

ALLEGHENY COUNTY HEALTH DEPARTMENT



AIR QUALITY PROGRAM
301 39th Street, Bldg. #7
Pittsburgh, PA 15201-1891

Major Source *Title V Operating Permit*

<u>Issued To:</u>	Del Monte Corporation	<u>ACHD Permit #:</u>	0079
<u>Facility:</u>	Del Monte Corporation 1075 Progress Avenue Pittsburgh, PA 15212	<u>Date of Issuance:</u>	June 14, 2005
		<u>Expiration Date:</u>	June 13, 2010
		<u>Renewal Date:</u>	December 14, 2009

Issued By:


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AMENDMENTS:DATE: _____ SECTION: _____



I. CONTACT INFORMATION

Facility Location: **Del Monte Corporation**
1075 Progress Street
Pittsburgh, PA 15212

Permittee/Owner: **Del Monte Corporation**
1075 Progress Street
Pittsburgh, PA 15212

Permittee/Operator: (same as owner)
(if not Owner)

Responsible Official: **Gary Schoen**
Title: Director – Pittsburgh Plant
Company: Del Monte Corporation
Address: 1075 Progress Street
Pittsburgh, PA 15212

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Air Quality Program
301 39th Street, Building #7
Pittsburgh, PA 15201-1891

EPA Contact: **Enforcement Programs Section (3AP12)**
USEPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

II. FACILITY DESCRIPTION

[This section is provided for informational purposes only and is not intended to be an applicable requirement.]

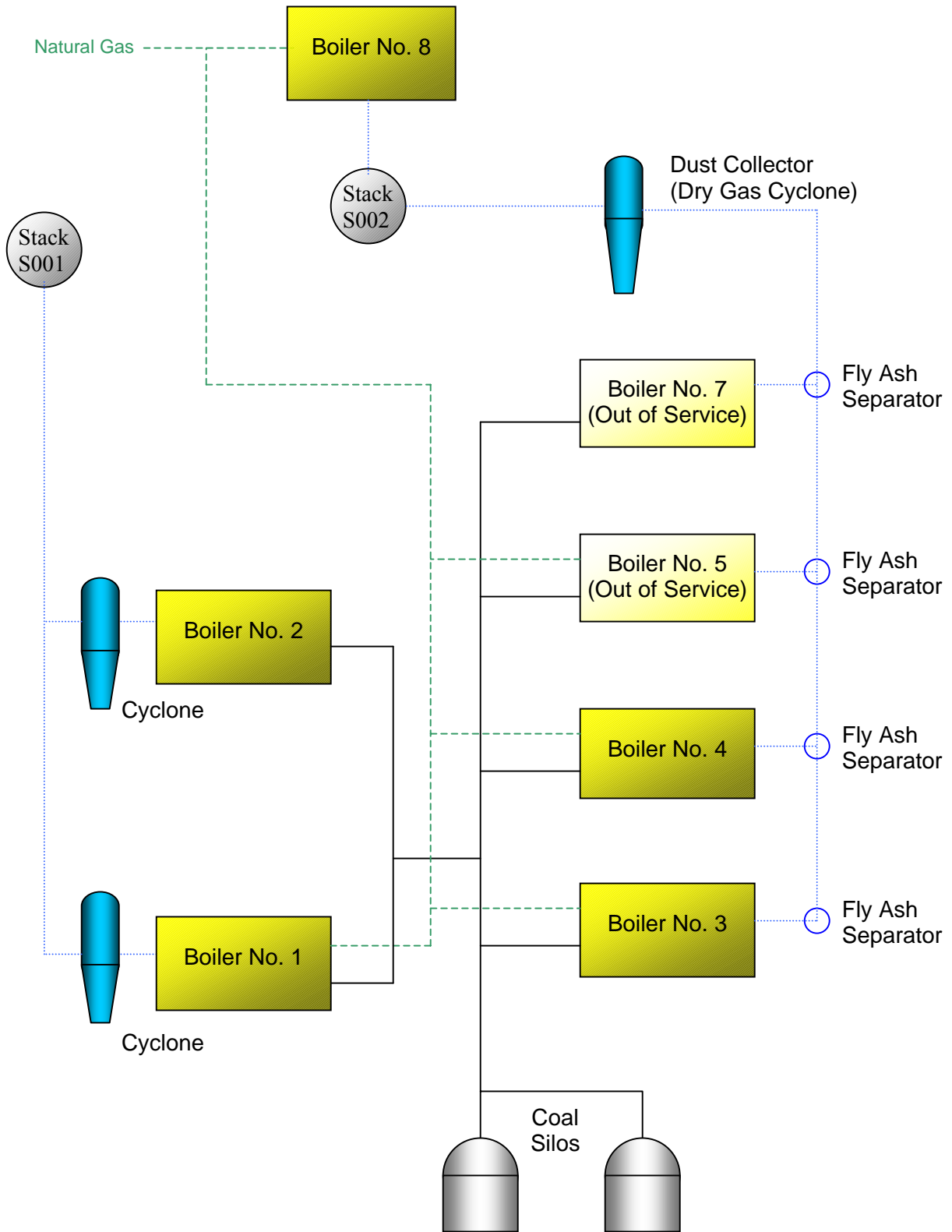
The Del Monte Foods facility in Pittsburgh is a manufacturing and packaging facility for baby foods and soups, along with other specialty foods. In addition to the production and packaging equipment, the facility has five (5) operating boilers, which provide steam to the facility. Four of these are coal and natural gas fired; the fifth is natural gas fired. The facility is a major source of Particulate Matter (PM), Particulate Matter <10 µm (PM₁₀), Nitrogen Oxides (NO_x), Sulfur Oxides (SO_x), Carbon Monoxide (CO), and Hydrochloric Acid (HCl).

The emission units regulated by this permit are summarized in Table II-1:

**TABLE II-1
Emission Unit Identification**

I.D.	SOURCE DESCRIPTION	CONTROL DEVICE(S)	MAXIMUM CAPACITY	FUEL/RAW MATERIAL	STACK I.D.
B001	#1 Boiler – Combustion Engineering Traveling Grate	C001 – dry gas cyclone	91 MMBtu/Hr	Bituminous Coal & Natural Gas	S001
B002	#2 Boiler – Combustion Engineering Traveling Grate	C002 – dry gas cyclone	91 MMBtu/Hr	Bituminous Coal	S001
B003	#3 Boiler – Babcock & Wilcox Traveling Grate	C003 – dry gas cyclone	61 MMBtu/Hr	Bituminous Coal & Natural Gas	S002
B004	#4 Boiler – Babcock & Wilcox Traveling Grate	C003 – dry gas cyclone	61 MMBtu/Hr	Bituminous Coal & Natural Gas	S002
B008	#8 Boiler – Zurn Industries N.G.-fired Package	Low NO _x Burners; Flue Gas Recirculation	180 MMBtu/hr	Natural Gas	S002

Boiler Exhaust Flow Diagram



DECLARATION OF POLICY

Pollution prevention is recognized as the preferred strategy (over pollution control) for reducing risk to air resources. Accordingly, pollution prevention measures should be integrated into air pollution control programs wherever possible, and the adoption by sources of cost-effective compliance strategies, incorporating pollution prevention, is encouraged. The Department will give expedited consideration to any permit modification request based on pollution prevention principles.

The permittee is subject to the terms and conditions set forth below. These terms and conditions constitute provisions of *Allegheny County Health Department Rules and Regulations, Article XXI Air Pollution Control*. The subject equipment has been conditionally approved for operation. The equipment shall be operated in conformity with the plans, specifications, conditions, and instructions which are part of your application, and may be periodically inspected for compliance by the Department. In the event that the terms and conditions of this permit or the applicable provisions of Article XXI conflict with the application for this permit, these terms and conditions and the applicable provisions of Article XXI shall prevail. Additionally, nothing in this permit relieves the permittee from the obligation to comply with all applicable Federal, State and Local laws and regulations.

III. GENERAL CONDITIONS - Major Source**1. Prohibition of Air Pollution (§2101.11)**

It shall be a violation of this permit to fail to comply with, or to cause or assist in the violation of, any requirement of this permit, or any order or permit issued pursuant to authority granted by Article XXI. The permittee shall not willfully, negligently, or through the failure to provide and operate necessary control equipment or to take necessary precautions, operate any source of air contaminants in such manner that emissions from such source:

- a. Exceed the amounts permitted by this permit or by any order or permit issued pursuant to Article XXI;
- b. Cause an exceedance of the ambient air quality standards established by Article XXI §2101.10; or
- c. May reasonably be anticipated to endanger the public health, safety, or welfare.

2. Definitions (§2101.20)

- a. Except as specifically provided in this permit, terms used retain the meaning accorded them under the applicable provisions and requirements of Article XXI. Whenever used in this permit, or in any action taken pursuant to this permit, the words and phrases shall have the meanings stated, unless the context clearly indicates otherwise.
- b. Unless specified otherwise in this permit or in the applicable regulation, the term “*year*” shall mean any twelve (12) consecutive months.
- c. “*RACT Order No. 211*” shall be defined as Plan Approval Order and Agreement No. 211 Upon Consent, dated March 8, 1996, and amended June 9, 2005.

3. Conditions (§2102.03.c)

It shall be a violation of this permit giving rise to the remedies provided by Article XXI §2109.02, for any person to fail to comply with any terms or conditions set forth in this permit.

