



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: April 24, 2025

Effective Date: April 24, 2025

Expiration Date: October 31, 2026

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. 10-00288A

Federal Tax Id - Plant Code: 81-3931641-1

Owner Information

Name: EVERGREEN METALLURGICAL LLC

Mailing Address: 679 E BUTLER RD  
BUTLER, PA 16002-9127

Plant Information

Plant: EVERGREEN METALLURGICAL BUTLER FAC

Location: 10 Butler County 10949 Summit Township

SIC Code: 3313 Manufacturing - Electrometallurgical Products

Responsible Official

Name: JANICE PAKOZDI-LUFFY

Title: GENERAL MGR

Phone: (724) 431 - 2767

Email: Janice.Pakozdi@bearmet.com

Plan Approval Contact Person

Name: JANICE PAKOZDI-LUFFY

Title: GENERAL MGR

Phone: (724) 431 - 2767

Email: Janice.Pakozdi@bearmet.com

[Signature] \_\_\_\_\_

LORI L. MCNABB, NORTHWEST REGION AIR PROGRAM MANAGER



#### Plan Approval Description

The Department hereby issues plan approval 10-00288A to Evergreen Metallurgical LLC for the installation and initial operation of a Chrome and Ferro Alloy Product Line, a Chrome and Ferro Alloy Co-Product Line, and their associated bag house control devices. This plan approval also authorizes the modification of Sources 101 and 102 to process both ferrous and chrome metal alloys. This facility is located at 679 East Butler Road in Butler PA 16002 (North 79° 52' 4", West 40° 52' 7") in Summit Township, Butler County.



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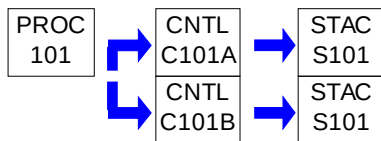
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**SECTION A. Plan Approval Inventory List**

| Source ID | Source Name                                          | Capacity/Throughput | Fuel/Material |
|-----------|------------------------------------------------------|---------------------|---------------|
| 101       | CHROME AND FERRO ALLOY PRODUCT LINE 1                |                     |               |
| 102       | CHROME AND FERRO ALLOY CO-PRODUCT LINE 1             |                     |               |
| 201       | CHROME AND FERRO ALLOY PRODUCT LINE 2                |                     |               |
| 202       | CHROME AND FERRO ALLOY CO-PRODUCT LINE 2             |                     |               |
| C101A     | CHROME AND FERRO ALLOY PRODUCT LINE 1<br>BAGHOUSE    |                     |               |
| C101B     | CHROME AND FERRO ALLOY PRODUCT LINE 1<br>BAGHOUSE    |                     |               |
| C102      | CHROME AND FERRO ALLOY CO-PRODUCT LINE 1<br>BAGHOUSE |                     |               |
| C201      | CHROME AND FERRO ALLOY PRODUCT LINE 2<br>BAGHOUSE    |                     |               |
| C202      | CHROME AND FERRO ALLOY CO-PRODUCT LINE 2<br>BAGHOUSE |                     |               |
| S101      | STACK FOR CHROME PRODUCT LINE 1                      |                     |               |
| S102      | STACK FOR CHROME CO-PRODUCT LINE 1                   |                     |               |
| S201      | STACK FOR CHROME PRODUCT LINE 2                      |                     |               |
| S202      | STACK FOR CHROME CO-PRODUCT LINE 2                   |                     |               |

**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 § 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.

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.

