Code: 33-3960424-1

Owner Information

Name: COMBINED METAL IND USA LLC
Mailing Address: 526 S JEFFERSON ST
NEW CASTLE, PA 16101-3966

Plant Information

Plant: COMBINED METAL IND NEW CASTLE FAC
Location: 37 Lawrence County 37001 New Castle City
SIC Code: 5093 Wholesale Trade - Scrap And Waste Materials

Responsible Official

Name: MARCUS BECK
Title: PLANT MANAGER
Phone: (724) 856 - 5834 Email: mbeck@combinedmetal.com

Plan Approval Contact Person

Name: MARCUS BECK
Title: PLANT MANAGER
Phone: (724) 856 - 5834 Email: mbeck@combinedmetal.com

[Signature] _____
LORI L. MCNABB, NORTHWEST REGION AIR PROGRAM MANAGER



Plan Approval Description

This Plan Approval is for an aluminum shredding operation in the City of New Castle, Lawrence County (previously Ben Weitsman of New Castle). This approval authorizes the installation and operation of an aluminum shredder and an aluminum polishing machine, which will contain a fabric filter to help minimize emissions. With this authorization, the site will be shredding clean aluminum and will no longer be shredding ferrous material.



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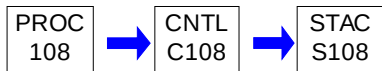
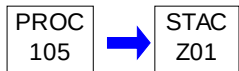
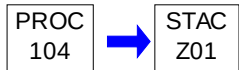
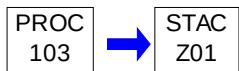
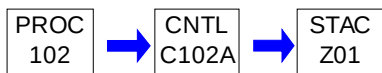
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
102	PRIMARY SHREDDER	50.000 Tons/HR	ALUMINUM
103	MAGNETIC SEPARATOR	N/A	
104	CONVEYORS	N/A	
105	STOCKPILES	N/A	
108	DIDION POLISHING MACHINE	50.000 Tons/HR	ALUMINUM
C102A	WATER INJECTION SYSTEM		
C108	FABRIC COLLECTOR (POLISHING MACHINE)		
S108	POLISHING MACHINE STACK		
Z01	FUGITIVE EMISSIONS		

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 30 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.

(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

**SECTION B. General Plan Approval Requirements**

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(a)(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 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.

**SECTION B. General Plan Approval Requirements**

(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(a)(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 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:

**SECTION B. General Plan Approval Requirements**

- (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 § 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. §§ 4001-4015).

#014 [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 act.

002 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

(a) No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

(1) Construction or demolition of buildings or structures.

(2) Grading, paving and maintenance of roads and streets.

(3) 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.

(4) Clearing of land.

(5) Stockpiling of materials.

(6) Open burning operations.

(7) - (8) [Not applicable]

(9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

(i) the emissions are of minor significance with respect to causing air pollution; and

(ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

(b) An application form for requesting a determination under either subsection (a)(9) or 129.15(c) is available from the Department. In reviewing these applications, the Department may require the applicant to supply information including, but not limited to, a description of proposed control measures, characteristics of emissions, quantity of emissions, and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant shall be required to demonstrate that the requirements of subsections (a)(9) and (c) and 123.2 (relating to fugitive particulate matter) or of the requirements of 129.15(c) have been satisfied. Upon such demonstration, the Department will issue a determination, in writing, either as an operating permit condition, for those sources subject to permit requirements under the act, or as an order containing appropriate conditions and limitations.

(c) A person responsible for any source specified in subsections (a)(1) -- (7) or (9) shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

(1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(3) Paving and maintenance of roadways.

(4) 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 other means.

**SECTION C. Site Level Plan Approval Requirements**

(d) [Not applicable]

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 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]**Limitations**

(a) [Not applicable]

(b) 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.

(c) [Not applicable]

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:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]**Exceptions**

The limitations of 123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

- (1) when the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- (4) [Not applicable]

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The facility shall not perform torch cutting without obtaining prior approval from the DEP.

[Plan Approval 37-00341B]

008 [25 Pa. Code §129.14]**Open burning operations**

- (a) Air basins. No person may permit the open burning of material in an air basin.