4. Certification (§2102.01)

Any report, or compliance certification submitted under this permit shall contain written certification by a responsible official as to truth, accuracy, and completeness. This certification and any other certification required under this permit shall be signed by a responsible official of the source, and shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

5. Transfers (§2102.03.e)

This permit shall not be transferable from one person to another, except in accordance with Article XXI §2102.03.e and in cases of change-in-ownership which are documented to the satisfaction of the Department, and shall be valid only for the specific sources and equipment for which this permit was issued. The transfer of permits in the case of change-in-ownership may be made consistent with the administrative permit amendment procedure of Article XXI §2103.14.b The required documentation and fee must be received by the Department at least 30 days before the intended transfer date.

6. Term (§2103.12.e, §2103.13.a)

- a. This permit shall remain valid for five (5) years from the date of issuance, or such other shorter period if required by the Clean Air Act, unless revoked. The terms and conditions of an expired permit shall automatically continue pending issuance of a new operating permit provided the permittee has submitted a timely and complete application and paid applicable fees required under Article XXI Part C, and the Department through no fault of the permittee is unable to issue or deny a new permit before the expiration of the previous permit.
- b. Expiration. Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with the requirements of Article XXI Part C.

7. Need to Halt or Reduce Activity Not a Defense (§2103.12.f.2)

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

8. Property Rights (§2103.12.f.4)

This permit does not convey any property rights of any sort, or any exclusive privilege.

9. Duty to Provide Information (§2103.12.f.5)

- a. The permittee shall furnish to the Department in writing within a reasonable time, any information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.

- b. Upon request, the permittee shall also furnish to the Department copies of any records required to be kept by the permit.
- c. Upon cause shown by the permittee the records, reports, or information, or a particular portion thereof, claimed by the permittee to be confidential shall be submitted to the Department in accordance with the requirements of Article XXI, §2101.07.d.4. Information submitted to the Department under a claim of confidentiality, shall be available to the US EPA and the PADEP upon request and without restriction. Upon request of the permittee the confidential information may be submitted to the USEPA and PADEP directly. Emission data or any portions of any draft, proposed, or issued permits shall not be considered confidential.

10. Modification of Section 112(b) Pollutants which are VOC's or PM₁₀ (§2103.12.f.7)

Except where precluded under the Clean Air Act or federal regulations promulgated under the Clean Air Act, if this permit limits the emissions of VOC's or PM₁₀ but does not limit the emissions of any hazardous air pollutants, the mixture of hazardous air pollutants which are VOC's or PM₁₀ can be modified so long as no permit emission limitations are violated. A log of all mixtures and changes shall be kept and reported to the Department with the next report required after each change.

11. Right to Access (§2103.12.h.2)

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized Department and other federal, state, county, and local government representatives to:

- a. Enter upon the permittee's premises where a permitted source is located or an emissions-related activity is conducted, or where records are or should be kept under the conditions of the permit;
- b. Have access to, copy and remove, at reasonable times, any records that must be kept under the conditions of the permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- d. As authorized by either Article XXI or the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements.

12. Certification of Compliance (§2103.12.h.5, §2103.22.i.1)

- a. The permittee shall submit on an annual basis, certification of compliance with all terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification of compliance shall be made consistent with General Condition 4 above and shall include the following information at a minimum:
 - 1) The identification of each term or condition of the permit that is the basis of the certification;
 - 2) The compliance status;
 - 3) Whether any noncompliance was continuous or intermittent;
 - 4) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with the provisions of this permit; and
 - 5) Such other facts as the Department may require to determine the compliance status of the source.

- b. All certifications of compliance must be submitted to the Department by May 30 of each year for the time period beginning April 1 of the previous year and ending March 31 of the same year. The first report shall be due May 30, 2006 for the time period beginning on the issuance date of this permit through March 31, 2006.

13. Record Keeping Requirements (§2103.12.j.1)

- a. The permittee shall maintain records of required monitoring information that include the following:
 - 1) The date, place as defined in the permit, and time of sampling or measurements;
 - 2) The date(s) analyses were performed;
 - 3) The company or entity that performed the analyses;
 - 4) The analytical techniques or methods used;
 - 5) The results of such analyses; and
 - 6) The operating parameters existing at the time of sampling or measurement.
- b. The permittee shall maintain and make available to the Department, upon request, records including computerized records that may be necessary to comply with the reporting and emission statements in Article XXI §2108.01.e. Such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

14. Retention of Records (§2103.12.j.2)

The permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

15. Reporting Requirements (§2103.12.k)

- a. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the Responsible Official.
- b. Prompt reporting of deviations from permit requirements is required, including those attributable to upset conditions as defined in this permit and Article XXI §2108.01.c, the probable cause of such deviations, and any corrective actions or preventive measures taken.
- c. All reports submitted to the Department shall comply with the certification requirements of General Condition 4 above.
- d. Semiannual reports required by this permit shall be submitted to the Department as follows:
 - 1) One semiannual report is due by April 30 of each year for the time period beginning October 1 and ending March 31.
 - 2) One semiannual report is due by October 30 of each year for the time period beginning April

1 and ending September 30.

- 3) The first semiannual report shall be due October 30, 2005 for the time period beginning on the issuance date of this permit through September 30, 2005.

16. Severability Requirement (§2103.12.i)

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

17. Existing Source Reactivations (§2103.13.d)

The permittee shall not reactivate any source that has been out of operation or production for a period of one year or more unless the permittee has submitted a reactivation plan request to, and received a written reactivation plan approval from, the Department. Existing source reactivations shall meet all requirements of Article XXI §2103.13.d.

18. Administrative Permit Amendment Procedures (§2103.14.b, §2103.24.b)

An administrative permit amendment may be made consistent with the procedures of Article XXI §2103.14.b and §2103.24.b. Administrative permit amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder.

19. Revisions and Minor Permit Modification Procedures (§2103.14.c, §2103.24.a)

Sources may apply for revisions and minor permit modifications on an expedited basis in accordance with Article XXI §2103.14.c and §2103.24.a.

20. Significant Permit Modifications (§2103.14.d)

Significant permit modifications shall meet all requirements of the applicable subparts of Article XXI, Part C, including those for applications, fees, public participation, review by affected States, and review by EPA, as they apply to permit issuance and permit renewal. The approval of a significant permit modification, if the entire permit has been reopened for review, shall commence a new full five (5) year permit term. The Department shall take final action on all such permits within nine (9) months following receipt of a complete application.

21. Duty to Comply (§2103.12.f.1, §2103.22.g)

The permittee shall comply with all permit conditions and all other applicable requirements at all times. Any permit noncompliance constitutes a violation of the Clean Air Act, the Air Pollution Control Act, and Article XXI and is grounds for any and all enforcement action, including, but not limited to, permit termination, revocation and reissuance, or modification, and denial of a permit renewal application.

22. Renewals (§2103.13.b., §2103.23.a)

Renewal of this permit is subject to the same fees and procedural requirements, including those for public participation and affected State and EPA review, that apply to initial permit issuance. The application for renewal shall be submitted at least six (6) months but not more than eighteen (18) months prior to expiration of this permit. The application shall also include submission of a supplemental compliance review as required by Article XXI §2102.01.

23. Reopenings for Cause (§2103.15, §2103.25.a, §2103.12.f.3)

- a. This permit shall be reopened and reissued under any of the following circumstances:
- 1) Additional requirements under the Clean Air Act become applicable to a major source with a remaining permit term of three (3) or more years. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended solely due to the failure of the Department to act on a permit renewal application in a timely fashion.
 - 2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit.
 - 3) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
 - 4) The Administrator or the Department determines that this permit must be reissued or revoked to assure compliance with the applicable requirements.
- b. This permit may be modified; revoked, reopened, and reissued; or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes, for changes that are provided for in this permit.

24. Reopenings for Cause by the EPA (§2103.25.b)

This permit may be modified, reopened and reissued, revoked or terminated for cause by the EPA in accordance with procedures specified in Article XXI §2103.25.b.

25. Annual Operating Permit Administration Fee (§2103.40)

In each year during the term of this permit, on or before the last day of the month in which the application for this permit was submitted, the permittee shall submit to the Department, in addition to any other applicable administration fees, an Annual Operating Permit Administration Fee in accordance with §2103.40 by check or money order payable to the “Allegheny County Air Pollution Control Fund” in the amount specified in the fee schedule applicable at that time.

26. Annual Major Source Emissions Fees Requirements (§2103.41)

No later than September 1 of each year, the permittee shall pay an annual emission fee in accordance with

Article XXI §2103.41 for each ton of a regulated pollutant (except for carbon monoxide) actually emitted from the source. The permittee shall not be required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant. The emission fee shall be increased in each year after 1995 by the percentage, if any, by which the Consumer Price Index for the most recent calendar year exceeds the Consumer Price Index for the previous calendar year.

27. Other Requirements not Affected (§2104.08, §2105.02)

Compliance with the requirements of this permit shall not in any manner relieve any person from the duty to fully comply with any other applicable Federal, State, or County statute, rule, regulation, or the like, including but not limited to the odor emission standards under Article XXI §2104.04, any applicable NSPS's, NESHAP's, MACT's, or Generally Achievable Control Technology (GACT) standards now or hereafter established by the EPA, and any applicable requirements of BACT or LAER as provided by Article XXI, any condition contained in any applicable Installation or Operating Permit and/or any additional or more stringent requirements contained in an order issued to such person pursuant to Article XXI Part I.

28. Termination of Operation (§2108.01.a)

In the event that operation of any source of air contaminants is permanently terminated, the person responsible for such source shall so report, in writing, to the Department within 60 days of such termination.

