

**AIR EMISSION PERMIT NO. 13700113- 002
IS ISSUED TO**

Eveleth Mines LLC

EVTAC Mining - Plant
Highway 16
Forbes, St. Louis County, MN 55738

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 17, 1995
Administrative Amendment – test deadline extension	December 8, 2000 (see letter in correspondence file)
Minor Amendment	December 15, 2000 (revised January 3, 2001)

This permit authorizes the permittee to operate and construct 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: State; True Minor for this amendment

Issue Date: March 9, 2001

Expiration: 02/23/2005 for the Title V permit

All Title I Conditions do not expire.

Ann M. Foss
Manager
North/South Major Facilities

for Karen A. Studders
Commissioner
Minnesota Pollution Control Agency

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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. Subject to the limitations of Minn. R. 7007.1800 and 7017.0100, subp. 2, notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

FACILITY DESCRIPTION:

Crushed ore is unloaded in a covered building. The ore is then transferred by a covered conveyor to the fines crusher building where it is immediately crushed at the third stage crusher or sent to the coarse ore surge pile. The coarse ore surge pile is used to store ore between train shipments or during times when the crusher is down.

Ore is returned from the coarse ore surge pile and fed into one of the five third-stage crushers. Particulate emissions from the third-stage crushers are controlled by wet scrubbers. The oversize material is conveyed to one of eight fourth-stage crushers. Each fourth-stage crusher has a dedicated wet scrubber to control particulate emissions. Undersize material is transferred to the fine ore surge building. Oversize material is recirculated to the fourth stage crushers.

Five concentrator lines receive ore from the fine ore surge building. Particulate emissions from the transfer of fine ore to the concentrator lines are controlled using wet scrubbers. Here ore is ground and magnetic separators remove the magnetite ore from the tailings. Low-magnetic coarse tailings are transported by truck for use as construction material for the tailing basin sidewalls. Fine tailings are pumped in slurry form to the tailings basin. Processes performed in the concentrator are wet operations.

Concentrate is piped as a slurry to the pelletizing plant. The slurry is dewatered with filters and additives are introduced. Green pellets are produced in balling drums and conveyed to one of two travelling grate kilns. Grate feed, grate discharge, kiln induration, and kiln cooler emissions are controlled with wet scrubbers.

Fired pellets are conveyed to pellet storage silos. Pellets are then loaded into rail cars and transported from the facility. Particulate emissions from the pellets are controlled with wet scrubbers and dust suppressants. Intermediate products and byproducts, including but not limited to rocks, tailings, and concentrate, are also sold by the Permittee.

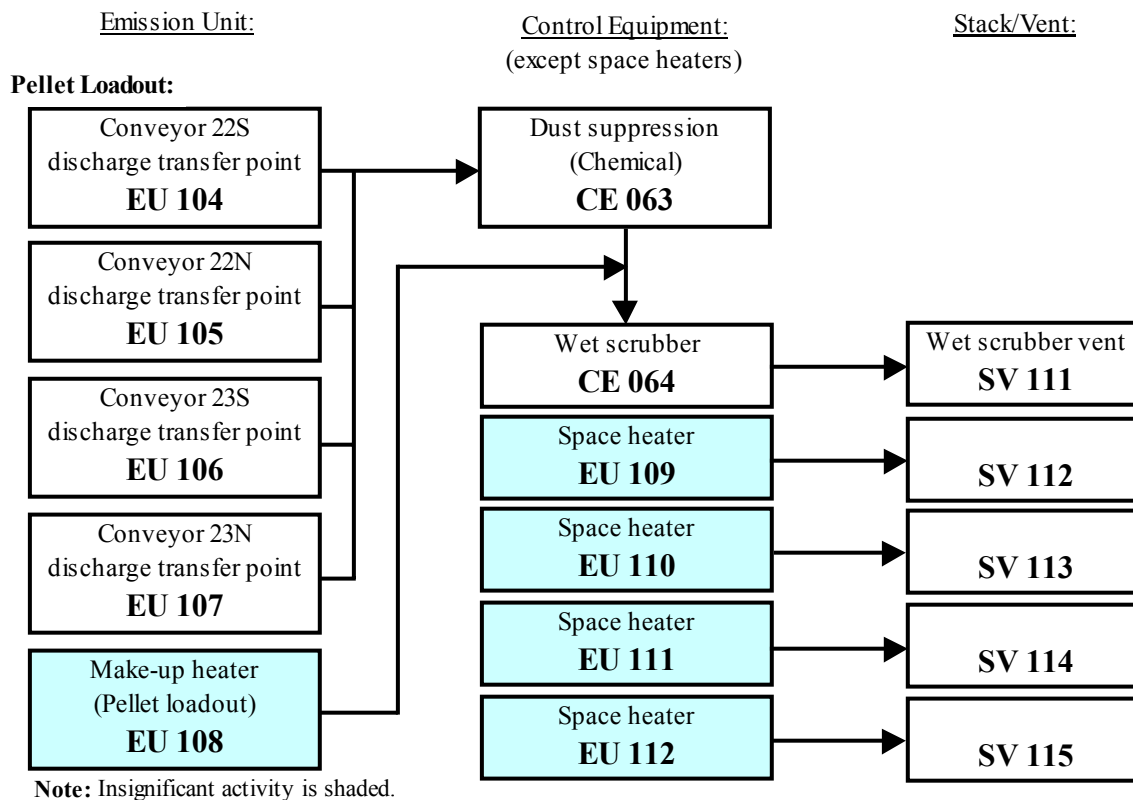
Supporting activities in the Fairlane Plant include maintenance shops and offices.