**SECTION C. Site Level Plan Approval Requirements**

(b) [Not applicable]

(c) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:

(1) 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.

(2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(3) A fire set for the prevention and control of disease or pests, when approved by the Department.

(4) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

(5) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of such structure.

(6) A fire set solely for recreational or ceremonial purposes.

(7) A fire set solely for cooking food.

(d) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

(1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:

(i) Air curtain destructors shall be used when burning clearing and grubbing wastes.

(ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning. Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction modification, reactivation and operation of sources).

(iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.

(iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.

(3) [Not applicable]

(4) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

**SECTION C. Site Level Plan Approval Requirements****II. TESTING REQUIREMENTS.****# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) If, at any time, the DEP has cause to believe that air contaminant emissions from any source 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 DEP to determine the actual emissions rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, the most current version of the DEP Source Testing Manual, and the EPA Clean Air Act National Stack Testing Guidance, when applicable, and in accordance with any restrictions or limitations established by the DEP at such time as it notifies the permittee that testing is required.

[Plan Approval 37-00341B]

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) 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.**

An inspection of the facility shall be performed on a daily basis to determine if the visible fugitive or malodor emissions are detectable at the facility.

[Plan Approval 37-00341B]

012 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall inspect each incoming load for the restricted items listed under Throughput Restrictions in Section D. Source Level Plan Approval Requirements for Source ID 102.

[Plan Approval 37-00341B]

IV. RECORDKEEPING REQUIREMENTS.**# 013 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall maintain a record of the results of the daily visible fugitive and malodor emissions inspections. At a minimum, the permittee shall record the following:

- i) The date
- ii) The time
- iii) The result of the inspection
- iv) A description of any corrective action
- v) The name of the individual conducting the inspection

[Plan Approval 37-00341B]

014 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall maintain a daily log of all dust control and roadway maintenance activities including, but not limited to,

**SECTION C. Site Level Plan Approval Requirements**

road sweeping performed to prevent fugitive emissions. At a minimum, the permittee shall record the date, time, and a description of any maintenance activity to-inplant roadways.

[Plan Approval 37-00341B]

015 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

All required recordkeeping requirements shall be maintained onsite for a minimum of 5 years and shall be made available to the DEP upon request.

[Plan Approval 37-00341B]

V. REPORTING REQUIREMENTS.**# 016 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Malfunction reporting shall be conducted as follows:

(a) For the purpose of this condition, a malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment or source to operate in a normal or usual manner that may result in an increase in the emission of air contaminants. Examples of malfunctions may include, but are not limited to: large dust plumes, heavy smoke, a spill or release that results in a malodor that is detectable outside the property on whose land the source is being operated.

(b) When the malfunction poses an imminent and substantial danger to the public health and safety, potential harm to the environment, the Owner/Operator shall report the incident to the Department within one hour of discovery. The Owner/Operator shall also notify the Department within one hour, when corrective measures have been accomplished.

(c) All other malfunctions shall be reported to the Department no later than the next business day.

(d) Initial reporting of the malfunction shall identify the following items to the extent known:

- i. Name and location of the facility;
- ii. Nature and cause of the malfunction;
- iii. Time when the malfunction or breakdown was first observed;
- iv. Expected duration of increased emissions; and
- v. Estimated rate of emissions.

(e) The Owner/Operator shall also notify the Department immediately, by telephone, when corrective measures, for malfunctions meeting the criteria in (b), have been accomplished.

(f) Malfunctions shall be reported through the Department's Public Submission Page in Greenport, unless the Department directs otherwise:

Department's Public Submission Page in Greenport:

<http://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

Northwest Regional Office
814-332-6945

(g) If requested by the Department, the Owner/Operator shall submit a full written report to the Department, including final determinations of the items identified in d., and the corrective measures taken on the malfunction. The report shall be submitted within 15 days of the Department's request or accomplishing corrective measures, whichever is later.

[Plan Approval 37-00341B]



SECTION C. Site Level Plan Approval 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.

017 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If, at any time, the DEP has cause to believe that additional equipment may be needed to better control emissions, the permittee shall be required to install/operate whatever equipment is deemed necessary by the DEP to help mitigate these emissions.

