AIR EMISSION PERMIT NO. 13700063- 002
IS ISSUED TO

National Steel Corporation

NATIONAL STEEL PELLET COMPANY
Mine Road
Keewatin, Itasca County, Minnesota 55753

The emission units, control equipment and emission stacks at the stationary source authorized in this permit are as described in the following permit application(s):

Permit Type	Application Date
Total Facility Operating Permit	January 15, 1995
Administrative Amendment	April 20, 1998

This permit authorizes the Permittee to operate the stationary source at the address listed above unless otherwise noted in Table A. The Permittee must comply with all the conditions of the permit. Any changes or modifications to the stationary source must be performed in compliance with Minn. R. 7007.1150 to 7007.1500. Terms used in the permit as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

Permit Type: Federal ; Part 70 Administrative Amendment

Issue Date: August 8, 1997 **August 17, 1998**

Expiration: August 8, 2002 August 8, 2002 All Title I Conditions do not expire.

DATED: August 17, 1998

Michael J. Sandusky
Division Manager
Air Quality Division

for Peder A. Larson
Commissioner
Minnesota Pollution Control Agency

HJ:yma

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NOTICE TO THE PERMITTEE:

Your stationary source may be subject to the requirements of the Minnesota Pollution Control Agency's (MPCA) solid waste, hazardous waste, and water quality programs. If you wish to obtain information on these programs, including information on obtaining any required permits, please contact the MPCA general information number at:

Metro Area	(651)296-6300
Outside Metro Area	1-800-657-3864
TTY	(651)282-5332

The rules governing these programs are contained in Minn. R. chs. 7000-7105. Written questions may be sent to: Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194.

Questions about this air emission permit or about air quality requirements can also be directed to the telephone numbers and address listed above.

PERMIT SHIELD:

Subject to the limitations in Minn. R. 7007.1800, compliance with the conditions of this permit shall be deemed compliance with the specific provision of the applicable requirement identified in the permit as the basis of each condition. Certain requirements which have been determined not to apply are listed in Table A of this permit.

The permit shield, however does not apply to:

1. Any national ambient air quality standards adopted under section 109 of the Clean Air Act or increment or visibility under Part C of Title I of the Clean Air Act.
2. Any state ambient air quality standard under Minn. R. ch. 7009, and
3. The state noise pollution control rules, Minn. R. ch. 7030.

FACILITY DESCRIPTION:

The Permittee operates a taconite (iron ore) mine and processing plant in Keewatin, Minnesota. The facility produces taconite pellets for use as a primary raw ingredient at iron and steel mills. Major activity areas at the facility include: mines and crushers, concentrating, pelletizing, pellet storage and loadout, additive receiving and handling, concentrate storage, loadout and receiving, and support activities.

AMENDMENT 1 DESCRIPTION:

The Permittee has completed the initial performance tests on Groups 1 and 4 (GP 001 and GP 004) for Particulate Matter (PM) and opacity emissions from a representative emission unit (EU), as required by Air Emission Permit No. 13700063-001. The Permittee tested said emissions from Crude Ore Feed Line EU 005 in GP 001 and Phase II Grate Discharge EU 022 in GP 004 during the period October 21-24, 1997. The MPCA issued a Notice of Compliance for each EU on December 12, 1997.

Since the performance tests demonstrated emissions of PM and opacity from both EUs are far below the emission limits set in Air Emission Permit No. 13700063-001, the Permittee does not have to conduct a test for PM and opacity emissions from a representative EU in these GPs for a period of 60 calendar months or until October, 2002. However, GP 004 contains two EUs and EU 021 was not in operation at the time Air Emission Permit No. 13700063- 001, was issued and therefore, Table A: Limits and Other Requirements, Page A-7 lists a requirement to conduct a test for PM and opacity emissions within 180 days of resumption of operation of EU 021. Therefore, this requirement remains the same in this permit.

In this permit Air Emission Permit No. 13700063-002, the initial performance test requirements are deleted and the recurring performance test requirements are added as shown on pages A-4 and A-7 in Table A. In addition, Table B: Submittals, pages B-4 and B-5 no longer lists submittals for the completed initial performance test requirements; but lists these submittals for the future completed performance test requirements, as shown on pages B-4 and B-5.

The amendment was granted per Minn. R. 7007.1400, subp. 1.C.

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Table A contains limits and other requirements with which your facility must comply. The limits are located in the first column of the table (What To do). The limits can be emission limits or operational limits. This column also contains the actions that you must take and the records you must keep to show that you are complying with the limits. The second column of Table A (Why to do it) lists the regulatory basis for these limits. Appendices included as conditions of your permit are listed in Table A under total facility requirements.