#### # 001 [25 Pa. Code §127.12b]

##### Plan approval terms and conditions.

- a) All records required must be maintained onsite for a minimum of 5 years and may be maintained in electronic format.
- b) The owner or operator of the facility shall generate and maintain records that clearly demonstrate to the Department that the facility is in compliance with all emission limitations. At a minimum, the records shall be maintained on a bi-weekly basis, and the actual emissions shall be calculated on a 12-month rolling sum. The Department reserves the right to request additional information necessary to determine compliance with the plan approval.
- c) All manually generated log entries used to comply with the recordkeeping requirements of this plan approval 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
- e) The permittee shall maintain records of all preventative maintenance, repairs, and inspections performed on monitoring equipment, sources, and control devices. These records shall contain the following at a minimum:
  - 1) Time and date of the task
  - 2) Name, title, and initials of the person performing the task
  - 3) A detailed description of any maintenance / inspection / repair performed
  - 4) Any problems or defects found
  - 5) Any corrective action taken as result of the task

### V. REPORTING REQUIREMENTS.

#### # 002 [25 Pa. Code §127.12b]

##### Plan approval terms and conditions.

- a) The owner or operator shall notify the Department's Air Quality Program at 814-332-6940 during business hours or 800-541-2050 during non-business hours within twenty-four (24) hours of the discovery of any malfunction which results in, or may possibly be resulting in, the emission of air contaminants in excess of any applicable limitation specified herein. Following the telephone notification, a written notice must also be submitted to DEP as specified below.
  - 1) If the owner or operator is unable to provide notification by telephone to the appropriate Regional Office within twenty-four (24) hours of discovery of a malfunction due to a weekend or holiday, the notification shall be made to the Department by no later than 4 p.m. on the first business day for the Department following the weekend or holiday.
  - 2) Any malfunction that poses an imminent danger to the public health, safety, welfare, or environment shall be reported by telephone to the Department and the County Emergency Management Agency immediately after the discovery of an incident. The owner or operator shall submit a written report of instances of such malfunctions to the Department within three (3) business days of the telephone report.
  - 3) Unless otherwise required by this plan approval, any other malfunctions shall be reported to the Department, in writing, within five (5) business days of malfunction discovery.

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

b) The owner or operator shall notify the Department, in writing, no later than five (5) business days after the following activities:

- 1) Initial commencement date of construction of the source/control device(s) authorized under this plan approval.
- 2) Any lapse in construction activity of eighteen (18) months or more that may take place in between the initial and start-up dates.

**VI. WORK PRACTICE REQUIREMENTS.****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The permittee shall install, maintain, and operate sufficient instrumentation and monitoring equipment in order to comply with the recordkeeping requirements of this plan approval.
- b) A source may not operate without the full operational capacity of its associated control device(s).
- c) The permittee shall maintain and operate the source and control device in accordance with the manufacturer's specifications, the requirements of this plan approval, and in accordance with good air pollution control practices.
- d) Sources operating on backup power must also have their associated control device(s) operating on backup power.
- e) A facility-wide inspection shall be conducted at a minimum of once each day that the facility is operated. The facility-wide inspection shall be conducted for the presence of the following:
  - 1) Fugitive emissions
  - 2) Potentially objectionable odors at the property line
  - 3) These observations are to ensure continued compliance with fugitive emissions prohibited under 25 Pa. Code §123.1 or §123.2 and malodors prohibited under 25 Pa. Code §123.31. All observations shall be conducted while the sources are in operation and recorded in a log. If fugitive emissions or potentially objectionable odors are apparent, the Owner/Operator shall take corrective action and record those actions in the log.

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

- a) Any information required to be submitted as part of this plan approval should be submitted to the attention of New Source Review Section Chief, Air Quality Program, Northwest Regional Office, 230 Chestnut Street, Meadville, PA 16335.
- b) Issuance of an Operating Permit or incorporation of a plan approval into a current Operating Permit is contingent upon satisfactory compliance with the plan approval conditions, upon the source and control device being installed and operated as stated within the application, and upon satisfactory demonstration that the emissions from the source will not be in violation of applicable Rules and Regulations of the Department.
- c) If at any time the Department has reason to believe that the air contaminant emissions are, or may be, in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct such stack tests or source tests requested by the Department to determine the actual air contaminant emission rate. The owner or operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the owner or operator is notified, in writing, of the need to conduct testing.
- d) The permittee will perform additional testing via a third party when the Department conducts an inspection of the facility and subsequently determines that additional testing is warranted.
- e) The permittee shall install additional emission control devices when the Department conducts an inspection of the facility and subsequently determines that additional controls are warranted.