29. Emissions Inventory Statements (§2108.01.e & g)

- a. Emissions inventory statements in accordance with Article XXI §2108.01.e shall be submitted to the Department by March 15 of each year for the preceding calendar year. The Department may require more frequent submittals if the Department determines that more frequent submissions are required by the EPA or that analysis of the data on a more frequent basis is necessary to implement the requirements of Article XXI or the Clean Air Act.
- b. The failure to submit any report or update within the time specified, the knowing submission of false information, or the willful failure to submit a complete report shall be a violation of this permit giving rise to the remedies provided by Article XXI §2109.02.

30. Tests by the Department (§2108.02.d)

Notwithstanding any tests conducted pursuant to Article XXI §2108.02, the Department or another entity designated by the Department may conduct emissions testing on any source or air pollution control equipment. At the request of the Department, the person responsible for such source or equipment shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance of such tests.

31. Other Rights and Remedies Preserved (§2109.02.b)

Nothing in this permit shall be construed as impairing any right or remedy now existing or hereafter created in equity, common law or statutory law with respect to air pollution, nor shall any court be deprived of such jurisdiction for the reason that such air pollution constitutes a violation of this permit.

32. Enforcement and Emergency Orders (§2109.03, §2109.05)

- a. The person responsible for this source shall be subject to any and all enforcement and emergency orders issued to it by the Department in accordance with Article XXI §2109.03, §2109.04 and §2109.05.
- b. Upon request, any person aggrieved by an Enforcement Order or Emergency Order shall be granted a hearing as provided by Article XXI §2109.03.d; provided however, that an Emergency Order shall continue in full force and effect notwithstanding the pendency of any such appeal.
- c. Failure to comply with an Enforcement Order or immediately comply with an Emergency Order shall be a violation of this permit thus giving rise to the remedies provided by Article XXI §2109.02.

33. Penalties, Fines, and Interest (§2109.07.a)

A source that fails to pay any fee required under this permit when due shall pay a civil penalty of 50% of the fee amount, plus interest on the fee amount computed in accordance with Article XXI §2109.06.a.4 from the date the fee was required to be paid. In addition, the source may have this permit revoked for failure to pay any fee required.

34. Appeals (§2109.10)

In accordance with State Law and County regulations and ordinances, any person aggrieved by an order or other final action of the Department issued pursuant to Article XXI or any unsuccessful petitioner to the Administrator under Article XXI Part C, Subpart 2, shall have the right to appeal the action to the Director in accordance with the applicable County regulations and ordinances.

35. Risk Management (§2104.08, 40 CFR Part 68)

Should this stationary source, as defined in 40 CFR Part 68.3, become subject to Part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in Part 68.10 and shall certify compliance with the requirements of Part 68 as part of the annual compliance certification as required by *General Condition III.12* above.

36. Circumvention (§2101.14)

For purposes of determining compliance with the provisions of this permit and Article XXI, no credit shall be given to any person for any device or technique, including but not limited to the operation of any source with unnecessary amounts of air, the combining of separate sources except as specifically permitted by Article XXI and the Department, the use of stacks exceeding Good Engineering Practice height as defined by regulations promulgated by the US EPA at 40 CFR §§51.100 and 51.110 and Subpart I, and other dispersion techniques, which without reducing the amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise violate the provisions of this Article; except that, for purposes of determining compliance with Article §2104.04 concerning odors, credit for such devices or techniques, except for the use of a masking agent, may be given.

37. Duty to Supplement and Correct Relevant Facts (§2103.12.d.2)

- a. The permittee shall provide additional information as necessary to address requirements that become applicable to the source after the date it files a complete application but prior to the Department taking action on the permit application.

- b. The permittee shall provide supplementary fact or corrected information upon becoming aware that incorrect information has been submitted or relevant facts were not submitted.
- c. Except as otherwise required by this permit and Article XXI, the Clean Air Act, or the regulations thereunder, the permittee shall submit additional information as necessary to address changes occurring at the source after the date it files a complete application but prior to the Department taking action on the permit application.
- d. The applicant shall submit information requested by the Department which is reasonably necessary to evaluate the permit application.

38. Effect (§2102.03.g.)

Except as specifically otherwise provided under Article XXI, Part C, issuance of a permit pursuant to Article XXI Part B or Part C shall not in any manner relieve any person of the duty to fully comply with the requirements of this permit, Article XXI or any other provision of law, nor shall it in any manner preclude or affect the right of the Department to initiate any enforcement action whatsoever for violations of this permit or Article XXI, whether occurring before or after the issuance of such permit. Further, except as specifically otherwise provided under Article XXI Part C the issuance of a permit shall not be a defense to any nuisance action, nor shall such permit be construed as a certificate of compliance with the requirements of this permit or Article XXI.

39. Installation Permits (§2102.04.a.1.)

It shall be a violation of this permit giving rise to the remedies set forth in Article XXI Part I for any person to install, modify, replace, reconstruct, or reactivate any source or air pollution control equipment which would require an installation permit or permit modification in accordance with Article XXI Part B or Part C.

IV. SITE LEVEL TERMS AND CONDITIONS

1. Reporting of Upset Conditions (§2103.12.k.2)

The permittee shall promptly report all deviations from permit requirements, including those attributable to upset conditions as defined in Article XXI §2108.01.c, the probable cause of such deviations, and any corrective actions or preventive measures taken.

2. Visible Emissions (§2104.01.a)

Except as provided for by Article XXI §2108.01.d pertaining to a cold start, no person shall operate, or allow to be operated, any source in such manner that the opacity of visible emissions from a flue or process fugitive emissions from such source, excluding uncombined water:

- a. Equal or exceed an opacity of 20% for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period; or,
- b. Equal or exceed an opacity of 60% at any time.

3. Odor Emissions (§2104.04) (County-only enforceable)

No person shall operate, or allow to be operated, any source in such manner that emissions of malodorous matter from such source are perceptible beyond the property line.

4. Materials Handling (§2104.05)

The permittee shall not conduct, or allow to be conducted, any materials handling operation in such manner that emissions from such operation are visible at or beyond the property line.

5. Operation and Maintenance (§2105.03)

All air pollution control equipment required by this permit or any order under Article XXI, and all equivalent compliance techniques approved by the Department, shall be properly installed, maintained, and operated consistently with good air pollution control practice.

6. Open Burning (§2105.50)

No person shall conduct, or allow to be conducted, the open burning of any material, except where the Department has issued an Open Burning Permit to such person in accordance with Article XXI §2105.50 or where the open burning is conducted solely for the purpose of non-commercial preparation of food for human consumption, recreation, light, ornament, or provision of warmth for outside workers, and in a manner which contributes a negligible amount of air contaminants.

7. Shutdown of Control Equipment (§2108.01.b)

- a. In the event any air pollution control equipment is shut down for reasons other than a breakdown, the person responsible for such equipment shall report, in writing, to the Department the intent to shut down such equipment at least 24 hours prior to the planned shutdown. Notwithstanding the submission of such report, the equipment shall not be shut down until the approval of the Department is obtained; provided, however, that no such report shall be required if the source(s)

served by such air pollution control equipment is also shut down at all times that such equipment is shut down.

- b. The Department shall act on all requested shutdowns as promptly as possible. If the Department does not take action on such requests within ten (10) calendar days of receipt of the notice, the request shall be deemed denied, and upon request, the owner or operator of the affected source shall have a right to appeal in accordance with the provisions of Article XI.
- c. The prior report required by Site Level Condition IV.7.a above shall include:
 - 1) Identification of the specific equipment to be shut down, its location and permit number (if permitted), together with an identification of the source(s) affected;
 - 2) The reasons for the shutdown;
 - 3) The expected length of time that the equipment will be out of service;
 - 4) Identification of the nature and quantity of emissions likely to occur during the shutdown;
 - 5) Measures, including extra labor and equipment, which will be taken to minimize the length of the shutdown, the amount of air contaminants emitted, or the ambient effects of the emissions;
 - 6) Measures which will be taken to shut down or curtail the affected source(s) or the reasons why it is impossible or impracticable to shut down or curtail the affected source(s) during the shutdown; and
 - 7) Such other information as may be required by the Department.

8. Breakdowns (§2108.01.c)

- a. In the event that any air pollution control equipment, process equipment, or other source of air contaminants breaks down in such manner as to have a substantial likelihood of causing the emission of air contaminants in violation of this permit, or of causing the emission into the open air of potentially toxic or hazardous materials, the person responsible for such equipment or source shall immediately, but in no event later than sixty (60) minutes after the commencement of the breakdown, notify the Department of such breakdown and shall, as expeditiously as possible but in no event later than seven (7) days after the original notification, provide written notice to the Department.
- b. To the maximum extent possible, all oral and written notices required shall include all pertinent facts, including:
 - 1) Identification of the specific equipment which has broken down, its location and permit number (if permitted), together with an identification of all related devices, equipment, and other sources which will be affected.
 - 2) The nature and probable cause of the breakdown.
 - 3) The expected length of time that the equipment will be inoperable or that the emissions will continue.
 - 4) Identification of the specific material(s) which are being, or are likely to be emitted, together with a statement concerning its toxic qualities, including its qualities as an irritant, and its potential for causing illness, disability, or mortality.
 - 5) The estimated quantity of each material being or likely to be emitted.
 - 6) Measures, including extra labor and equipment, taken or to be taken to minimize the length of the breakdown, the amount of air contaminants emitted, or the ambient effects of the emissions, together with an implementation schedule.