Subject Item: **Total Facility**

What to do	Why to do it
Air Pollution Control Equipment: Operate all air pollution control equipment whenever the corresponding process equipment and emission units are operated, unless otherwise noted in Table A.	Minn. R. 7007.0800, subp. 2; Minn. R. 7007.0800, subp. 16(J)
Comply with the O & M Plan: Follow the actions and recordkeeping specified in the O & M plan. The plan may be amended with Commissioners written approval.	Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Shutdowns: Notify the Commissioner at least 24 hours in advance of shutdown of any process or control equipment if the shutdown would cause an increase in the emission of air contaminants. At the time of notification, notify the Commissioner of the cause of the shutdown and the estimated duration. Notify the Commissioner again when the shutdown is over.	Minn. R. 7019.1000, subp. 1
Breakdowns: Notify the Commissioner immediately of a breakdown of more than one hour duration of any process or control equipment if the breakdown causes an increase in the emission of air contaminants. At the time of notification or as soon thereafter as possible, the Permittee shall also notify the Commissioner of the cause of the breakdown and the estimated duration. Notify the Commissioner again when the breakdown is over.	Minn. R. 7019.1000, subp. 2
Monitoring Equipment: Install or make needed repairs to monitoring equipment within 180 days of permit issuance, if monitoring equipment is not installed on the date the permit is issued for CE001 - CE018, CE020, CE022, CE024, CE030 - CE032, and CE034 - CE036.	Minn. R. 7007.0800, subp. 4(D)
Monitoring Equipment Debugging, Troubleshooting, and Establishment of Parameter Ranges: Complete within 180 days of installation or of completion of needed repairs of all monitoring equipment, including the air pollution control equipment operating at the time of permit issuance CE001 - CE018, CE020, CE022, CE024, CE030 - 032 and CE034 - CE036, and the idled phase 1 air pollution control equipment that may resume operation in the future, CE019, CE021, CE023, CE027 - CE029 and CE033.	Minn. R. 7007.0800, subp. 4(D)
Monitoring Equipment: Install or make needed repairs to monitoring equipment within 30 days of resuming operation of any idled phase 1 emission units and associated air pollution control equipment. The idled phase 1 air pollution control equipment are CE019, CE021, CE023, CE027 - CE029 and CE033.	Minn. R. 7007.0800, subp. 4(D)
Monitoring Equipment Calibration: Annually calibrate all required monitoring equipment (any requirements applying to continuous emission monitors are listed separately in this permit).	Minn. R. 7007.0800, subp. 4(D)
Operation of Monitoring Equipment: Unless otherwise noted in Table A, B, and/or C, monitoring a process or control equipment connected to that process is not necessary during periods when the process is shutdown, such as for system breakdowns, repairs, calibration checks, and zero and span adjustments (as applicable). Monitoring records should reflect any such periods of process shutdown.	Minn. R. 7007.0800, subp. 4(D)
Visible Emissions Check: Prior to approval of the O & M Plan, the Permittee shall check visible emissions from SV001-032, 034, 037, and 038 once daily when in operation during daylight hours. A form(s) meeting the requirements of Appendix I shall be used to indicate whether process or control equipment requires attention. In the event the Permittee makes a finding that attention is required, the Permittee shall investigate the process and control equipment performance and implement appropriate corrective action, if necessary. Upon approval of the O & M Plan, the Permittee shall check visible emissions from SV001-032, 034, 037, and 038 once daily when in operation during daylight hours. The Permittee shall use the visible emissions checklists in the O & M Plan as a means to indicate when appropriate corrective actions in the O & M Plan should be taken.	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Visible Emissions Checklist(s): The permittee shall use one or more checklists that contain SV001-032, 034, 037, 038. These checklist(s) will be a part of the O&M plan. The checklist or checklists must contain at a minimum the information contained in Appendix I.	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
For SV003, 029-031 the visible emissions checklist(s) will require a daily check of gas stream pressure drop if the plume is limited by visible moisture. For SV001, 002, 004, 019-022 the visible emissions checklist(s) will require a daily check of gas stream pressure drop and total water pressure if the plume is limited by visible moisture.	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Fugitive Dust Observations: Prior to the approval of the fugitive control plan, the Permittee shall observe fugitive dust sources FS003-005, 007, 009, 011, 014-016, 019, 025, 028, 031-033, and 035-039 once daily during daylight hours. A form(s) meeting the requirements of Appendix I shall be used to check fugitive dust control practices. In the event the Permittee makes a finding that attention to fugitive dust sources is required, the Permittee shall investigate the fugitive dust sources and implement corrective action, if necessary. Upon approval of the fugitive control plan, the Permittee shall observe fugitive dust sources FS003-005, 007, 009, 011, 014-016, 019, 025, 028, 031-033, and 035-039 once daily during daylight hours. The Permittee shall use the fugitive sources visible emissions checklist(s) in the fugitive dust control plan as a means to indicate when appropriate corrective actions in the fugitive control plan are taken..	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Fugitive Sources Visible Emissions Checklist(s): The permittee shall use one or more checklists that contain FS003-005, 007, 009, 011, 014-016, 019, 025, 028, 031-033, and 035-039. These checklist(s) will be a part of the Fugitive Control Plan. The checklist or checklists must contain at a minimum the information contained in Appendix I.	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Visible Emissions Training: The Permittee shall (1) ensure that one plant employee obtain an initial EPA Method 9 certification and be recertified every three years or (2) employ a similarly certified contractor. This person will train other plant employees to perform the daily visible emissions check as detailed in the O & M Plan and Fugitive Control Plan.	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Circumvention: Do not install or use a device or means that conceals or dilutes emissions, which would otherwise violate a federal or state air pollution control rule, without reducing the total amount of pollutant emitted.	Minn. R. 7011.0020
Performance Testing: Conduct all performance tests in accordance with Minn. R. ch. 7017 unless otherwise noted in Tables A, B and/or C.	Minn. R. ch. 7017
Performance Tests: Performance testing for EU005-018, 020, 022, 024, 030-032, and 037-038 and their associated control equipment and stacks shall be tested at a green ball feed rate of greater than or equal to 810 long tons per hour. The performance testing for EU001-004 and their associated control equipment and stacks shall be tested at greater than or equal to 90% of the emission units rated capacity. If a performance test is conducted at less than the applicable minimum rate given above the Permittee shall be given the opportunity to retest within 90 days of the subject test before process limits can be applied as specified in Minn. R. 7017.2025, subpart 3. Once a process limit has been applied the Permittee may at any time conduct a voluntary performance test at or above the applicable minimum rate in order to remove the process limit.	Minn. R. 7017.2025
Performance tests meeting the requirements of Minn. R. 7017.2001 through 7017.2060 conducted after May 13, 1997, but before permit issuance may be used to meet the requirements of an initial performance test required by Table A of this permit.	Minn. R. 7017.2025
Oral Notification of Deviations Endangering Human Health or the Environment: Within 24 hours of discovery, orally notify the Commissioner of any deviation from permit conditions which could endanger human health or the environment.	Minn. R. 7007.0800, subp. 6(A)
The Discovery of Deviations Endangering Human Health or the Environment Report (written): are due two (2) working days after discovery of deviation, submit a written description of any deviation endangering human health or the environment to the Commissioner. Include the following information in this written description: cause of the deviation; exact dates of the period of the deviation; if the deviation has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.	Minn. R. 7007.0800, subp. 6(A)
Application for Permit Amendment: If you need a permit amendment, submit application in accordance with the requirements of Minn. R. 7007.1150 through Minn. R. 7007.1500. Submittal dates vary, depending on the type of amendment needed.	Minn. R. 7007.1150 through Minn. R. 7007.1500
Emission Fees: due 60 days after receipt of an MPCA bill.	Minn. R. 7002.0005 through Minn. R. 7002.0095
Fugitive Emissions: Do not cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. Comply with all other requirements listed in Minn. R. 7011.0150.	Minn. R. 7011.0150
Fugitive Control Plan: Comply with the fugitive control plan. Follow the actions and recordkeeping specified in the fugitive control plan. The plan may be amended with the Commissioners approval. If the Commissioner determines the Permittee is out of compliance with Minn. R. 7011.0150, or fugitive control plan, then the Permittee may be required to amend the fugitive control plan.	Minn. R. 7011.0150