## SECTION C. Site Level Plan Approval Requirements

f) All requirements of the current operating permit (10-00288 issued by the Department on September 30, 2021, Authorization # 1397778) remain in effect, as applicable, unless modified by this plan approval. The conditions of this plan approval supersede the conditions of previous authorizations.

g) Some monitoring, work practice, and record keeping requirements of this plan approval require the control device to be in operation and are therefore applicable only when the control device/source is in operation.

### 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.

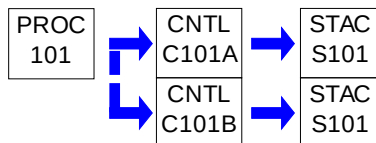
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 101

Source Name: CHROME AND FERRO ALLOY PRODUCT LINE 1

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ALLOY BAGHOUSES

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

a) Emissions from the source shall not exceed:

(1) NO<sub>x</sub>: 46.91 lbs/hr, 48.78tpy (12 month rolling total)

(2) TSP: 0.97 lbs/hr, 4.27 tpy (filterable plus condensable)

b) Total particulate matter emissions (combined filterable and condensable) in the exhaust of the control device shall not exceed 0.0024 grains per dry standard cubic foot of effluent gas.

c) Visible emissions from the exhaust stack shall not exceed 10% opacity.

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

a) Within 60 days of achieving the source's normal production rate but no later than one hundred and eighty (180) days after startup, the permittee shall perform stack testing of the source/control device to determine the following emission rates:

(1) Total Suspended Particulate (gr/dscf, lb/hr, tpy including filterable and condensable)

(2) NO<sub>x</sub>: (lbs/hr, tpy)

Testing shall occur when the source is operating at its maximum achievable production rate. Stack testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

b) One electronic copy of all source test submissions (notifications, protocols, reports, supplemental information, etc.) shall be sent to both PSIMS Administration in Central Office and to Regional Office AQ Program Manager.

Electronic copies shall be sent to the following e-mail addresses:

CENTRAL OFFICE:

RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:

RA-EPNWstacktesting@pa.gov

c) At least 90 days prior to performing a stack test, a protocol shall be submitted in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. Submit the protocol via the instructions in b). The protocol shall contain, at a minimum, location of sampling ports, planned production rates, and any other information applicable to the stack testing. Performing a stack test prior to Department approval of the protocol may invalidate the results.

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

- d) At least 2 weeks prior to the test, the Department shall be informed, in writing, of the date and time of the test.
- e) Within 60 days after completion of the test, the complete test report, including, but not limited to, production rates during testing, calculation methods and results, and any other applicable testing information that will allow for a complete review of the test and results, shall be submitted to the Department for approval. Submit the report via the instructions in b).
- f) Actions Related to Noncompliance Demonstrated by a Stack Test:
- (1) When the results of a stack test performed in conformance with this Condition exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to the Department, within thirty (30) days of receipt of the test results. 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 thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to the Department within thirty (30) days of receipt of the notice of deficiency. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (2) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to the Department that retesting in one hundred and twenty (120) days is not practicable, the Department may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate approval conditions may be grounds for immediate revocation of the approval to operate the affected facility.
- g) If, at any time, the Department has reason to believe that the air contaminant emissions from the source are, or may be, in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct stack tests as are deemed necessary by the Department to determine the actual air contaminant emission rate. The owner or operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the owner or operator is notified, in writing, of the need to conduct testing.
- h) Within twelve (12) to eighteen (18) months prior to the expiration of the facility operating permit, a stack test shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection and Conditions (a)-(g) above.

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval 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) and/or Section E (Source Group Restrictions).