- 7) Measures being taken to shut down or curtail the affected source(s) or the reasons why it is impossible or impractical to shut down the source(s), or any part thereof, during the breakdown.
- c. Notices required shall be updated, in writing, as needed to advise the Department of changes in the information contained therein. In addition, any changes concerning potentially toxic or hazardous emissions shall be reported immediately. All additional information requested by the Department shall be submitted as expeditiously as practicable.
- d. Unless otherwise directed by the Department, the Department shall be notified whenever the condition causing the breakdown is corrected or the equipment or other source is placed back in operation by no later than 9:00 AM on the next County business day. Within seven (7) days thereafter, written notice shall be submitted pursuant to Paragraphs a and b above.
- e. Breakdown reporting shall not apply to breakdowns of air pollution control equipment which occur during the initial startup of said equipment, provided that emissions resulting from the breakdown are of the same nature and quantity as the emissions occurring prior to startup of the air pollution control equipment.
- f. In no case shall the reporting of a breakdown prevent prosecution for any violation of this permit or Article XXI.
- 9. Cold Start (§2108.01.d)**

In the event of a cold start on any fuel-burning or combustion equipment, except stationary internal combustion engines and combustion turbines used by utilities to meet peak load demands, the person responsible for such equipment shall report in writing to the Department the intent to perform such cold start at least 24 hours prior to the planned cold start. Such report shall identify the equipment and fuel(s) involved and shall include the expected time and duration of the startup. Upon written application from the person responsible for fuel-burning or combustion equipment which is routinely used to meet peak load demands and which is shown by experience not to be excessively emissive during a cold start, the Department may waive these requirements and may instead require periodic reports listing all cold starts which occurred during the report period. The Department shall make such waiver in writing, specifying such terms and conditions as are appropriate to achieve the purposes of Article XXI. Such waiver may be terminated by the Department at any time by written notice to the applicant.

10. Monitoring of Malodorous Matter Beyond Facility Boundaries (§2104.04)

The permittee shall take all reasonable action as may be necessary to prevent malodorous matter from becoming perceptible beyond facility boundaries. Further, the permittee shall perform such observations as may be deemed necessary along facility boundaries to insure that malodorous matter beyond the facility boundary in accordance with Article XXI §2107.13 is not perceptible and record all findings and corrective action measures taken.

11. Emissions Inventory Statements (§2108.01.e)

- a. Emissions inventory statements in accordance with §2108.01.e shall be submitted to the Department by March 15 of each year for the preceding calendar year. The Department may require more frequent submittals if the Department determines that more frequent submissions are required by the EPA or that analysis of the data on a more frequent basis is necessary to

implement the requirements of Article XXI or the Clean Air Act.

- b. The failure to submit any report or update within the time specified, the knowing submission of false information, or the willful failure to submit a complete report shall be a violation of this permit giving rise to the remedies provided by Article XXI §2109.02.

12. Orders (§2108.01.f)

In addition to meeting the requirements of General Condition III.28 and Site Level Conditions IV.7 through IV.11 above, inclusive, the person responsible for any source shall, upon order by the Department, report to the Department such information as the Department may require in order to assess the actual and potential contribution of the source to air quality. The order shall specify a reasonable time in which to make such a report.

13. Violations (§2108.01.g)

The failure to submit any report or update thereof required by General Condition III.28 and Site Level Conditions IV.7 through IV.12 above, inclusive, within the time specified, the knowing submission of false information, or the willful failure to submit a complete report shall be a violation of this permit giving rise to the remedies provided by Article XXI §2109.02.

14. Emissions Testing (§2108.02)

- a. On or before December 31, 1981, and at two-year intervals thereafter, any person who operates, or allows to be operated, any piece of equipment or process which has an allowable emission rate, of 100 or more tons per year of particulate matter, sulfur oxides or volatile organic compounds shall conduct, or cause to be conducted, for such equipment or process such emissions tests as are necessary to demonstrate compliance with the applicable emission limitation(s) of this permit and shall submit the results of such tests to the Department in writing. Emissions testing conducted pursuant to this section shall comply with all applicable requirements of Article XXI §2108.02.e.
- b. **Orders.** In addition to meeting the requirements of Site Level Condition IV.14.a above, the person responsible for any source shall, upon order by the Department, conduct, or cause to be conducted, such emissions tests as specified by the Department within such reasonable time as is specified by the Department. Test results shall be submitted in writing to the Department within 20 days after completion of the tests, unless a different period is specified in the Department's order. Emissions testing shall comply with all applicable requirements of Article XXI §2108.02.e.
- c. **Tests by the Department.** Notwithstanding any tests conducted pursuant to Site Level Conditions IV.14.a and IV.14.b above, the Department or another entity designated by the Department may conduct emissions testing on any source or air pollution control equipment. At the request of the Department, the person responsible for such source or equipment shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance of such tests.
- d. **Testing Requirements.** No later than 45 days prior to conducting any tests required by this permit, the person responsible for the affected source shall submit for the Department's approval a written test protocol explaining the intended testing plan, including any deviations from standard testing procedures, the proposed operating conditions of the source during the test, calibration data for specific test equipment and a demonstration that the tests will be conducted under the

direct supervision of persons qualified by training and experience satisfactory to the Department to conduct such tests. In addition, at least 30 days prior to conducting such tests, the person responsible shall notify the Department in writing of the time(s) and date(s) on which the tests will be conducted and shall allow Department personnel to observe such tests, record data, provide pre-weighed filters, analyze samples in a County laboratory and to take samples for independent analysis. Test results shall be comprehensively and accurately reported in the units of measurement specified by the applicable emission limitations of this permit.

- e. Test methods and procedures shall conform to the applicable reference method set forth in this permit or Article XXI Part G, or where those methods are not applicable, to an alternative sampling and testing procedure approved by the Department consistent with Article XXI §2108.02.e.2.
- f. **Violations.** The failure to perform tests as required by this permit or an order of the Department, the failure to submit test results within the time specified, the knowing submission of false information, the willful failure to submit complete results, or the refusal to allow the Department, upon presentation of a search warrant, to conduct tests, shall be a violation of this permit giving rise to the remedies provided by Article XXI §2109.02.

15. Abrasive Blasting (§2105.51)

- a. Except where such blasting is a part of a process requiring an operating permit, no person shall conduct or allow to be conducted, abrasive blasting or power tool cleaning of any surface, structure, or part thereof, which has a total area greater than 1,000 square feet unless such abrasive blasting complies with all applicable requirements of Article XXI §2105.51.
- b. In addition to complying with all applicable provisions of §2105.51, no person shall conduct, or allow to be conducted, abrasive blasting of any surface unless such abrasive blasting also complies with all other applicable requirements of Article XXI unless such requirements are specifically addressed by §2105.51.

16. Asbestos Abatement (§2105.62, §2105.63)

In the event of removal, encasement, or encapsulation of Asbestos-Containing Material (ACM) at a facility or in the event of the demolition of any facility, the permittee shall comply with all applicable provisions of Article XXI §2105.62 and §2105.63.

17. Protection of Stratospheric Ozone (40 CFR Part 82)

- a. Permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
 - 1) All containers in which a Class I or Class II substance is stored or transported, all products containing a Class I substance, and all products directly manufactured with a process that uses a Class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106;
 - 2) The placement of the required warning statement must comply with the requirements pursuant to §82.108;
 - 3) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110; and

- 4) No person may modify, remove or interfere with the required warning statement except as described in §82.112.
- b. Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F:
 - 1) Persons opening appliances for maintenance, service, repair or disposal must comply with the prohibitions and required practices pursuant to §82.154 and §82.156;
 - 2) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158;
 - 3) Persons maintaining, servicing, repairing or disposing of appliances, must be certified by an approved technician certification program pursuant to §82.161;
 - 4) Persons maintaining, servicing, repairing or disposing of appliances must certify to the Administrator of the U.S. Environmental Protection Agency pursuant to §82.162;
 - 5) Persons disposing of small appliances, motor vehicle air conditioners (MVAC) and MVAC-like appliances, must comply with the record keeping requirements pursuant to §82.166;
 - 6) Owners of commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156; and
 - 7) Owners or operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
 - c. If the permittee manufactures, transforms, destroys, imports or exports a Class I or Class II substance, the Permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A (Production and Consumption Controls).
 - d. If the permittee performs a service on a motor vehicle that involves an ozone-depleting substance, refrigerant or regulated substitute substance in the MVAC, the Permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B (Servicing of Motor Vehicle Air Conditioners).
 - e. The permittee may switch from any ozone-depleting substance to any alternative that is listed as acceptable in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G.

18. Permit Source Premises (§2105.40)

- a. **General.** No person shall operate, or allow to be operated, any source for which a permit is required by Article XXI Part C in such manner that emissions from any open land, roadway, haul road, yard, or other premises located upon the source or from any material being transported within such source or from any source-owned access road, haul road, or parking lot over five (5) parking spaces:
 - 1) Are visible at or beyond the property line of such source;
 - 2) Have an opacity of 20% or more for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period; or
 - 3) Have an opacity of 60% or more at any time.
- b. **Deposition on Other Premises.** Visible emissions from any solid or liquid material that has been deposited by any means from a source onto any other premises shall be considered emissions from such source within the meaning of Site Level Condition IV.18.a above.