[Plan Approval 37-00341B]

018 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

For the purposes of this plan approval, clean aluminum refers to material that consists of 90% aluminum and will not contain any visual free organics, such as oils or other fluids. Note that the aluminum will contain small amounts of light iron material, but this material will also not contain any visual free organics, such as oils or other fluids.

[Plan Approval 37-00341B]

019 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) Upon determination by the permittee that the source(s) covered by this Plan Approval are in compliance with all conditions of the Plan Approval, the permittee shall contact the Department's reviewing engineer and schedule the Initial Operating Permit Inspection.

(b) The permittee shall submit a State Only Operating Permit (SOOP) application within 180 days of commencement of operation of source(s) covered by this Plan Approval.

[Plan Approval 37-00341B]

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: 102

Source Name: PRIMARY SHREDDER

Source Capacity/Throughput:

50.000 Tons/HR

ALUMINUM

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall only process clean aluminum through the primary shredder.

[Plan Approval 37-00341B]

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

All aluminum bales and large aluminum pieces shall be processed by the pre-shredder prior to being processed by Source ID 102 (primary shredder).

[Plan Approval 37-00341B]

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Source C102A (Water Injection System) shall be used as needed to minimize emissions from the primary shredder.

[Plan Approval 37-00341B]

Throughput Restriction(s).**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The following restricted items shall not be processed through Source ID 102:

- (1) Refrigerants (e.g. chlorofluorocarbons (CFCs) and hydrofluorocarbons (HCFCs));
- (2) Mercury (e.g. switches, thermostats);
- (3) Sodium azide canisters (e.g. vehicle airbags);
- (4) Polychlorinated biphenyl-containing material;
- (5) Asbestos-containing materials;
- (6) Radioactive material;
- (7) Ignition sources, flammable, or combustible material; live munitions, bullets, military target range scrap, or other explosive materials;
- (8) Lead tire weights;
- (9) Batteries (e.g. lead-acid, lithium)
- (10) Compressed gas cylinders, propane tanks, or aerosol cans that have not been properly vented and depressurized;
- (11) Scrap metal with excessive residual cutting fluids;
- (12) Tanks, drums, or other containers that have not been vented or contain excessive residual fluids or solids;
- (13) Free liquids such as gasoline, diesel fuel, oil, radiator, wiper, brake, transmission fluids, antifreeze, coolant, other VOC, or hazardous waste containing materials;
- (14) Incinerator waste;
- (15) Poisons, infectious materials, or chemicals in any form (including but not limited to medical scrap fertilizers); and
- (16) Scrap that contains hazardous waste;
- (17) Mylar-like material; foil-like, light weight that can become airborne.
- (18) Ferrous materials, including ELVs.

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

[Plan Approval 37-00341B]

005 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The total amount of all aluminum processed by Source ID 102 shall not exceed 100,000 tons in any twelve consecutive month period.

[Plan Approval 37-00341B]

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.**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

At a minimum, the permittee shall keep daily records for Source ID 102 primary shredder as follows:

- (a) Hours of operations of the primary shredder;
- (b) Motor amps of the primary shredder;
- (c) Water flow rate (gpd).

[Plan Approval 37-00341B]

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall record the net tons of material processed through Source ID 102 on a monthly and 12 consecutive month period.

[Plan Approval 37-00341B]

008 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

All records shall be maintained on site for a minimum of 5 years and shall be made available to the DEP upon request.

[Plan Approval 37-00341B]

009 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall perform and record monthly periodic inspections of the water injection spray system and nozzles (C102A). The permittee shall record each inspection of the water injection spray system and nozzles including date of each inspection, maintenance, and any corrective actions taken.

[Plan Approval 37-00341B]

010 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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

The permittee shall maintain onsite copies of the manufacturer specifications and the facility's standard operating and maintenance procedures for Source ID 102 primary shredder and C102A water injection system.

[Plan Approval 37-00341B]

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).

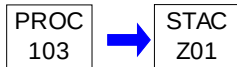
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103

Source Name: MAGNETIC SEPARATOR

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

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.