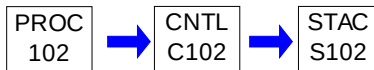
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 102

Source Name: CHROME AND FERRO ALLOY CO-PRODUCT LINE 1

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ALLOY BAGHOUSES

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

a) Emissions from the source shall not exceed:

(1) TSP: 0.75 lbs/hr, 3.29 tpy (filterable plus condensable)

b) Total particulate matter emissions (combined filterable and condensable) in the exhaust of the control device shall not exceed 0.0025 grains per dry standard cubic foot of effluent gas.

c) Visible emissions from the exhaust stack shall not exceed 10% opacity.

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

a) Within 60 days of achieving the source's normal production rate but no later than one hundred and eighty (180) days after startup, the permittee shall perform stack testing of the source/control device to determine the following emission rates:

(1) Total Suspended Particulate (gr/dscf, lb/hr, tpy including filterable and condensable)

Testing shall occur when the source is operating at its maximum achievable production rate. Stack testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

b) One electronic copy of all source test submissions (notifications, protocols, reports, supplemental information, etc.) shall be sent to both PSIMS Administration in Central Office and to Regional Office AQ Program Manager.

Electronic copies shall be sent to the following e-mail addresses:

CENTRAL OFFICE:

RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:

RA-EPNWstacktesting@pa.gov

c) At least 90 days prior to performing a stack test, a protocol shall be submitted in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. Submit the protocol via the instructions in b). The protocol shall contain, at a minimum, location of sampling ports, planned production rates, and any other information applicable to the stack testing. Performing a stack test prior to Department approval of the protocol may invalidate the results.

d) At least 2 weeks prior to the test, the Department shall be informed, in writing, of the date and time of the test.

e) Within 60 days after completion of the test, the complete test report, including, but not limited to, production rates during testing, calculation methods and results, and any other applicable testing information that will allow for a complete review of the test and results, shall be submitted to the Department for approval. Submit the report via the instructions in b).

**SECTION D. Source Level Plan Approval Requirements****f) Actions Related to Noncompliance Demonstrated by a Stack Test:**

(1) When the results of a stack test performed in conformance with this Condition exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to the Department, within thirty (30) days of receipt of the test results. 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 thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to the Department within thirty (30) days of receipt of the notice of deficiency. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(2) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to the Department that retesting in one hundred and twenty (120) days is not practicable, the Department may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate approval conditions may be grounds for immediate revocation of the approval to operate the affected facility.

g) If, at any time, the Department has reason to believe that the air contaminant emissions from the source are, or may be, in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct stack tests as are deemed necessary by the Department to determine the actual air contaminant emission rate. The owner or operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the owner or operator is notified, in writing, of the need to conduct testing.

h) Within twelve (12) to eighteen (18) months prior to the expiration of the facility operating permit, a stack test shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection and Conditions (a)-(g) above.

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

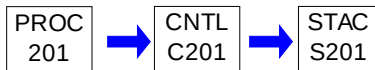
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 201

Source Name: CHROME AND FERRO ALLOY PRODUCT LINE 2

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ALLOY BAGHOUSES

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

a) Emissions from the source shall not exceed:

(1) NOx: 46.91 lbs/hr, 48.78tpy (12 month rolling total)

(2) TSP: 0.86 lbs/hr, 3.75 tpy (filterable plus condensable)

b) Total particulate matter emissions (combined filterable and condensable) in the exhaust of the control device shall not exceed 0.002 grains per dry standard cubic foot of effluent gas.

c) Visible emissions from the exhaust stack shall not exceed 10% opacity.

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

a) Within 60 days of achieving the source's normal production rate but no later than one hundred and eighty (180) days after startup, the permittee shall perform stack testing of the source/control device to determine the following emission rates:

(1) Total Suspended Particulate (gr/dscf, lb/hr, tpy including filterable and condensable)

(2) NOx: (lbs/hr, tpy)

Testing shall occur when the source is operating at its maximum achievable production rate. Stack testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

b) One electronic copy of all source test submissions (notifications, protocols, reports, supplemental information, etc.) shall be sent to both PSIMS Administration in Central Office and to Regional Office AQ Program Manager.