19. Parking Lots and Roadways (§2105.42)

- a. The permittee shall not maintain for use, or allow to be used, any parking lot over 50 parking spaces or used by more than 50 vehicles in any day or any other roadway carrying more than 100 vehicles in any day or 15 vehicles in any hour in such manner that emissions from such parking lot or roadway:
 - 1) Are visible at or beyond the property line;
 - 2) Have an opacity of 20% or more for a period or periods aggregating more than three (3) minutes in any 60 minute period; or
 - 3) Have an opacity of 60% or more at any time.
- b. Visible emissions from any solid or liquid material that has been deposited by any means from a parking lot or roadway onto any other premises shall be considered emissions from such parking lot or roadway.
- c. Site Level Condition IV.19.a above shall apply during any repairs or maintenance done to such parking lot or roadway.
- d. Notwithstanding any other provision of this permit, the prohibitions of Site Level Condition IV.19 may be enforced by any municipal or local government unit having jurisdiction over the place where such parking lots or roadways are located. Such enforcement shall be in accordance with the laws governing such municipal or local government unit. In addition, the Department may pursue the remedies provided by Article XXI §2109.02 for any violations of Site Level Condition IV.19.

20. Permit Source Transport (§2105.43)

- a. No person shall transport, or allow to be transported, any solid or liquid material outside the boundary line of any source for which a permit is required by Article XXI Part C in such manner that there is any visible emission, leak, spill, or other escape of such material during transport.
- b. Notwithstanding any other provision of this permit, the prohibitions of Site Level Condition IV.20 may be enforced by any municipal or local government unit having jurisdiction over the place where such visible emission, leak, spill, or other escape of material during transport occurs. Such enforcement shall be in accordance with the laws governing such municipal or local government unit. In addition, the Department may pursue the remedies provided by Article XXI §2109.02 for any violation of Site Level Condition IV.20.

21. Construction and Land Clearing (§2105.45)

- a. No person shall conduct, or allow to be conducted, any construction or land clearing activities in such manner that the opacity of emissions from such activities:
 - 1) Equal or exceed 20% for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period; or
 - 2) Equal or exceed 60% at any time.
- b. Notwithstanding any other provision of this permit, the prohibitions of Site Level Condition

IV.21 may be enforced by any municipal or local government unit having jurisdiction over the place where such construction or land clearing activities occur. Such enforcement shall be in accordance with the laws governing such municipal or local government unit. In addition, the Department may pursue the remedies provided by Article XXI §2109.02 for any violations of Site Level Condition IV.21.

22. Mining (§2105.46)

No person shall conduct, or allow to be conducted, any mining activities in such manner that emissions from such activities:

- a. Are visible at or beyond the property line;
- b. Have an opacity of 20% or more for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period; or,
- c. Have an opacity of 60% or more at any time.

23. Demolition (§2105.47)

- a. No person shall conduct, or allow to be conducted, any demolition activities in such manner that the opacity of the emissions from such activities equal or exceed 20% for a period or periods aggregating more than three (3) minutes in any 60 minute period.
- b. Notwithstanding any other provisions of this permit, the prohibitions of Site Level Condition IV.23 may be enforced by any municipal or local government unit having jurisdiction over the place where such demolition activities occur. Such enforcement shall be in accordance with the laws governing such municipal or local government unit. In addition, the Department may pursue the remedies provided by Article XXI §2109.02 for any violations of Site Level Condition IV.23.

24. Fugitive Emissions (§2105.49)

The person responsible for a source of fugitive emissions, in addition to complying with all other applicable provisions of this permit shall take all reasonable actions to prevent fugitive air contaminants from becoming airborne. Such actions may include, but are not limited to:

- a. The use of asphalt, oil, water, or suitable chemicals for dust control;
- b. The paving and maintenance of roadways, parking lots and the like;
- c. The prompt removal of earth or other material which has been deposited by leaks from transport, erosion or other means;
- d. The adoption of work or other practices to minimize emissions;
- e. Enclosure of the source; and
- f. The proper hooding, venting, and collection of fugitive emissions.

25. Episode Plans (§2106.02)

The permittee shall upon written request of the Department, submit a source curtailment plan, consistent with good industrial practice and safe operating procedures, designed to reduce emissions of air contaminants during air pollution episodes. Such plans shall meet the requirements of Article XXI §2106.02.

26. New Source Performance Standards (§2105.05)

- a. It shall be a violation of this permit giving rise to the remedies provided by §2109.02 of Article XXI for any person to operate, or allow to be operated, any source in a manner that does not comply with all requirements of any applicable NSPS now or hereafter established by the EPA, except if such person has obtained from EPA a waiver pursuant to Section 111 or Section 129 of the Clean Air Act or is otherwise lawfully temporarily relieved of the duty to comply with such requirements.
- b. Any person who operates, or allows to be operated, any source subject to any NSPS shall conduct, or cause to be conducted, such tests, measurements, monitoring and the like as is required by such standard. All notices, reports, test results and the like as are required by such standard shall be submitted to the Department in the manner and time specified by such standard. All information, data and the like which is required to be maintained by such standard shall be made available to the Department upon request for inspection and copying.

V. EMISSION UNIT LEVEL TERMS AND CONDITIONS

A. Boilers B001 and B002: #1 & #2 CE Boilers

Process Description: Coal-fired, traveling grate boiler
Facility ID: No. 1 CE Boiler; No. 2 CE Boiler
Capacity: 91 MMBtu/hr, each
Fuel(s): Bituminous Coal and Natural Gas (Boiler #1 only)
Control Device: Multi-cyclone, C001 & C002

1. Restrictions:

- a. When the actual heat input to Boiler No. 1 and/or Boiler No. 2 is equal to or greater than 50 MMBtu/hr, the particulate matter emissions (in lb/MMBtu) shall not exceed the allowable emissions calculated by the following formula: [§2104.02.a.2.C]

$$A = \sum x_i a_i \quad \text{where } i = \text{fuel type};$$

x_i = fraction of total actual heat input in BTU's provided by fuel type i ;
 a_i = allowable emissions in lbs/MMBtu of actual heat input for fuel type i .

- 1) For natural gas, $a_i = 0.008$ lbs/MMBtu; [§2104.02.a.1.A]
- 2) For coal, $a_i = 3.5 E^{-0.56}$, where E is the actual heat input in MMBtu/hr. [§2104.02.a.2.B]

- b. When the actual heat input to Boiler No. 1 and/or No. 2 is less than 50 MMBtu/hr, the particulate matter emissions (in lb/MMBtu) shall not exceed 0.4 lb/MMBtu. [§2104.02.a.2.A]
- c. When the actual heat input to Boiler No. 1 and/or Boiler No. 2 is less than 50 MMBtu/hr, the sulfur oxide emissions shall not exceed 1.0 lb/MMBtu. [§2104.03.a.1.A]
- d. When the actual heat input to Boiler No. 1 and/or Boiler No. 2 is equal to or greater than 50 MMBtu/hr, the sulfur oxide emissions shall not exceed the results of the following equation: [§2104.03.a.2.]

$$A = 1.7 E^{-0.14} \quad \text{where } A = \text{allowable emissions in lb/MMBtu of actual heat input, and}$$

$E = \text{actual heat input in MMBtu/hr.}$

- e. Emissions of NO_x from Boiler No. 1 or Boiler No. 2 shall not exceed 0.45 lb/MMBtu or 111 tons/year. [RACT Order No. 211, §1.1]
- f. The coal sulfur content by weight of all coal combusted in Boiler No. 1 and Boiler No. 2 shall not exceed 0.8 % (on an as-received basis) at any time except as provided in the Operation, Maintenance, Monitoring and Reported Plan required under condition V.A.3.a. [§2103.12.a.2.B; §2101.02.c.4]

- g. At combined boiler outputs greater than or equal to 20,000 lb/hr of steam, Boilers No. 1 and No. 2 shall co-fire coal with natural gas. The amount of natural gas used shall be determined by the following equation: [§2103.12.a.2.B]
- $$G = 2 \times 10^{-06} \times S^2 + 0.1663S - 1811.1$$
- where G = natural gas flow in cf/h
S = actual steam flow in lb/hr
- h. For coal sulfur content other than that specified in condition V.A.1.f above, the natural gas co-fire equation shall be determined per procedures specified in the Operation, Maintenance, Monitoring, and Reporting Plan required under condition V.A.3.a. [§2103.12.a.2.B]
- i. All exhaust from Boiler No. 1 and Boiler No. 2 shall be processed by a multi-cyclone for particulate control at all times during boiler operation. [§2103.12.h.1]
- j. At no time shall the permittee operate Boiler No. 1 or Boiler No. 2 using any fuel other than coal, natural gas, or coal and natural gas. [§2103.12.a.2.B]
- k. The permittee shall operate Boiler No. 1 and Boiler No. 2 such that excess oxygen in the exhaust gas is maintained at or below 12.5%. [§2103.12.a.2.B]
- l. Emissions due to Boiler No. 1 and Boiler No. 2 shall not exceed the limitations in Table V-A-1 below: [§2102.04.e; §2105.03; RACT Order No. 211, §1.1]

TABLE V-A-1 Boilers No. 1 and No. 2 Emission Limitations

Pollutant	Hourly Emission Limit – Per Boiler (lb/hr)	Hourly Combined Emission Limit – Boilers #1 and #2 (lb/hr)	Annual Combined Emission Limit (tons/year)*
Particulate Matter	25.47	34.55	112.83
PM ₁₀	20.13	34.55	112.83
Nitrogen Oxides	40.95	81.90	222
Sulfur Oxides	82.27	149.32	654.01
Carbon Monoxide	24.15	48.30	175.21
Volatile Organic Compounds	0.56	1.12	2.60
Hydrochloric Acid	4.83	9.66	31.07
Hydrofluoric Acid	0.60	1.21	3.88

* A year is defined as any consecutive 12-month period.