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 D. Source Level Plan Approval Requirements**

Source ID: 104

Source Name: CONVEYORS

Source Capacity/Throughput:

N/A

PROC
104STAC
Z01**I. RESTRICTIONS.**

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

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.

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.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall be required to install a cover on the polishing machine conveyors that transfer material into the Non-Ferrous Building if deemed necessary by the DEP after initial and ongoing operations.

[Plan Approval 37-00341B]

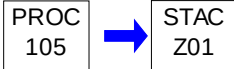
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 105

Source Name: STOCKPILES

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

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.**# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) All equipment used to stockpile or transfer material to or from stockpiles shall maintain a minimal amount of drop height at all times to prevent fugitive emissions.

(b) Stockpiles shall be kept as compact as possible to limit exposure to the wind. Material shall be stockpiled in such a manner that it may be adequately wetted as necessary to control fugitive emissions.

[Plan Approval 37-00341B]

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**

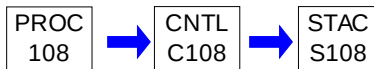
Source ID: 108

Source Name: DIDION POLISHING MACHINE

Source Capacity/Throughput:

50.000 Tons/HR

ALUMINUM

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

(a) Subsections (b) and (c) apply to all processes except combustion units, incinerators and pulp mill smelt dissolving tanks.

(b) [Not applicable]

(c) For processes not listed in subsection (b)(1), including but not limited to, coke oven battery waste heat stacks and autogeneous zinc coker waste heat stacks, the following shall apply:

(1) Prohibited emissions. No person may permit the emission into the outdoor atmosphere of particulate matter from any process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds any of the following:

(i) .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

(ii) - (iii) [Not applicable]

(2) [Not applicable].

(d) [Not applicable]

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall not operate the Didion Polishing Machine (Source 108) unless the Fabric Collector (C108) is working properly and operating concurrently.

[Plan Approval 37-00341B]

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

All material shall be processed by Source 102 (primary shredder) prior to being processed by Source 108 Didion Polishing Machine.

[Plan Approval 37-00341B]

II. TESTING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Within 120 days after the issuance of this Plan Approval, a stack test shall be performed on Source ID C108: Fabric Collector in accordance with the provisions of Chapter 139 (relating to sampling and testing) of the Rules and Regulations of the Department of Environmental Protection. The stack test shall be conducted as specified in 'Source Level Restrictions: DIDION POLISHING MACHINE' Subsection II 'TESTING REQUIREMENTS' Condition #006 of Plan Approval 37-00341B for

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

the following pollutants.

- PM, and
- PM-10

[Plan Approval 37-00341B]

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[The Source Testing Manual is PA DEP document number 274-0300-002. A copy can be obtained at this web address: <https://greenport.pa.gov/elibrary/GetFolder?FolderID=4575>]

(a) At least 90 calendar days prior to commencing an emissions testing program, a test protocol shall be submitted to the Department for review and approval in accordance with paragraph (i) of this condition. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) When testing of a source is required on a recurring basis, a single procedural protocol may be submitted for approval; thereafter, a letter, submitted at least 90 calendar days prior to commencing an emissions testing program, referencing the previously approved procedural protocol is sufficient if the letter is approved by the Department. The letter shall be submitted as required in paragraph (a).

If modifications are made to the process(es) or if a different stack testing company is used or if an applicable section of the stack test manual has been revised since the previous approval, a new protocol is required to be submitted for approval.

(c) Pursuant to 25 Pa. Code §§ 139.53(a)(1) and 139.53(a)(3):

(1) Submittals pertaining to emissions testing, specifically test protocols and test reports, shall be made by emailing electronic copies submissions to both PSIMS Administration in Central Office and to the Regional Office AQ Program at the following e-mail addresses:

CENTRAL OFFICE:
RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:
RA-EPNWstacktesting@pa.gov

(2) The notifications of emissions testing dates shall be submitted directly to:

(i) the DEP's OnBase electronic upload website where it will be forwarded to the Northwest Regional Office Air Quality Inspector. Upload the written notification at this web address:

<https://www.pa.gov/agencies/dep/data-and-tools/onbase-electronic-forms-upload.html>

(ii) IF the Protocol Reviewer at Central Office Division of Source Testing requested a copy of the notification, then submit a copy to the email address provided by the protocol reviewer.