A MINOR MODIFICATION AND AN ADMINISTRATIVE MODIFICATION:

On October 13, 2000, a fire at the Fairlane Plant destroyed pelletizer conveyors 22N, 22S, 23N, and 23S, and the wet scrubber control device (CE 034) in the Pellet Loadout (PLO) area. This means the removal of EU 046 (pellet loadout conveyor 22S/23S), CE 034 (wet scrubber high efficiency w/o lime), and SV 052 from the facility permit issued on February 23, 2000.

The replacement of fire-destroyed equipment has been determined as a modification, which needs a minor permit amendment as per Minn. R. 7007.1450. In addition, main replacement emission units, which include conveyor discharge transfer points – EU 104 (22S), EU 105 (22N), EU 106 (23S), and EU 107 (23N), are *affected facilities* under federal New Source Performance Standards, subpart LL, (40 CFR 60.380 – 60.386) and Minn. R. 7011.2700. Make-up heater (for pellet loadout) and space heaters (to reduce humidity inside the pellet bins from saturation or near saturation for normal operation of equipment and personnel safety) are insignificant

activities, as per Minn. R. 7007.1300, subp. 3(I). A process diagram of the replacement PLO system, taken from the permit application revised January 3, 2001, is given below.



A new group, GP 007, has been created in the MPCA's permitting database, DELTA, to include all the units shown in the process diagram. Note that unit numbering for emission units (EU's), control equipment (CE's), and stacks/vents (SV's), in the process diagram, was re-ordered with the available slots provided by DELTA. The following table shows conversion between the unit numbers, which were generated on DELTA and are used in this permit, and those, which were given in the permit application revised January 3, 2001.

Unit Numbering in GP 007 for the Minor Permit Amendment

<i>For Emission Units</i>		<i>For Control Equipment</i>	
In this Permit	In Application	In this Permit	In Application
EU 104	EU 069	CE 063	CE 059
EU 105	EU 070	CE 064	CE 061
EU 106	EU 071	<i>For Stacks/Vents</i>	
EU 107	EU 072	In this Permit	In Application
EU 108	EU 366	SV 111	SV 071
EU 109	EU 367	SV 112	SV 367
EU 110	EU 368	SV 113	SV 368
EU 111	EU 369	SV 114	SV 369
EU 112	EU 370	SV 115	SV 370

In future permit actions, especially for facility permit re-issuance, the Permittee shall list unit numbers with consecutive numbers.

Because of the October 13, 2000, fire, the Permittee requested an extension of the performance testing deadline from December 31, 2000 to April 30, 2001 for SV 016, SV 025, SV 042, SV 048, and SV 049, in a letter dated December 8, 2000. The MPCA granted the requested deadline extension for performance testing pursuant to the administrative permit amendment provisions of Minn. R. 7007.1400, subp. 1(H), in a letter dated December 14, 2000. The new testing deadline for these stacks has been incorporated in this permit action under subject items EU 010 (SV 016), EU 019 (SV 025), EU 036 (SV 042), and EU 042 (SV 048 and SV 049).