2. Testing Requirements:

- a. The permittee shall perform nitrogen oxides, sulfur oxides, particulate matter, and carbon monoxide emissions testing on Boilers No. 1 and No. 2 once every two years in order to demonstrate compliance with the emission limitations of this permit. Such testing shall be conducted in accordance with applicable U.S. EPA approved test methods, Article XXI §2108.02, and as approved by the Department. [§2103.12.h.1; §2108.02; RACT Order No. 211, §1.3]
- b. The permittee shall perform an emissions test for hydrogen chloride within 6 months of issuance of this permit. Such testing shall be conducted in accordance with EPA Method 26A. In addition, the permittee shall analyze the coal combusted during the stack test for chlorine and fluorine content. [§2103.12.h.1]
- c. The Department reserves the right to require additional emissions testing sufficient to assure compliance with the terms and conditions of this permit. Such testing shall be performed in accordance with Site Level Condition IV.14 and Article XXI §2108.02. [§2103.12.h.1]

3. Monitoring Requirements:

- a. The permittee shall develop an operating and maintenance plan that includes appropriate monitoring in order to ensure continuing compliance and proper operation of Boilers No. 1 and No. 2. This plan shall be submitted for Department approval within 90 days of issuance of this permit. [§2103.12.i]
- b. The permittee shall inspect Boilers No. 1 and No. 2 weekly, to insure the physical integrity and proper operation of the boiler and associated equipment [§2103.12.i]
- c. The permittee shall inspect the forced draft fans, dampers, actuators and multi-clones on Boilers No. 1 and No. 2 at least twice per 12-month period. [§2103.12.i]
- d. The permittee shall develop an operating plan to establish the position of the forced draft fan dampers in order to maintain compliance with condition V.A.1.k. [§2103.12.i]
- e. The permittee shall determine the sulfur content of all coal combusted at the facility as follows: [§2103.12.i]
 - 1) A coal sample shall be taken from each truck delivered to the facility;
 - 2) The samples taken over the course of a week shall be blended into one composite sample and sent to an independent testing laboratory approved by the Department for determination of sulfur content by weight.
- f. The permittee may request Department approval for an alternate coal sampling plan in lieu of the plan required by V.A.3.e above. Such a plan shall assure that the coal combusted is the same as the coal analyzed.

4. Record Keeping Requirements:

- a. The permittee shall keep and maintain all appropriate records to demonstrate compliance with the requirements of both §2105.06 and RACT Order No. 211 are being met. The permittee shall record and maintain such data and information required to determine compliance for the facility

in a time frame consistent with the averaging period of the requirements of both §2105.06 and RACT Order No. 211. Such records shall include, but not be limited to the following: [§2103.12.j.1; RACT Order No. 211, §1.6]

- 1) Type and amount of fuel combusted (tons of coal/day; MMscf of natural gas/day; monthly total coal and natural gas combusted);
 - 2) Records of coal sulfur content (% by wt, as-received basis) as combusted determined in accordance with condition V.A.3.e or V.A.3.f above (each analysis; monthly maximum and monthly weighted average sulfur content);
 - 3) Average monthly and 12-month heating values of the coal combusted (in Btu/lb);
 - 4) Three-hour average steam load (average lbs/3-hr, lbs/day; average daily steam load for each month);
 - 5) Cold starts (date, time and duration of each occurrence);
 - 6) Total operating hours, (hours/day, monthly and 12-month);
 - 7) Records of operation, maintenance, and inspection of Boiler No. 1 and Boiler No. 2 and calibration of instrumentation; and
 - 8) Stack test protocols and reports.
- b. The permittee shall record all instances of non-compliance with the conditions of this permit upon occurrence along with corrective action taken to restore compliance. [§2103.12.j.1]
- c. All records shall be retained by the facility for at least five (5) years. These records shall be made available to the Department upon request for inspection and/or copying. [§2103.12.j]

5. Reporting Requirements:

- a. The permittee shall report the following information to the Department in accordance with General Condition III.15 above. The reports shall contain all required information for the time period of the report: [§2103.12.k.1, §2103.12.a.2.B]
- 1) Monthly and 12-month data required to be recorded by condition V.A.4.a above;
 - 2) Non-compliance information required to be recorded by condition V.A.4.b above.
- b. The permittee shall report all cold starts of Boiler No. 1 and Boiler No. 2 to the Department in accordance with Site Level Condition IV.9. [§2103.12.k.1]
- c. Reporting instances of non-compliance in accordance with condition V.A.5.a above, does not relieve the permittee of the requirement to report breakdowns in accordance with Site Level Condition IV.8 above, if appropriate. [§2103.12.k.1]

6. Work Practice Standards:

The permittee shall not, at any time, operate Boiler No. 1 or Boiler No. 2 unless the subject boiler is properly operated and maintained according to good engineering and air pollution control practices. [§2105.03; RACT Order No. 211, §1.8]

7. Aggregation

- a. Particulate Matter – Aggregation [§2104.02.a.5]
- 1) If one or more fuel burning or combustion emissions units are vented into a common flue, such emissions units shall be considered one emissions unit and allowable particulate matter emissions shall be determined on the basis of total heat input to all emissions units vented to such common flue.
 - 2) For any emissions unit that burns or combusts coal, that is subject to §2104.02.a.3 that is not located in a nonattainment area of the County for PM-10, that has a rated heat input greater than 50 million BTU's per hour, and that would comply with the emission standards under §2104.02.a.2 notwithstanding the firing of the emissions unit with other fuel in addition to the coal, the Department may, upon written application from the person responsible for such emissions unit, determine compliance with the aggregation requirements on the basis of the emission standards under §2104.02.a.2, notwithstanding the firing of the emissions unit with other fuel in addition to the coal, provided that the applicant demonstrates to the Department's satisfaction that such allowed emissions will not cause a significant air quality impact on any nonattainment area of the County for PM-10. Such determination of the Department shall not be effective until it is either approved by the EPA or included in a federally enforceable permit or order, whichever is first.
- b. Sulfur Oxides – Aggregation [§2104.03.b]

For purpose of §2104.03.a only, if one or more fuel-burning or combustion emissions units are vented into a common flue, such emissions units shall be considered one emissions unit and allowable emissions shall be determined on the basis of total heat input to all emissions units vented to such common flue.

B. Boilers B003 and B004: #3 & #4 B&W Boilers

Process Description: Coal and natural gas-fired, traveling grate boiler
Facility ID: No. 3 B&W Boiler
Capacity: 61 MMBtu/hr, each
Fuel(s): Bituminous Coal and natural Gas
Control Device: Dry gas cyclone, C003

1. Restrictions:

- a. When the actual heat input to Boiler No. 3 and/or Boiler No. 4 is equal to or greater than 50 MMBtu/hr, the particulate matter emissions (in lb/MMBtu) shall not exceed the allowable emissions calculated by the following formula: [§2104.02.a.2.C]

$$A = \sum x_i a_i \quad \text{where } i = \text{fuel type};$$

x_i = fraction of total actual heat input in BTU's provided by fuel type i ;
 a_i = allowable emissions in lbs/MMBtu of actual heat input for fuel type i .

- 1) For natural gas, $a_i = 0.008$ lbs/MMBtu; [§2104.02.a.1.A]
 2) For coal, $a_i = 3.5 E^{-0.56}$, where E is the actual heat input in MMBtu/hr. [§2104.02.a.2.B]

- b. When the actual heat input to Boiler No. 3 and/or Boiler No. 4 is less than 50 MMBtu/hr, the particulate matter emissions (in lb/MMBtu) shall not exceed 0.4 lb/MMBtu. [§2104.02.a.2.A]
 c. When the actual heat input to Boiler No. 3 and/or Boiler No. 4 is less than 50 MMBtu/hr, the sulfur oxide emissions from Boiler No. 3 shall not exceed 1.0 lb/MMBtu. [§2104.03.a.1.A]
 d. When the actual heat input to Boiler No. 3 and/or Boiler No. 4 is equal to or greater than 50 MMBtu/hr, the sulfur oxide emissions from Boiler No. 3 shall not exceed the results of the following equation: [§2104.03.a.2.]

$$A = 1.7 E^{-0.14} \quad \text{where } A = \text{allowable emissions in lb/MMBtu of actual heat input, and}$$

$E = \text{actual heat input in MMBtu/hr.}$

- e. Emissions of NO_x from Boiler No. 3 or Boiler No. 4 shall not exceed 0.64 lb/MMBtu or 74 tons/year. [RACT Order No. 211, §1.1]
 f. The coal sulfur content by weight of all coal combusted in Boiler No. 3 and Boiler No. 4 shall not exceed 0.8% at any time except as provided in the Operation, Maintenance, Monitoring and Reported Plan required under condition V.B.3.a. [§2103.12.a.2.B; §2101.02.c.4]

- g. At combined boiler outputs greater than or equal to 20,000 lb/hr of steam, Boilers No. 3 and No. 4 shall co-fire coal with natural gas. The amount of natural gas used shall be determined by the following equation: [§2103.12.a.2.B]
- $$G = 2 \times 10^{-06} \times S^2 + 0.1663S - 1811.1$$
- where G = natural gas flow in cf/h
S = actual steam flow in lb/hr
- h. For coal sulfur content other than that specified in condition V.B.1.f above, the natural gas co-fire equation shall be determined per procedures specified in the Operation, Maintenance, Monitoring, and Reporting Plan required under condition V.B.3.a. [§2103.12.a.2.B]
- i. All exhaust from Boiler No. 3 and Boiler No. 4 shall be processed by a dry-gas cyclone for particulate control at all times during boiler operation. [§2103.12.h.1]
- j. At no time shall the permittee operate Boiler No. 3 or Boiler No. 4 using any fuel other than coal, natural gas, or a combination of coal and natural gas. [§2103.12.a.2.B]
- k. **Emissions Limitations:** Boilers No. 3 and No. 4 shall not exceed the emissions limitations in Table V-B-1 below: [RACT Order No. 211, §1.1]

TABLE V-B-1 Boilers No. 3 and No. 4 Emission Limitations

Pollutant	Hourly Emission Limit – Per Boiler (lb/hr)	Hourly Combined Emission Limit – Boilers #3 and #4 (lb/hr)	Annual Combined Emission Limit (tons/year)*
Particulate Matter	21.36	28.98	101.77
PM ₁₀	13.49	26.98	94.17
Nitrogen Oxides	39.04	78.08	148
Sulfur Oxides	58.32	105.86	463.65
Carbon Monoxide	16.19	32.38	123.00
Volatile Organic Compounds	0.38	0.75	1.61
Hydrochloric Acid	3.24	6.48	22.55
Hydrofluoric Acid	0.41	0.82	2.82

* A year is defined as any consecutive 12-month period.