Electronic copies shall be sent to the following e-mail addresses:

CENTRAL OFFICE:

RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:

RA-EPNWstacktesting@pa.gov

c) At least 90 days prior to performing a stack test, a protocol shall be submitted in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. Submit the protocol via the instructions in b). The protocol shall contain, at a minimum, location of sampling ports, planned production rates, and any other information applicable to the stack testing. Performing a stack test prior to Department approval of the protocol may invalidate the results.

d) At least 2 weeks prior to the test, the Department shall be informed, in writing, of the date and time of the test.

e) Within 60 days after completion of the test, the complete test report, including, but not limited to, production rates during

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

testing, calculation methods and results, and any other applicable testing information that will allow for a complete review of the test and results, shall be submitted to the Department for approval. Submit the report via the instructions in b).

f) Actions Related to Noncompliance Demonstrated by a Stack Test:

(1) When the results of a stack test performed in conformance with this Condition exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to the Department, within thirty (30) days of receipt of the test results. 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 thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to the Department within thirty (30) days of receipt of the notice of deficiency. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(2) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to the Department that retesting in one hundred and twenty (120) days is not practicable, the Department may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate approval conditions may be grounds for immediate revocation of the approval to operate the affected facility.

g) If, at any time, the Department has reason to believe that the air contaminant emissions from the source are, or may be, in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct stack tests as are deemed necessary by the Department to determine the actual air contaminant emission rate. The owner or operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the owner or operator is notified, in writing, of the need to conduct testing.

h) Within twelve (12) to eighteen (18) months prior to the expiration of the facility operating permit, a stack test shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection and Conditions (a)-(g) above.

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).



## SECTION D. Source Level Plan Approval 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) and/or Section E (Source Group Restrictions).

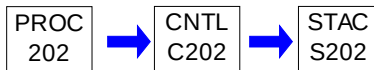
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 202

Source Name: CHROME AND FERRO ALLOY CO-PRODUCT LINE 2

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ALLOY BAGHOUSES

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

a) Emissions from the source shall not exceed:

(1) TSP: 0.86 lbs/hr, 3.75 tpy (filterable plus condensable)

b) Total particulate matter emissions (combined filterable and condensable) in the exhaust of the control device shall not exceed 0.002 grains per dry standard cubic foot of effluent gas.

c) Visible emissions from the exhaust stack shall not exceed 10% opacity.

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

a) Within 60 days of achieving the source's normal production rate but no later than one hundred and eighty (180) days after startup, the permittee shall perform stack testing of the source/control device to determine the following emission rates:

(1) Total Suspended Particulate (gr/dscf, lb/hr, tpy including filterable and condensable)

Testing shall occur when the source is operating at its maximum achievable production rate. Stack testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

b) One electronic copy of all source test submissions (notifications, protocols, reports, supplemental information, etc.) shall be sent to both PSIMS Administration in Central Office and to Regional Office AQ Program Manager.

Electronic copies shall be sent to the following e-mail addresses:

CENTRAL OFFICE:

RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:

RA-EPNWstacktesting@pa.gov

c) At least 90 days prior to performing a stack test, a protocol shall be submitted in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. Submit the protocol via the instructions in b). The protocol shall contain, at a minimum, location of sampling ports, planned production rates, and any other information applicable to the stack testing. Performing a stack test prior to Department approval of the protocol may invalidate the results.

d) At least 2 weeks prior to the test, the Department shall be informed, in writing, of the date and time of the test.

e) Within 60 days after completion of the test, the complete test report, including, but not limited to, production rates during testing, calculation methods and results, and any other applicable testing information that will allow for a complete review of the test and results, shall be submitted to the Department for approval. Submit the report via the instructions in b).