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Inspections: Upon presentation of credentials and other documents as may be required by law, allow the Agency, or its representative, to enter the Permittee's premises, to have access to and copy any records required by this permit, to inspect at reasonable times (which include any time the source is operating) any facilities, equipment, practices or operations, and to sample or monitor any substances or parameters at any location.	Minn. R. 7007.0800, subp. 9(A)
Recordkeeping: Maintain records describing any insignificant modifications (as required by Minn. R. 7007.1250, subp. 3) or changes contravening permit terms (as required by Minn. R. 7007.1350, subp. 2), including records of the emissions resulting from those changes.	Minn. R. 7007.0800, subp. 5(B)
Recordkeeping: Retain all records at the stationary source for a period of five (5) years from the date of monitoring, sample, measurement, or report. Records which must retained at this location include all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records must conform to the requirements listed in Minn. R. 7007.0800, subp. 5(A).	Minn. R. 7007.0800, subp. 5(C)
Extension Requests: The Permittee may apply for an Administrative Amendment to extend a deadline in a permit by no more than 120 days, provided the proposed deadline extension meets the requirements of Minn. R. 7007.1400, subp. 1(H).	Minn. R. 7007.1400, subp. 1(H)
Noise: The Permittee shall comply with the noise standards set forth in Minn. R. 7030.0010 to 7030.0080 at all times during the operation of any emission units. This is a state only requirement and is not federally enforceable.	Minn. R. 7030.0010 - 7030.0080
Material Usage: less than or equal to 1.5 percent by weight of the pellet weight shall be the limit for fluxstone (limestone, dolomite, or similar additives) usage in pellet production on a calendar month average.	Minn. R. 7007.0800, subp. 2
Maintain monthly fluxstone purchase and pellet production records: calculate the percentage of fluxstone usage and maintain these records on site within fifteen (15) days after the end of the month; include these records and the 1.5% fluxstone usage limit when reporting deviation.	Minn. R. 7007.0800, subp. 2
The Permittee shall comply with the General Conditions listed in Minn. R. 7007.0800, subp. 16.	Minn. R. 7007.0800, subp. 16
Contractors: The Permittee shall retain records on site of all contractors that are allowed on site that include any crushers, screens and conveyors. The Permittee shall also retain records on site of all contractors whose operations would require an Air Emissions Permit from the MPCA. The records shall include the contractors company name, MPCA air emissions permit number, short description of activities undertaken by the contractor, estimate of emissions or materials handled and the dates the contractor was on site. The record shall be updated at least monthly.	Minn. R. 7007.0800, subp. 2
Prior to resumption of operation of idled phase 1 equipment, the Permittee shall complete initial modeling of the following idled phase 1 emission units: EU019, 021, 023, 025, 027, 028, and 029. The modeling shall include all phase 1 emission units, phase 2 emission units, and fugitive sources. The initial modeling shall be performed according to the modeling protocol that was approved on March 13, 1997, by the MPCA and revised to include the idled phase 1 emission units. Any changes to the protocol that were approved by the MPCA and/or U.S. EPA in writing after March 13, 1997, shall also be incorporated into the revised protocol.	Minn. R. 7007.0800, subp. 2 and Minn. R. ch. 7009 and 40 CFR pt. 50

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **GP 001 Six crude ore feed lines, conveyor transfer**

Associated Items: CE 005 Wet Scrubber-High Efficiency w/o Lime

CE 006 Wet Scrubber-High Efficiency w/o Lime

CE 007 Wet Scrubber-High Efficiency w/o Lime

CE 008 Wet Scrubber-High Efficiency w/o Lime

CE 009 Wet Scrubber-High Efficiency w/o Lime

CE 010 Wet Scrubber-High Efficiency w/o Lime

EU 005 Conveyor Transfer-Crude Ore Feed

EU 006 Conveyor Transfer-Crude Ore Feed

EU 007 Conveyor Transfer-Crude Ore Feed

EU 008 Conveyor Transfer-Crude Ore Feed

EU 009 Conveyor Transfer-Crude Ore Feed

EU 010 Conveyor Transfer-Crude Ore Feed

SV 005

SV 006

SV 007

SV 008

SV 009

SV 010

What to do	Why to do it
Performance Test: due before end of each 60 months starting 10/01/97 to determine PM and opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before end of each 60 months starting 10/01/97 (30 days before each performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **GP 002 Four crude ore feed lines, conveyor trans.**