2. Testing Requirements:

- a. The permittee shall perform nitrogen oxides, sulfur oxides, particulate matter, and carbon monoxide emissions testing on Boilers No. 3 and No. 4 once every two years, and an initial test for hydrogen chloride, in order to demonstrate compliance with the emission limitations of this permit. Such testing shall be conducted in accordance with applicable U.S. EPA approved test methods, Article XXI §2108.02, and as approved by the Department. [§2103.12.h.1; §2108.02; RACT Order No. 211, §1.3]
- b. The permittee shall perform an emissions test for hydrogen chloride within 6 months of issuance of this permit. Such testing shall be conducted in accordance with EPA Method 26A. In addition, the permittee shall analyze the coal combusted during the stack test for chlorine and fluorine content. [§2103.12.h.1]
- c. The Department reserves the right to require additional emissions testing sufficient to assure compliance with the terms and conditions of this permit. Such testing shall be performed in accordance with Site Level Condition IV.14 and Article XXI §2108.02. [§2103.12.h.1]

3. Monitoring Requirements:

- a. The permittee shall develop an operating and maintenance plan that includes appropriate monitoring in order to ensure continuing compliance and proper operation of Boilers No. 3 and No. 4. This plan shall be submitted for Department approval within 90 days of issuance of this permit. [§2103.12.i]
- b. The permittee shall inspect Boilers No. 3 and No. 4 weekly, to insure the physical integrity and proper operation of the boiler and associated equipment [§2103.12.i]
- c. The permittee shall inspect the dry gas cyclones at least twice per 12-month period to ensure proper operation and maintenance. [§2103.12.i; §2105.03]
- d. The permittee shall determine the sulfur content of all coal combusted at the facility as follows: [§2103.12.i]
 - 1) A coal sample shall be taken from each truck delivered to the facility;
 - 2) The samples taken over the course of a week shall be blended into one composite sample and sent to an independent testing laboratory approved by the Department for determination of sulfur content by weight.
- e. The permittee may request Department approval for an alternate coal sampling plan in lieu of the plan required by V.B.3.d above. Such a plan shall assure that the coal combusted is the same as the coal analyzed.

4. Record Keeping Requirements:

- a. The permittee shall keep and maintain all appropriate records to demonstrate compliance with the requirements of both §2105.06 and RACT Order No. 211 are being met. The permittee shall record and maintain such data and information required to determine compliance for the facility in a time frame consistent with the averaging period of the requirements of both §2105.06 and RACT Order No. 211. Such records shall include, but not be limited to the following: [§2103.12.j.1; RACT Order No. 211, §1.6]

- 1) Type and amount of fuel combusted (tons of coal/day; MMscf of natural gas/day; monthly total coal and natural gas combusted);
 - 2) Records of coal sulfur content (% by wt, as-received basis) as combusted determined in accordance with condition V.B.3.d or V.B.3.e above (each analysis; monthly maximum and monthly weighted average sulfur content);
 - 3) Average monthly and 12-month heating value of the coal combusted (in Btu/lb);
 - 4) Three-hour average steam load (average lbs/3-hr, lbs/day; average daily steam load for each month);
 - 5) Cold starts (date, time and duration of each occurrence);
 - 6) Total operating hours, (hours/day, monthly and 12-month);
 - 7) Records of operation, maintenance, and inspection of Boiler No. 3 and Boiler No. 4 and calibration of instrumentation; and
 - 8) Stack test protocols and reports.
- b. The permittee shall record all instances of non-compliance with the conditions of this permit upon occurrence along with corrective action taken to restore compliance. [§2103.12.j.1]
- c. All records shall be retained by the facility for at least five (5) years. These records shall be made available to the Department upon request for inspection and/or copying. [§2103.12.j.2]

5. Reporting Requirements:

- a. The permittee shall report the following information to the Department in accordance with General Condition III.15 above. The reports shall contain all required information for the time period of the report: [§2103.12.k.1]
- 1) Monthly and 12-month data required to be recorded by condition V.B.4.a above;
 - 2) Non-compliance information required to be recorded by condition V.B.4.b above.
- b. The permittee shall report to the Department the following: [§2103.12.a.2.B]
- 1) Total amounts of each fuel combusted;
 - 2) Average percent sulfur (as-received basis) in the coal; and
 - 3) Average heating value of the coal (in Btu/lb).
- c. The permittee shall report all cold starts of Boiler No. 3 and Boiler No. 4 to the Department in accordance with Site Level Condition IV.9. [§2103.12.k.1]
- d. Reporting instances of non-compliance in accordance with condition V.B.5.a above does not relieve the permittee of the requirement to report breakdowns in accordance with Site Level Condition IV.8 above, if appropriate. [§2103.12.k.1]

6. Work Practice Standards:

The permittee shall not, at any time, operate Boiler No. 3 or Boiler No. 4 unless the subject boiler is properly operated and maintained according to good engineering and air pollution control practices. [§2105.03; RACT Order No. 211, §1.8]

7. Aggregation

- a. Particulate Matter – Aggregation [§2104.02.a.5]
- 1) If one or more fuel burning or combustion emissions units are vented into a common flue, such emissions units shall be considered one emissions unit and allowable particulate matter emissions shall be determined on the basis of total heat input to all emissions units vented to such common flue.
 - 2) For any emissions unit that burns or combusts coal, that is subject to §2104.02.a.3 that is not located in a nonattainment area of the County for PM-10, that has a rated heat input greater than 50 million BTU's per hour, and that would comply with the emission standards under §2104.02.a.2 notwithstanding the firing of the emissions unit with other fuel in addition to the coal, the Department may, upon written application from the person responsible for such emissions unit, determine compliance with the aggregation requirements on the basis of the emission standards under §2104.02.a.2, notwithstanding the firing of the emissions unit with other fuel in addition to the coal, provided that the applicant demonstrates to the Department's satisfaction that such allowed emissions will not cause a significant air quality impact on any nonattainment area of the County for PM-10. Such determination of the Department shall not be effective until it is either approved by the EPA or included in a federally enforceable permit or order, whichever is first.
- b. Sulfur Oxides – Aggregation [§2104.03.b]

For purpose of §2104.03.a only, if one or more fuel-burning or combustion emissions units are vented into a common flue, such emissions units shall be considered one emissions unit and allowable emissions shall be determined on the basis of total heat input to all emissions units vented to such common flue.

C. Boiler B008: #8 Boiler

Process Description: Natural gas-fired boiler.
Facility ID: No. 8 Zurn Boiler
Capacity: 180 MMBtu/hr
Fuel(s): Natural Gas
Control Device: Low NO_x burners; flue gas recirculation

1. Restrictions:

- a. The permittee shall not cause to be discharged into the atmosphere from Boiler No. 8 emissions of particulate matter in excess of 0.008 lb/MMBtu. [§2104.02.a.1.A]
- b. The permittee shall not operate nor allow to be operated Boiler No. 8 unless the annual capacity factor is less than 10%. [§2103.12(a)(2)(F); §60.41b §60.44b(j)(3)]
- c. The permittee shall not cause to be discharged into the atmosphere from Boiler No. 8 any gases that contain nitrogen oxides (expressed as NO₂) in excess of 0.10 lb/MMBtu or 7.8 tons per year. [RACT Order No. 211, §1.1, §60.44b(a)(1)(i)]
- d. The permittee shall not operate nor allow to be operated Boiler No. 8 except with commercial natural gas only. [§2103.12.a.2.B]
- e. Emissions due to operation of Boiler No. 8 shall not exceed the limitations in Table V-C-1 below: [OP #3033609-000-00500; RACT Order No. 211, §1.1]

TABLE V-C-1 Boiler No. 8 Emission Limitations

POLLUTANT	HOURLY EMISSION LIMIT (lb/hr)	ANNUAL EMISSION LIMIT (tons/year)*
Particulate Matter/PM ₁₀	1.05	0.46
Nitrogen Oxides	18.0	7.80
Sulfur Oxides	0.13	0.06
Carbon Monoxide	5.0	2.16
Volatile Organic Compounds	0.59	0.26

* A year is defined as any consecutive 12-month period.