**SECTION D. Source Level Plan Approval Requirements****f) Actions Related to Noncompliance Demonstrated by a Stack Test:**

(1) When the results of a stack test performed in conformance with this Condition exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to the Department, within thirty (30) days of receipt of the test results. 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 thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to the Department within thirty (30) days of receipt of the notice of deficiency. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(2) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to the Department that retesting in one hundred and twenty (120) days is not practicable, the Department may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate approval conditions may be grounds for immediate revocation of the approval to operate the affected facility.

g) If, at any time, the Department has reason to believe that the air contaminant emissions from the source are, or may be, in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct stack tests as are deemed necessary by the Department to determine the actual air contaminant emission rate. The owner or operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the owner or operator is notified, in writing, of the need to conduct testing.

h) Within twelve (12) to eighteen (18) months prior to the expiration of the facility operating permit, a stack test shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection and Conditions (a)-(g) above.

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**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) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: ALLOY BAGHOUSES

Group Description: Sources controlled by baghouses

**Sources included in this group**

| ID  | Name                                     |
|-----|------------------------------------------|
| 101 | CHROME AND FERRO ALLOY PRODUCT LINE 1    |
| 102 | CHROME AND FERRO ALLOY CO-PRODUCT LINE 1 |
| 201 | CHROME AND FERRO ALLOY PRODUCT LINE 2    |
| 202 | CHROME AND FERRO ALLOY CO-PRODUCT LINE 2 |

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

a) The permittee shall adhere to the control device's approved indicator range 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 a maximum and minimum pressure drop indicator range, as measured across the baghouse filtration media
- (2) Triboelectric leak detection status/value

b) The permittee may develop a new indicator range with a detailed request which is reviewed and approved by the Department.

c) The Department, at its discretion, may approve or deny a request to adjust the required indicator ranges.

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

(1) The permittee shall maintain detectors or sensors at Department approved 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.

e) The permittee shall maintain all monitoring equipment and stock spare parts as necessary for routine onsite repairs.

f) The permittee shall ensure that at least 90% of the approved monitoring data has been properly and accurately collected.

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

a) The permittee shall record the following operational data from the control device (these records may be done with strip charts recorders, data acquisition systems, or manual log entries):

**SECTION E. Source Group Plan Approval Restrictions.**

- (1) Pressure drop across the baghouse (daily)
  - (2) Triboelectric leak detection system status/value (daily)
- b) The permittee shall maintain a quarterly inventory of the number of spare filter cartridges/bags onsite.
- c) The permittee shall record all excursions from the specified operational parameters of the control devices, the corrective actions taken in response to an excursion, and the time elapsed until the corrective actions have been taken.
- d) The permittee shall maintain records of all monitoring downtime incidents (other than downtime associated with monitoring system checks). The permittee shall also record the dates, times and durations, probable causes and corrective actions taken for the incidents.
- e) The permittee shall maintain records of all preventative maintenance, repairs, and inspections performed on the sources, monitoring equipment, and control devices. These records shall contain the following at a minimum:
- (1) Time and date of the task
  - (2) Name, title, and initials of the person performing the task
  - (3) A detailed description any maintenance / inspection / repair performed
  - (4) Any problems or defects found
  - (5) Any corrective action taken as result of the task

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

- a) All gauges employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (+/- 2%) of full scale reading.
- b) The permittee shall maintain and operate the following:
- (1) A magnehelic gauge or equivalent to measure the pressure differential across the filter media.
  - (2) A triboelectric leak detection system. The system shall sound an alarm if a leak is detected.
- c) The permittee shall maintain and operate the source and control device in accordance with the manufacturer's specifications, the requirement's of this plan approval, and in accordance with good air pollution control practices.
- d) A copy of the control device manufacturer's operational and maintenance literature shall be maintained onsite at all times and shall be readily available.
- e) The permittee shall perform preventative maintenance inspections of the control device including, but not limited to, the following:
- (1) An annual visual inspection of the control device interior for dislodged filter media, filter media wear, and dust build-up inside the control device.
  - (2) A daily inspection of the control device effluent for the presence of visible emissions,
  - (3) A daily reading and recording of the pressure differential across the filter media,
  - (4) A daily reading and recording of the triboelectric leak detection system status/value,
  - (5) All manufacturer recommended maintenance activities which shall be performed on the control device at the frequency recommended by the manufacturer.
- f) The owner or operator shall keep a sufficient quantity of spare cartridges/bags, at a minimum of 20% of the total number of cartridges/bags, on hand for immediate replacement.