Associated Items: CE 011 Wet Scrubber-High Efficiency w/o Lime

CE 012 Wet Scrubber-High Efficiency w/o Lime

CE 013 Wet Scrubber-High Efficiency w/o Lime

CE 014 Wet Scrubber-High Efficiency w/o Lime

EU 011 Conveyor Transfer-Crude Ore Feed

EU 012 Conveyor Transfer-Crude Ore Feed

EU 013 Conveyor Transfer-Crude Ore Feed

EU 014 Conveyor Transfer-Crude Ore Feed

SV 011

SV 012

SV 013

SV 014

What to do	Why to do it
Initial Performance Test: due 1,095 days after Permit Issuance on one (1) representative unit to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **GP 003 Phase 1 & 2 grate feed**

Associated Items: CE 019 Wet Scrubber-High Efficiency w/o Lime

CE 020 Wet Scrubber-High Efficiency w/o Lime

EU 019 Grate Feed, Phase I

EU 020 Grate Feed, Phase II

SV 019

SV 020

What to do	Why to do it
Initial Performance Test: due 1,095 days after Permit Issuance on one (1) representative unit to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Resumption Performance Test: due 180 days after the resumption of operation of EU019 to measure emissions of PM and Opacity emissions. This test is in addition to the other testing required for GP 003.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **GP 004 Phase 1 & 2 grate discharge**

Associated Items: CE 021 Wet Scrubber-High Efficiency w/o Lime

CE 022 Wet Scrubber-High Efficiency w/o Lime

EU 021 Grate Discharge, Phase I

EU 022 Grate Discharge, Phase II

SV 021

SV 022

What to do	Why to do it
Resumption Performance Test: due 180 days after the resumption of operation of EU021 to measure PM and Opacity emissions. This test is in addition to the other testing required for GP 004.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months starting 10/01/97 to determine PM and opacity emissions from EU 022.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before end of each 60 months starting 10/01/97 (30 days before each performance test) for EU022.	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **GP 005 2 pellet screening system emission pts**

Associated Items: CE 037 Wet Scrubber-High Efficiency w/o Lime

CE 038 Wet Scrubber-High Efficiency w/o Lime

EU 037 Pellet Screening System

EU 038 Conveyor Drop

SV 037

SV 038

What to do	Why to do it
Initial Performance Test: due 1,095 days after Permit Issuance on one (1) representative unit to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months following Initial Performance Test to measure PM and Opacity emissions. The tests shall be conducted at an interval not to exceed 60 months between dates.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Performance Test Pre-test Meeting: due 7 days before end of each 60 months following Initial Performance Test (7 days before recurring performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **GP 006 Phase 1 & 2 Additive Blending**

Associated Items: CE 015 Wet Scrubber-High Efficiency w/o Lime

CE 016 Wet Scrubber-High Efficiency w/o Lime

EU 015 Additive Blending, Phase I

EU 016 Additive Blending, Phase II

SV 015

SV 016

What to do	Why to do it
Initial Performance Test: due 1,460 days after Permit Issuance to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months following Initial Performance Test to measure PM and Opacity emissions. The tests shall be conducted at an interval not to exceed 60 months between test dates.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Performance Test Pre-test Meeting: due 7 days before end of each 60 months following Initial Performance Test (7 days before recurring performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 001**

Associated Items: EU 001 Gyratory Crusher-Primary Crusher No.1

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 1,460 days after Permit Issuance to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months following Initial Performance Test to measure PM and Opacity emissions. The tests shall be conducted at an interval not to exceed 60 months between test dates.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Performance Test Pre-test Meeting: due 7 days before end of each 60 months following Initial Performance Test (7 days before recurring performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 002**

Associated Items: EU 002 Gyratory Crusher-Primary Crusher No.2

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 730 days after Permit Issuance to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 003**

Associated Items: EU 003 Conveyor Transfer-Drive House No. 1 Primary Conveyor

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 1,460 days after Permit Issuance to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months following Initial Performance Test to measure PM and Opacity emissions. The tests shall be conducted at an interval not to exceed 60 months between test dates.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Performance Test Pre-test Meeting: due 7 days before end of each 60 months following Initial Performance Test (7 days before recurring performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 004**

Associated Items: EU 004 Conveyor Transfer-Drive House No. 2 Primary Conveyor

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 1,460 days after Permit Issuance to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 005**

Associated Items: EU 005 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 006**

Associated Items: EU 006 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 007**

Associated Items: EU 007 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 008**

Associated Items: EU 008 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 009**

Associated Items: EU 009 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 010**

Associated Items: EU 010 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 011**

Associated Items: EU 011 Conveyor Transfer-Crude Ore Feed

GP 002 Four crude ore feed lines, conveyor trans.

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 012**

Associated Items: EU 012 Conveyor Transfer-Crude Ore Feed

GP 002 Four crude ore feed lines, conveyor trans.

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 013**

Associated Items: EU 013 Conveyor Transfer-Crude Ore Feed

GP 002 Four crude ore feed lines, conveyor trans.

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 014**

Associated Items: EU 014 Conveyor Transfer-Crude Ore Feed

GP 002 Four crude ore feed lines, conveyor trans.