2. Testing Requirements:

The Department reserves the right to require emissions testing sufficient to assure compliance with the terms and conditions of this permit. Such testing shall be performed in accordance with Site Level Conditions IV.14.d above and IV.14.e above. [§2103.12.h.1]

3. Monitoring Requirements (§2102.04.e):

The permittee shall inspect Boiler No. 8 weekly to insure the physical integrity and proper operation of the boiler and associated equipment. [§2103.12.i]

4. Record Keeping Requirements (§2103.12.j & k):

- a. The permittee shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor for the reporting period. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. A heat rating of 1030 Btu/scf of natural gas shall be used in the calculation. [§60.49b(d)]
- b. The permittee shall maintain records of the following information for each operating day: [OP #3033609-000-00500; §60.49b(p)]
 - 1) Calendar date,
 - 2) The number of hours of operation, and
 - 3) A record of the hourly steam load.
- c. In addition to the records required by conditions V.C.4.a and b above, the permittee shall also maintain the following records: [§2103.12.j.1; RACT Order No. 211, §1.6]
 - 1) Operation, maintenance, and inspection of Boiler No. 8 and calibration of instrumentation;
 - 2) Cold starts (date, time and duration of each occurrence); and
 - 3) Stack test protocols and reports.
- d. The permittee shall record all instances of non-compliance with the conditions of this permit upon occurrence along with corrective action taken to restore compliance. [§2103.12.j.1]
- e. All records shall be retained by the facility for at least five (5) years. These records shall be made available to the Department upon request for inspection and/or copying. [§2103.12.j.2]

5. Reporting Requirements:

- a. The permittee shall submit to the Department and Administrator the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility. [§60.49b(b)]
- b. The permittee shall submit to the Department and Administrator a report containing: [§60.49b(q)(1), (3)]
 - 1) The annual capacity factor over the previous 12 months; and
 - 2) The results of any nitrogen oxides emission tests required during the reporting period, the hours of operation during the reporting period, and the hours of operation since the last nitrogen oxides emission test.
- c. The reporting period for the reports required under 40 CFR Part 60, Subpart Db is each 6-month period. All reports shall be submitted to the Department and Administrator and shall be postmarked by the 30th day following the end of the reporting period, in accordance with General Condition III.15. [§60.49b(w)]

- d. The permittee shall report the following information to the Department in accordance with General Condition III.15 above. The reports shall contain all required information for the time of the report: [§2103.12.k.1]
 - 1) Monthly and 12-month data required to be recorded by condition V.C.4.c above;
 - 2) Non-compliance information required to be recorded by condition V.C.4.d above.
- e. Until terminated by written notice from the Department, the requirement for the to report all cold starts of Boiler No. 8 24 hours in advance in accordance with Site Level Condition IV.9 is waived, and the permittee may report all cold starts in accordance with condition V.C.5.d.1) above. [§2103.12.k.1]
- f. Reporting instances of non-compliance in accordance with condition V.C.5.d.2) above does not relieve the permittee of the requirement to report breakdowns in accordance with Site Level Condition IV.8 above, if appropriate. [§2103.12.k.1]

6. Work Practice Standards:

The permittee shall not, at any time, operate Boiler No. 8 unless the subject boiler is properly operated and maintained according to good engineering and air pollution control practices. [§2105.03; RACT Order No. 211, §1.8]

7. Aggregation

- a. Particulate Matter – Aggregation [§2104.02.a.5]
- 1) If one or more fuel burning or combustion emissions units are vented into a common flue, such emissions units shall be considered one emissions unit and allowable particulate matter emissions shall be determined on the basis of total heat input to all emissions units vented to such common flue.
 - 2) For any emissions unit that burns or combusts coal, that is subject to §2104.02.a.3 that is not located in a nonattainment area of the County for PM-10, that has a rated heat input greater than 50 million BTU's per hour, and that would comply with the emission standards under §2104.02.a.2 notwithstanding the firing of the emissions unit with other fuel in addition to the coal, the Department may, upon written application from the person responsible for such emissions unit, determine compliance with the aggregation requirements on the basis of the emission standards under §2104.02.a.2, notwithstanding the firing of the emissions unit with other fuel in addition to the coal, provided that the applicant demonstrates to the Department's satisfaction that such allowed emissions will not cause a significant air quality impact on any nonattainment area of the County for PM-10. Such determination of the Department shall not be effective until it is either approved by the EPA or included in a federally enforceable permit or order, whichever is first.
- b. Sulfur Oxides – Aggregation [§2104.03.b]

For purpose of §2104.03.a only, if one or more fuel-burning or combustion emissions units are vented into a common flue, such emissions units shall be considered one emissions unit and allowable emissions shall be determined on the basis of total heat input to all emissions units vented to such common flue.

VI. MISCELLANEOUS

A. Emergency Generators

- a. The following table summarizes the emergency generators located at the Del Monte Corporation facility, and determined to be of minor significance:

Table VI-A-1: Emergency Generators

Facility ID	Generator Name & Model	Maximum Capacity	Fuel	Basis for Exemption
G001	Katolight 460T	341,200 Btu/hr	LP Gas	PTE is <0.31 tpy for SO _x , <0.22 for NO _x and <0.06 for all other criteria pollutants
G002	Kohler COM-6	50,923 Btu/hr	Natural Gas	PTE is <0.03 tpy for all criteria pollutants
G003	Clarke PDEP	231,791 Btu/hr	#2 Diesel	PTE is <0.22 tpy for SO _x , <0.15 for NO _x and <0.06 for all other criteria pollutants
G004	Spectrum 290DSJ	85,300 Btu/hr	#2 Diesel	PTE is <0.08 tpy for all criteria pollutants
G005	Kohler 30R2882	152,800 Btu/hr	Natural Gas	PTE is <0.07 tpy for all criteria pollutants
G007	Kohler 10RYGL	43,300 Btu/hr	Natural Gas	PTE is <0.02 tpy for all criteria pollutants
G008	Caterpillar SR-4	358,300 Btu/hr	#2 Diesel	PTE is <0.33 tpy for SO _x , <0.23 for NO _x and <0.06 for all other criteria pollutants
G009	Allis Chambers 11000	341,200 Btu/hr	#2 Diesel	PTE is <0.31 tpy for SO _x , <0.23 for NO _x and <0.06 for all other criteria pollutants

- b. The permittee shall not operate or allow to be operated any emergency generator unless it is properly operated and maintained according to the following specifications at all times: [§2103.12.a.2.B]
- 1) Generators combusting fuel oil shall combust only diesel fuel with a maximum allowable sulfur content of 0.2%, by weight.
 - 2) The generators shall be properly operated and maintained according to manufacturer’s specifications. The manufacturer’s operation and maintenance manuals shall be kept on site at all times.
 - 3) Generators shall be fired during emergency conditions only.
- c. The permittee shall keep and maintain the following data for each generator: [§2103.12.j & k]
- 1) Fuel consumption (daily, monthly, and 12-month), type of fuel consumed and suppliers’ certification of sulfur content, and heating value;
 - 2) Cold starts (date, time and duration of each occurrence);
 - 3) Total operating hours (hours/day, monthly and 12-month); and
 - 4) Records of operation, maintenance, inspection, calibration and/or replacement of combustion equipment.
- d. The permittee shall report the Monthly and 12-month data required to be recorded by condition VI.A.c above to the Department in accordance with General Condition III.15. [§2103.12.k]

B. Sources of Minor Significance

- a. The following table summarizes additional processes and/or activities conducted at the Del Monte facility that were determined to be of minor significance:

Table VI-B-1: Sources of Minor Significance

Facility ID	Source Description	Basis for Exemption
D001	Diesel Fuel Tank	Fuel oil storage – 1,000 gallons
D002	Diesel Fuel Tank	Fuel oil storage – 500 gallons
D006	Diesel Fuel Tank	Fuel oil storage – 115 gallons
E001	Bulk Starch Silo	Enclosed silo with bag filter
E002	Bulk Flour Silo	Enclosed silo with bag filter
E003 & E004	Coal Silos	Enclosed silo with bag filter
E005	Fly-Ash Silo	Enclosed silo with bag filter
F001	Roads & Vehicles	PTE <0.22 tpy PM and <0.05 tpy PM ₁₀
G001	Miscellaneous Source – Glue	PTE < 0.15 tpy VOC
G002	Miscellaneous Source – Ink	PTE <4.8 tpy VOC

- b. All air pollution control equipment for silos E001 through E005 shall be properly installed, maintained, and operated consistent with good air pollution control practice. [§2105.03]
- c. The permittee shall keep and maintain the following data for each silo: [§2103.12.j & k]
- 1) Monthly and annual throughput;
 - 2) Records of maintenance and inspection of silos; and
 - 3) Records of maintenance and inspection of bag filters.
- d. The permittee shall keep and maintain records of monthly and annual use of solvent-based glue and solvent-based ink. Records shall include type of solvent-based product used and amount. [§2103.12.j & k]
- e. The permittee shall report the monthly and 12-month data required to be recorded by condition VI.B.c and d above to the Department in accordance with General Condition III.15. [§2103.12.k]

VII. ALTERNATIVE OPERATING SCENARIOS

No alternative operating scenarios exist for this facility.

VIII. EMISSIONS LIMITATIONS SUMMARY

[This section is provided for informational purposes only and is not intended to be an applicable requirement.]

The emission limitations for the Del Monte Corporation Pittsburgh facility are summarized in the following table:

**TABLE VIII-1
Emission Limitations**

Pollutant	Annual Emissions (tons/year*)
Particulate Matter (PM)	219.96
PM ₁₀	207.61
Nitrogen Oxides (NO _x)	378.92
Sulfur Oxides (SO ₂)	1,119
Carbon Monoxide (CO)	300.73
Volatile Organic Compounds (VOC's)	9.46
Hydrochloric Acid (HCl)	53.62
Hydrofluoric Acid (HF)	6.70

* A year is defined as any consecutive 12-month period.