**SECTION E. Source Group Plan Approval Restrictions.****VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

a) The permittee shall develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable within 60 days if any of the following occurs:

(1) For properly and accurately collected data, accumulated excursions exceeding two percent (2%) of the data.

(2) Six (6) excursions occur in a six (6) month reporting period.

(3) The Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.

b) The permittee shall provide a copy of the QIP to the Department once it is developed. The permittee shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.

c) The permittee shall record actions taken to implement a QIP. These records shall contain all related actions including, but not limited to inspections, repairs, and maintenance performed on the monitoring equipment.

d) The QIP shall include procedures for evaluating control performance problems. Based on the results of the evaluation procedures, the permittee shall modify the QIP and provide the Department with a copy, to include procedures for conducting more frequent, or improved, monitoring in conjunction with one or more of the following:

(1) Improved preventive maintenance practices

(2) Process operation changes

(3) Appropriate improvements to the control methods

(4) Other steps appropriate to correct performance.

e) Following implementation of a QIP, the Department will require reasonable revisions to the QIP if the plan has failed to either:

(1) Address the cause of the control device performance problem.

(2) Provide adequate procedures for correcting control device performance problems in as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

f) Implementation of a QIP, shall not excuse the permittee from compliance with any existing emission limitation or standard or any existing monitoring, testing, reporting or recordkeeping requirements that may apply under any federal, state, or local laws or any other applicable requirements under the Clean Air Act.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

| Source Id      | Source Description                       |                             |     |
|----------------|------------------------------------------|-----------------------------|-----|
| 101            | CHROME AND FERRO ALLOY PRODUCT LINE 1    |                             |     |
| Emission Limit |                                          | Pollutant                   |     |
| 46.910         | Lbs/Hr                                   |                             | NOX |
| 48.780         | Tons/Yr                                  | 12 month rolling total      | NOX |
| 0.002          | gr/DRY FT3                               | filterable plus condensable | TSP |
| 0.970          | Lbs/Hr                                   | filterable plus condensable | TSP |
| 4.270          | Tons/Yr                                  | filterable plus condensable | TSP |
| 102            | CHROME AND FERRO ALLOY CO-PRODUCT LINE 1 |                             |     |
| Emission Limit |                                          | Pollutant                   |     |
| 0.003          | gr/DRY FT3                               | filterable plus condensable | TSP |
| 0.750          | Lbs/Hr                                   | filterable plus condensable | TSP |
| 3.290          | Tons/Yr                                  | filterable plus condensable | TSP |
| 201            | CHROME AND FERRO ALLOY PRODUCT LINE 2    |                             |     |
| Emission Limit |                                          | Pollutant                   |     |
| 46.910         | Lbs/Hr                                   |                             | NOX |
| 48.780         | Tons/Yr                                  | 12 month rolling total      | NOX |
| 0.002          | gr/DRY FT3                               | filterable plus condensable | TSP |
| 0.860          | Lbs/Hr                                   | filterable plus condensable | TSP |
| 3.750          | Tons/Yr                                  | filterable plus condensable | TSP |
| 202            | CHROME AND FERRO ALLOY CO-PRODUCT LINE 2 |                             |     |
| Emission Limit |                                          | Pollutant                   |     |
| 0.002          | gr/DRY FT3                               | filterable plus condensable | TSP |
| 0.860          | Lbs/Hr                                   | filterable plus condensable | TSP |
| 3.750          | Tons/Yr                                  | filterable plus condensable | TSP |

**Site Emission Restriction Summary**

| Emission Limit | Pollutant |
|----------------|-----------|
|----------------|-----------|

**SECTION H. Miscellaneous.**

Section G, "Emission Restriction Summary" is a summary of the plan approval's emission restrictions. The summary is for convenience and does not represent the plan approval's actual emission restrictions. The values summarized may be rounded or may be otherwise inaccurate. The permittee must comply with the actual emission restrictions found in Sections B-F.



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

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