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 015**

Associated Items: EU 015 Additive Blending, Phase I

GP 006 Phase 1 & 2 Additive Blending

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 016**

Associated Items: EU 016 Additive Blending, Phase II

GP 006 Phase 1 & 2 Additive Blending

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 017**

Associated Items: EU 017 Additive Silo, Phase I

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 018**

Associated Items: EU 018 Additive Silo, Phase II

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 019**

Associated Items: EU 019 Grate Feed, Phase I

GP 003 Phase 1 & 2 grate feed

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: Upon resuming operation of EU019 the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 020**

Associated Items: EU 020 Grate Feed, Phase II

GP 003 Phase 1 & 2 grate feed

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 021**

Associated Items: EU 021 Grate Discharge, Phase I

GP 004 Phase 1 & 2 grate discharge

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: Upon resuming operation of EU021 the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 022**

Associated Items: EU 022 Grate Discharge, Phase II

GP 004 Phase 1 & 2 grate discharge

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 023**

Associated Items: EU 023 Cooler Dump Zone, Phase I

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: Upon resuming operation of EU023 the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 180 days after Resuming Operation of EU023 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 024**

Associated Items: EU 024 Cooler Vibrating Feeder - Phase II

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 730 days after Permit Issuance to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months following Initial Performance Test to measure PM and Opacity emissions. The tests shall be conducted at an interval not to exceed 60 months between test dates.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Performance Test Pre-test Meeting: due 7 days before end of each 60 months following Initial Performance Test (7 days before recurring performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 025**

Associated Items: EU 025 Pellet Cooler - Phase I

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Initial Performance Test: due 180 days after Resuming Operation of EU025 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Process monitoring: Upon resuming operation of EU025 the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 026**

Associated Items: EU 026 Pellet Cooler - Phase II

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Initial Performance Test: due 180 days after Permit Issuance to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each year following Initial Performance Test to measure PM and Opacity emissions. The tests shall be conducted at an interval not to exceed 12 months between test dates.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Performance Test Pre-test Meeting: due 7 days before end of each year following Initial Performance Test (7 days before recurring performance test)	Minn. R. 7017.2030, subp. 4
Performance testing frequency for Total Particulate Matter and Opacity can be changed to once every three years after three consecutive annual tests have demonstrated compliance with the emission limits.	Minn. R. 7017.2020, subp. 1
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 027**

Associated Items: EU 027 Cooler Vibrating Feeder - Phase I

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: Upon resuming operation of EU027 the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 180 days after Resuming Operation of EU027 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 028**

Associated Items: EU 028 Pellet Product Conveyor - Phase I

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Initial Performance Test: due 180 days after Resuming Operation of EU028 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Process monitoring: Upon resuming operation of EU028 the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 029**

Associated Items: EU 029 Grate Kiln - Indurator Waste Gas, Phase I

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: Upon resuming operation of EU029 the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 180 days after Resuming Operation of EU029 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 030**

Associated Items: EU 030 Grate Kiln - Indurator Waste Gas, Phase II

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 031**

Associated Items: EU 030 Grate Kiln - Indurator Waste Gas, Phase II

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 032**

Associated Items: EU 032 Pellet Cooler Product Belts

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Initial Performance Test: due 730 days after Permit Issuance to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 034**

Associated Items: EU 034 Pellet Loadout Drive House

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0710, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity , except that the following is allowed: A maximum of 60% opacity for 4 minutes in any 60-minute period and a maximum of 40% opacity for 4 additional minutes in any 60-minute period.	Minn. R. 7011.0710, subp. 1(B)
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 037**

Associated Items: EU 037 Pellet Screening System

GP 005 2 pellet screening system emission pts

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.05 grams/dry standard cubic meter	40 CFR Section 60.385(b); Minn. R. 7011.2700
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **SV 038**

Associated Items: EU 038 Conveyor Drop

GP 005 2 pellet screening system emission pts

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.05 grams/dry standard cubic meter	40 CFR Section 60.385(b); Minn. R. 7011.2700
Process monitoring: the visual emissions observer in the facility staff shall check stack visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **EU 030 Grate Kiln - Indurator Waste Gas, Phase II**

Associated Items: CE 030 Centrifugal Collector - High Efficiency

CE 031 Centrifugal Collector - High Efficiency

CE 035 Centrifugal Collector - Medium Efficiency

CE 036 Centrifugal Collector - Medium Efficiency

SV 030

SV 031

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Total Particulate Matter: greater than or equal to 85 percent collection efficiency or higher for the pollution control equipment, the entire emission facility is in compliance with NAAQS and MAAQS, and the emission facility is located not less than one-fourth mile from any residence or public roadway. (This is an Alternative demonstration of compliance to Total Particulate Matter Limit.)	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
Initial Performance Test: due 365 days after Permit Issuance to measure PM and Opacity emissions. SV030 and SV031 shall be tested simultaneously.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 36 months following Initial Performance Test to measure PM and Opacity emissions. The test shall be conducted at an interval not to exceed 36 months between test dates. SV030 and SV031 shall be tested simultaneously.	Minn. R. 7017.2020, subp. 1
Initial Performance Test Pre-test Meeting: due 7 days before Initial Performance Test	Minn. R. 7017.2030, subp. 4
Performance Test Pre-test Meeting: due 7 days before end of each 36 months following Initial Performance Test (7 days before recurring performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 001 Centrifugal Collector - Medium Efficiency**

Associated Items: EU 001 Gyratory Crusher-Primary Crusher No.1

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 002 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 002 Gyratory Crusher-Primary Crusher No.2

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 003 Centrifugal Collector - Medium Efficiency**

Associated Items: EU 003 Conveyor Transfer-Drive House No. 1 Primary Conveyor

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 004 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 004 Conveyor Transfer-Drive House No. 2 Primary Conveyor

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 005 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 005 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 006 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 006 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 007 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 007 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 008 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 008 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 009 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 009 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 010 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 010 Conveyor Transfer-Crude Ore Feed

GP 001 Six crude ore feed lines, conveyor transfer

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 011 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 011 Conveyor Transfer-Crude Ore Feed

GP 002 Four crude ore feed lines, conveyor trans.