(d) At least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Department in accordance with paragraph (c) of this condition. Notification shall not be made and testing shall not proceed without prior receipt of a Protocol Acceptance letter from the Department.

(e) If the proposed testing did not occur per the required notification in paragraph (d) above, an electronic notification shall be sent within 15 calendar days after the expected completion date of the onsite testing to the Department, in accordance with paragraph (c) of this condition, indicating why the proposed completion date of the on-site testing was not adhered to.

(f) A complete test report shall be submitted to the Department no later than 60 calendar days after completion of the onsite testing portion of an emission test program.

(g) A complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or non-compliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

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

(1) A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.

(2) Permit number(s) and condition(s) which are the basis for the evaluation.

(3) Summary of results with respect to each applicable permit condition.

(4) Statement of compliance or non-compliance with each applicable permit condition.

(h) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(i) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(j) The permittee shall ensure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

(k) Actions Related to Noncompliance Demonstrated by a Stack Test:

(1) If the results of a stack test, performed as required by this permit, exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. Within 30 days of the Permittee receiving the stack test results, a written description of the corrective actions shall be submitted to the Department. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. The Department shall notify the Permittee within 30 days, if the corrective actions taken are deficient. Within 30 days of receipt of the notice of deficiency, the Permittee shall submit a description of additional corrective actions to the Department. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(2) If the results of the required stack test exceed any limit defined in this permit, the test was not performed in accordance with the stack test protocol or the source and/or air cleaning device was not operated in accordance with the permit, then another stack test shall be performed to determine compliance. Within 120 days of the Permittee receiving the original stack test results, a retest shall be performed. The Department may extend the retesting deadline if the Permittee demonstrates, to the Department's satisfaction, that retesting within 120 days is not practicable.

(l) REPEAT STACK TESTING CONDITION:

If the permittee installs a BLDS as described in the work practice section, and the initial stack testing indicates compliance, no repeat stack testing is required. Otherwise, the permittee must conduct repeat the same testing described above, 12 to 18 months prior to the operating permit expiration date.

[Plan Approval 37-00341B]

III. MONITORING REQUIREMENTS.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall install, operate, and maintain a manometer or similar device to measure pressure drop across the control device.

(b) The permittee shall monitor the pressure drop across the control device at least once weekly, each week that the source and control device are in operation.

(c) The permittee shall install, operate, and maintain a baghouse leak detection system (BLDS) on the Source 108 baghouse.

(d) The permittee shall monitor the output of the BLDS daily, to ensure it is operating within the proper pre-set range.

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

(e) A minimum of once per week, during daylight hours, when the source and control device are in operation, the permittee shall monitor the stack exhausting from the control device C108 for the presence of visible emissions.

[Plan Approval 37-00341B]

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

At a minimum, the permittee shall keep records for Source 108 as follows:

- (a) Hours of operation of the polishing unit on a daily basis;
- (b) Net tons of material processed through Source 108 on a monthly and 12 consecutive month period.
- (c) The permittee shall record the following operational data from the air cleaning device (these records may be created with stripchart recorders, data acquisition systems, or manual log entries):
 - 1. Pressure drop across the fabric filters – daily, defined as once per calendar day
 - 2. Visible emission check – daily, defined as once per calendar day
 - 3. Baghouse leak detection system status – daily, defined as once per calendar day
 - 4. The fabric filters airflow or fan amperage/frequency – daily, defined as once per calendar day

Manual log entries shall include the following:

- 1. Time and date of observation
- 2. Name, title, and signature of the person making the observation
- 3. Any corrective action taken as result of the observation

[Plan Approval 37-00341B]

008 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall maintain a record of all preventative maintenance inspections of the fabric collector (C108). The records shall contain dates of inspections, any problems or defects, actions taken to correct the problems or defects, any routine maintenance performed, the pressure drop across the control device, and triboelectric readouts.