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 012 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 012 Conveyor Transfer-Crude Ore Feed

GP 002 Four crude ore feed lines, conveyor trans.

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 013 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 013 Conveyor Transfer-Crude Ore Feed

GP 002 Four crude ore feed lines, conveyor trans.

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 014 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 014 Conveyor Transfer-Crude Ore Feed

GP 002 Four crude ore feed lines, conveyor trans.

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 015 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 015 Additive Blending, Phase I

GP 006 Phase 1 & 2 Additive Blending

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 016 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 016 Additive Blending, Phase II

GP 006 Phase 1 & 2 Additive Blending

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 017 Fabric Filter - Low Temperature, i.e., T<180 Degrees F**

Associated Items: EU 017 Additive Silo, Phase I

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 018 Fabric Filter - Low Temperature, i.e., T<180 Degrees F**

Associated Items: EU 018 Additive Silo, Phase II

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 019 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 019 Grate Feed, Phase I

GP 003 Phase 1 & 2 grate feed

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 020 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 020 Grate Feed, Phase II

GP 003 Phase 1 & 2 grate feed

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 021 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 021 Grate Discharge, Phase I

GP 004 Phase 1 & 2 grate discharge

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 022 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 022 Grate Discharge, Phase II

GP 004 Phase 1 & 2 grate discharge

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 023 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 023 Cooler Dump Zone, Phase I

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 024 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 024 Cooler Vibrating Feeder - Phase II

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 027 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 027 Cooler Vibrating Feeder - Phase I

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 028 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 028 Pellet Product Conveyor - Phase I

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 029 Centrifugal Collector - High Efficiency**

Associated Items: EU 029 Grate Kiln - Indurator Waste Gas, Phase I

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every 24 hours when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 030 Centrifugal Collector - High Efficiency**

Associated Items: EU 030 Grate Kiln - Indurator Waste Gas, Phase II

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every 24 hours when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 031 Centrifugal Collector - High Efficiency**

Associated Items: EU 030 Grate Kiln - Indurator Waste Gas, Phase II

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every 24 hours when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 032 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 032 Pellet Cooler Product Belts

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 034 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 034 Pellet Loadout Drive House

What to do	Why to do it
Gas Stream Pressure drop: Monitor and record once every seven (7) days when in operation once the pressure gauge is installed. Complete pressure drop monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Total water pressure: Monitor and record once every seven (7) days when in operation once the water total pressure gauge is installed.Complete water total pressure monitoring equipment debugging, troubleshooting, and establishment of parameter range within 180 days of installation.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 037 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 037 Pellet Screening System

GP 005 2 pellet screening system emission pts

What to do	Why to do it
Gas Stream Pressure Drop: Monitor and record once every seven (7) days when in operation.	40 CFR Section 60.385(b); Minn. R. 7011.2700
Liquid Flow Rate: Monitor and record once every seven (7) days when in operation.	40 CFR Section 60.385(b); Minn. R. 7011.2700

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **CE 038 Wet Scrubber-High Efficiency w/o Lime**

Associated Items: EU 038 Conveyor Drop

GP 005 2 pellet screening system emission pts

What to do	Why to do it
Gas Stream Pressure Drop: Monitor and record once every seven (7) days when in operation.	40 CFR Section 60.385(b); Minn. R. 7011.2700
Liquid Flow Rate: Monitor and record once every seven (7) days when in operation.	40 CFR Section 60.385(b); Minn. R. 7011.2700

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 003 PM10 - Crude Ore Truck Loading

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 004 PM10 - Crude Ore Truck Unload (No. 1)**

Associated Items: CE 102 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 005 PM10 - Crude Ore Truck Unload (No. 2)**

Associated Items: CE 102 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 007 PM10 - Crude Ore Hauling**

Associated Items: CE 103 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 009 PM10 - Crushed Crude Ore Hauling**

Associated Items: CE 103 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 011 PM10 - Crushed Crude Ore Loading

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 014 PM10 - Waste Materials Truck Loading

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 015 PM10 - Waste Materials Hauling**

Associated Items: CE 103 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 016 PM10 - Waste Materials Truck Unloading

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 019 PM10 - Tailings Basin

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 025 PM10 - Emergency Conveyor Loadout - Phase II

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 028 PM10 - Pellet Drop Loadout Bin to Railcar**

Associated Items: CE 104 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 031 PM10 - Portable Conveyors and Bar Screen

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 032 PM10 - Portable Pellet Reclaim & Screen

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: FS 033 PM10 - Pellet Drop Onto Pile

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 035 PM10 - Conveyor Transfer - Crude Ore Storage**

Associated Items: CE 105 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 036 PM10 - Conveyor Transfer - Fines Conveyor**

Associated Items: CE 106 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 037 PM10 - Pellet Conveyor Transfer - 12/43**

Associated Items: CE 106 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 038 PM10 - Pellet Conveyor Transfer - 43/27**

Associated Items: CE 107 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE A: LIMITS AND OTHER REQUIREMENTS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Subject Item: **FS 039 PM10 - Pellet Drop Loadout Conveyor to Loadout Bin**

Associated Items: CE 104 Other

CE 108 Other

What to do	Why to do it
Process monitoring: the visual emissions observer in the facility staff shall check fugitive visible emissions (opacity) once daily using a checklist that at a minimum contains the information required in Appendix I.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)

TABLE B: SUBMITTALS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Table B lists most of the submittals required by this permit. Please note that some submittal requirements may appear in Table A or, if applicable, within a compliance schedule located in Table C. Table B is divided into two sections in order to separately list one-time only and recurrent submittal requirements.

Each submittal must be postmarked or received by the date specified in the applicable Table. Those submittals required by parts 7007.0100 to 7007.1850 must be certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21. Other submittals shall be certified as appropriate if certification is required by an applicable rule or permit condition.

Send any application for a permit or permit amendment to:

Permit Technical Advisor
Permit Section
Air Quality Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Also, where required by an applicable rule or permit condition, send to the Permit Technical Advisor notices of:
- accumulated insignificant activities,
- installation of control equipment,
- replacement of an emissions unit, and
- changes that contravene a permit term.

Unless another person is identified in the applicable Table, send all other submittals to:

Supervisor
Compliance Determination Unit
Air Quality Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Send submittals that are required to be submitted to the U.S. EPA regional office to:

Mr. George Czerniak
Air and Radiation Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

What to send	When to send	Portion of Facility Affected
Application for Permit Reissuance	due 180 days before expiration of Existing Permit	Total Facility
Fugitive Control Plan	due 90 days after Permit Issuance for review and approval by the Commissioner. The plan shall identify all fugitive emission sources, primary and contingent control measures and practices, and records kept. The plan will include a statement of objectives, fugitive emission sources, operating and control measures, dust suppressant application description, corrective actions, training, and records. The Commissioner may require additions or changes to the Fugitive Emission Control Plan when granting approval. The Permittee will be given an opportunity to comment on any required additions or changes to the plan before the Commissioner grants approval of the plan.	Total Facility
Initial Performance Test Notification (written)	due 30 days before Initial Performance Test	EU030, GP002, GP003, GP005, GP006, SV001, SV002, SV003, SV004, SV023, SV024, SV025, SV026, SV027, SV028, SV029, SV032
Initial Performance Test Plan	due 30 days before Initial Performance Test	EU030, GP002, GP003, GP005, GP006, SV001, SV002, SV003, SV004, SV023, SV024, SV025, SV026, SV027, SV028, SV029, SV032
Initial Performance Test Report - Microfiche Copy	due 105 days after Initial Performance Test	EU030, GP002, GP003, GP005, GP006, SV001, SV002, SV003, SV004, SV023, SV024, SV025, SV026, SV027, SV028, SV029, SV032
Initial Performance Test Report	due 45 days after Initial Performance Test	EU030, GP002, GP003, GP005, GP006, SV001, SV002, SV003, SV004, SV023, SV024, SV025, SV026, SV027, SV028, SV029, SV032
Notification of the Actual Date of Initial Startup	due 15 days after Resuming Operation of idled phase 1 emission units EU019, EU021, EU023, EU025, EU027, EU028, and EU029.	Total Facility
Refined modeling of fugitive sources and all non-idled emissionunits shall be conducted if the Initial Dispersion Modeling results do not demonstrate attainment with the NAAQS and MAAQS. If needed, these Computer Dispersion Modeling Results	due before 01/01/98	Total Facility
Refined modeling results for all non idled emission units and fugitive sources that do not demonstrate attainment with the NAAQS and MAAQS will require the Permittee to develop a Compliance Plan. The plan may include an ambient air monitoring network, installation of pollution control equipment, and/or further refinements to the computer modeling. If required, the Compliance Plan	due 30 days after Computer Dispersion Modeling Results	Total Facility
Testing Frequency Plan	due 90 days after Initial Performance Test required by this permit. Could be 1, 3, or 5 year intervals depending on the margin of compliance during the initial performance test required by this permit.	GP002, GP003, SV002, SV004, SV023, SV025, SV027, SV028, SV029, SV032

TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

The Permittee shall provide an O & M plan for review and approval by the Commissioner. The O & M plan shall identify all air pollution control equipment, a preventative maintenance program for that equipment, description of corrective actions to be taken in the event of a malfunction or breakdown, description of the employee training program, and the records kept to demonstrate plan implementation. The Commissioner may require additions or changes to the O & M plan when granting approval. The Permittee will be given an opportunity to comment on any required additions or changes to the plan before the Commissioner grants approval of the plan. The Operation and Maintenance Plan	due 120 days after Permit Issuance	Total Facility
The Permittee shall revise the O & M plan to include the normal operating ranges for all pollution control equipment monitoring devices for CE001 - CE018, CE020, CE022, CE024, CE030 - CE032, and CE034 - CE036. The Commissioner may require additions or changes to the O & M plan when granting approval. The Permittee will be given an opportunity to comment on any required additions or changes to the plan before the Commissioner grants approval of the plan. The revisions to the Operation and Maintenance Plan	due 365 days after Permit Issuance	Total Facility
The Permittee shall revise the O & M plan to include the phase 1 emission units and associated air pollution control equipment after resuming operation of any phase 1 equipment. The idled phase 1 associated air pollution control equipment is CE019, CE021, CE023, CE027 - CE029 and CE033. Revision of the O & M plan shall include the normal operating ranges for all pollution control equipment monitoring devices. The revisions to the Operation and Maintenance Plan	due 210 days after Resuming Operation	Total Facility
Total facility initial modeling of all phase 1 emission units, phase 2 emission units, and fugitive sources. The permittee shall submit a revised modeling protocol based on the modeling protocol that was approved on March 13, 1997, by the MPCA and revised to include the idled phase 1 emission units. Any changes to the protocol that were approved by the MPCA and/or U.S. EPA in writing after March 13, 1997, shall also be incorporated into the revised Computer Dispersion Modeling Protocol	due 90 days before Resuming Operation	Total Facility
Total facility initial modeling results of all phase 1 emission units, phase 2 emission units, and fugitive sources shall be submitted prior to resuming operation of idled phase 1 emission units. The Total Facility Computer Dispersion Modeling Results	due 60 days before Resuming Operation	Total Facility
Total facility modeling results of all phase 1 emission units, phase 2 emission units, and fugitive sources that do not demonstrate attainment with the NAAQS and MAAQS will require the Permittee to develop a Compliance Plan. The plan may include an ambient air monitoring network, installation of pollution control equipment, and/or further refinements to the computer modeling. If required, the Compliance Plan	due 30 days before Resuming Operation	Total Facility