[Plan Approval 37-00341B]

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.**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- (a) The permittee shall perform a daily preventative maintenance inspection of the control device.
- (b) The permittee shall maintain and operate a baghouse leak detection system (BLDS). The BLDS must be equipped with an alarm system that will alert an operator automatically when an increase in relative PM emissions over a preset level is detected. The alarm must be located such that the alert is detected and recognized easily by an operator. The system shall sound an alarm if a leak is detected.
- (c) The permittee shall maintain and operate the source and control device in a manner consistent with good operating practices and in accordance with the manufacturer's specifications.

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

(d) The permittee shall maintain a minimum of 35 baghouse replacement filters onsite at all times.

(e) The permittee shall adhere to the air cleaning device's approved indicator ranges so that operation within the range shall provide reasonable assurance of compliance.

The indicator ranges must be approved by the Department. The following indicator ranges shall be determined during the initial performance test or any subsequent Department approved performance tests unless otherwise stated:

1. The permittee shall develop an indicator range for airflow, measured as fan amperage or frequency, during their most recent department approved stack testing program.
2. The permittee shall develop a maximum and minimum pressure drop indicator range, as measured across the baghouse filtration media.
3. Baghouse leak detection system status/indicator range.

The pressure differential range, and BLDS status/indicator range, as approved by DEP, shall be incorporated into the facility's operating permit.

(f) Within 24-hours of discovery of a pressure differential reading and/or BLDS value outside of the approved ranges, the permittee shall perform a maintenance inspection on the control device and take corrective action.

(g) In the event of more than one documented excursions outside the approved ranges in any calendar quarter the permittee shall submit a corrective measure plan to the Department within 60-days of the end of the calendar quarter. Corrective measures may include an increase of the frequency of required preventative maintenance inspections of the control device, a modification of the operating ranges, or other appropriate action as approved by the DEP on a case-by-case basis.

(h) Upon approval of the corrective measure plan by the DEP, the permittee shall implement the corrective measures in the timeframe approved by the DEP.

(i) The permittee may develop a new pressure drop range and/or BLDS indicator range with a supported request which is reviewed and approved by the DEP. The DEP, at its discretion, may approve or deny a request to adjust the required indicator ranges.

(j) The permittee shall utilize approved QA/QC practices that are adequate to ensure continuing validity of data and proper performance of the air cleaning device.

1. The permittee shall maintain detectors or sensors at appropriate locations for obtaining data that is representative of the monitored indicator.
2. The permittee shall maintain verification procedures to confirm that the operational status of the monitoring devices is within the expected range. (Operational status pertains to the accuracy of the measured values.)
3. For QA/QC purposes, the permittee shall calibrate and check the accuracy of the monitoring equipment, according to the manufacturer's recommended procedures.

[Plan Approval 37-00341B]

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. Source Group Plan Approval Restrictions.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.



SECTION G. Emission Restriction Summary.

Source Id	Source Description
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Site Emission Restriction Summary

Emission Limit	Pollutant
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**SECTION H. Miscellaneous.**

(a) The Capacity/Throughput numbers listed in Section A, the Site Inventory List, and provided in Section D of this permit for individual sources are for informational purposes only and are not to be considered enforceable limits. Enforceable limits are listed in the Restrictions section in Section C (i.e., facility-wide).

(b) For the purposes of this Plan Approval, Source ID 104 (Conveyors) consists of the following:

1. Raw feed conveyor to primary shredder (Source ID 102).
2. Conveyor from primary shredder (Source ID 102) to magnetic separator (Source ID 103).
3. Conveyor from magnetic separator (Source ID 103) to stockpiles.
4. 2 Conveyors from polishing machine (Source ID 108) into nonferrous building.

(c) For the purposes of this Plan Approval, Source ID 105 (Stockpiles) consists of the following:

1. Raw general scrap stockpiles.
2. Raw aluminum stockpiles.
3. Aluminum bales.
4. Processed pre-shredder aluminum stockpile.
5. 2 stockpiles after magnetic separator (aluminum pieces and magnetic pieces).
6. 2 stockpiles after aluminum polishing machine and separation process (larger aluminum pieces and smaller aluminum pieces).



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