TABLE B: RECURRENT SUBMITTALS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

What to send	When to send	Portion of Facility Affected
Semiannual Deviations Report	due 30 days after end of each calendar half-year following Permit Issuance . The first report of each calendar year covers January 1 - June 30. The second report of each calendar year covers July 1 - December 31.	Total Facility
Compliance Certification	due 30 days after end of each calendar year following Permit Issuance (for the previous calendar year). To be submitted on a form approved by the Commissioner. The report covers all deviations experienced during the calendar year.	Total Facility
Emissions Inventory Report	due 91 days after end of each calendar year following Permit Issuance (April 1). To be submitted on a form approved by the Commissioner.	Total Facility
Performance Test Notification (written)	due 30 days before end of each year following Initial Performance Test (30 days before each recurring performance test).	SV026
Performance Test Plan	due 30 days before end of each year following Initial Performance Test (30 days before each recurring performance test)	SV026
Performance Test Report - Microfiche Copy	due 105 days after end of each year following Initial Performance Test (105 days after each recurring performance test)	SV026
Performance Test Report	due 45 days after end of each year following Initial Performance Test (45 days after each recurring performance test)	SV026
Performance Test Notification (written)	due 30 days before end of each 36 months following Initial Performance Test (30 days before each recurring performance test).	EU030
Performance Test Plan	due 30 days before end of each 36 months following Initial Performance Test (30 days before recurring performance test)	EU030
Performance Test Report - Microfiche Copy	due 105 days after end of each 36 months following Initial Performance Test (105 days after each recurring performance test)	EU030
Performance Test Report	due 45 days after end of each 36 months following Initial Performance Test (45 days after each recurring performance test)	EU030
Performance Test Notification (written)	due 30 days before end of each 60 months following Initial Performance Test (30 days before each recurring performance test).	GP005, GP006, SV001, SV003, SV024
Performance Test Notification (written)	due 30 days before end of each 60 months starting 10/01/97 (30 days before each performance test)	GP001
Performance Test Notification (written)	due 30 days before end of each 60 months starting 10/01/97 (30 days before each performance test) for EU022.	GP004
Performance Test Plan	due 30 days before end of each 60 months following Initial Performance Test (30 days before each recurring performance test)	GP005, GP006, SV001, SV003, SV024
Performance Test Plan	due 30 days before end of each 60 months starting 10/01/97 (30 days before each performance test)	GP001
Performance Test Plan	due 30 days before end of each 60 months starting 10/01/97 (30 days before each performance test) for EU022.	GP004
Performance Test Report - Microfiche Copy	due 105 days after end of each 60 months following Initial Performance Test (105 days after each recurring performance test)	GP005, GP006, SV001, SV003, SV024
Performance Test Report - Microfiche Copy	due 105 days after end of each 60 months following Performance Test (105 days after each performance test)	GP001

TABLE B: RECURRENT SUBMITTALS

08/17/98

Facility Name: National Steel Pellet Co

Permit Number: 13700063 - 002

Performance Test Report - Microfiche Copy	due 105 days after end of each 60 months following Performance Test (105 days after each performance test) for EU022.	GP004
Performance Test Report	due 45 days after end of each 60 months following Initial Performance Test (45 days after each recurring performance test)	GP005
Performance Test Report	due 45 days after end of each 60 months following Initial Performance Test (45 days after each recurring performance test)	GP006
Performance Test Report	due 45 days after end of each 60 months following Initial Performance Test (45 days after each recurring performance test)	SV001
Performance Test Report	due 45 days after end of each 60 months following Initial Performance Test (45 days after each recurring performance test)	SV003
Performance Test Report	due 45 days after end of each 60 months following Initial Performance Test (45 days after each recurring performance test)	SV024
Performance Test Report	due 45 days after end of each 60 months following Performance Test (45 days after each performance test)	GP001
Performance Test Report	due 45 days after end of each 60 months following Performance Test (45 days after each performance test) for EU022.	GP004

August 17, 1998

Ms. LaTisha Ulrich
Environmental Manager
National Steel Pellet Company
P.O. Box 217
Keewatin, Minnesota 55753

RE: Air Emission Permit No. 13700063-002

Dear Ms. Ulrich:

The enclosed permit, Air Emission Permit No. 13700063-002, authorizes operation of your facility located at Mine Road, Keewatin, Minnesota. It is in response to the permit application dated April 16, 1998, submitted by National Steel Pellet Company. The period for review of the draft permit by the U.S. Environmental Protection Agency ended yesterday. No comment was received by the Minnesota Pollution Control Agency during the review period.

Please read through the permit and review its conditions and requirements. Distribute the permit to staff members responsible for ensuring compliance with the conditions and limitations in the permit. If appropriate, post the permit at the facility.

If you have questions about the permit, please contact me at (651)296-7670.

Sincerely,

Hongming Jiang, Ph.D., P.E.
Staff Engineer
Major Facilities Unit 1
Operations/Planning/Major Facilities Section
North District

HJ:yma

Enclosure

cc: Bob Beresford, Duluth Office - North District
Stuart Arkley, North District
Doug Hall, North District
AQD File No. 62B