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 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
OPERATIONAL REQUIREMENTS	hdr
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. The Permittee shall comply with the requirements of the Fugitive Control Plan as an indicator of compliance with Minn.R. 7011.0150.	Minn. R. 7011.0150
Noise: The Permittee shall comply with Minn. R. 7030.0010 to 7030.0080. This is a state-only requirement and is not enforceable by the EPA administrator or citizens under the Clean Air Act.	Minn. R. 7030.0010 - 7030.0080
Opacity Standards: Opacity standards apply at all times except during periods of start-up, shutdown, and malfunction, and as otherwise provided in an applicable requirement or compliance document. The exemption for periods of start-up, shutdown and malfunction applies only if the conditions of Minn. R. 7011.0010, subp. 4(A), (B), and (C) are met.	Minn. R. 7011.0010, subp. 4
Visible Emissions Check: The Permittee shall check visible emissions once daily when in operation during daylight hours using the visible emissions checklists for all sources included in Appendix B. If, based on completion of the checklist, the Permittee determines that additional investigative or remedial action is required, the Permittee shall investigate process and control equipment, and, if necessary, implement appropriate corrective action.	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Visible Emissions Checklists: The Permittee shall use the Stack Emissions Checklists identified in Appendix B. These checklists will become part of the O&M plan upon Plan approval.	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
For all units identified in the Stack Emissions Checklists that are controlled by fabric filters, cyclones, and multiclones, a daily check of pressure drop is required if visible emissions in the plume are unreadable due to visible moisture. For all units identified in the Stack Emissions Checklists that are controlled by scrubbers, a daily check of pressure drop and total water pressure is required if the visible emissions in the plume are unreadable due to visible moisture.	Minn. R. 7007.0800, subp. 4(D) and Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Fugitive Dust Observations: Prior to the approval of the Fugitive Control Plan, the Permittee shall use the Fugitive Emissions Checklists to monitor fugitive dust control practices. The Permittee shall observe fugitive dust sources once daily during daylight hours for all units identified in the Fugitive Emissions Checklists. 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 Fugitive Emissions Checklists shall become part of the Plan. The Permittee shall observe fugitive dust sources once daily during daylight hours for all units identified in the Fugitive Emissions Checklists. The Permittee shall use the Fugitive Emissions Checklists 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 Checklists: The Permittee shall use Fugitive Emissions Checklist identified in Appendix B. These checklist(s) will become part of the Fugitive Control Plan upon Plan approval.	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 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 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)
The Permittee shall comply with all general conditions listed in Minn. R. 7007.0800, subp. 16.	Minn. R. 7007.0800, subp. 16
PLANS	hdr
Comply with the O & M Plan: Follow the actions and recordkeeping specified in the O & M plan. The plan may be amended by the Commissioners written approval.	Minn. R. 7007.0800 subp. 14 and Minn. R. 7007.0800 subp. 16(J)
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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

The Permittee may be required to submit a Risk Management Plan (RMP) under the federal rule, 40 CFR Part 68 which was promulgated on June 20, 1996. The rule requires each owner or operator of a stationary source, at which a regulated substance is present above a threshold quantity in a process, to design and implement an accidental release prevention program. These requirements must be complied with no later than the latest of the following dates: (1) Three years after the date on which a regulated substance is first listed under 40 CFR Section 68.130; or (2) The date on which a regulated substance is first present above a threshold quantity in a process.	40 CFR Part 68
POLLUTION CONTROL EQUIPMENT	hdr
Air Pollution Control Equipment: Operate all 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)
TESTING REQUIREMENTS	hdr
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: A) Performance testing for Line 1 (specifically, EU037-EU041 and the associated control equipment and stacks) shall be tested at a green ball feed rate of greater than or equal to 250 long tons per hour. B) Performance testing for Line 2 (specifically, EU033-EU036 and EU042 and the associated control equipment and stacks) shall be tested at a green ball feed rate of greater than or equal to 630 long tons per hour. C) All other emission units 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, subp. 3.	Minn. R. 7017.2025
MONITORING REQUIREMENTS	hdr
Monitoring Equipment Installation: Install monitoring equipment for air pollution control devices within 180 days of permit issuance. (Monitoring equipment, if not already existing, must be installed within this time period to monitor surrogate parameters such as "Gas Stream Pressure Drop," "Water Flow Rate," and/or "Total Water Pressure," which are listed in Table A for specific Groups and Emission Units.)	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.	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 Tables 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)
RECORD KEEPING	hdr
Record keeping: 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)
Record keeping: 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 be 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)
Contractors: The Permittee shall retain records on site of each contractor that is allowed on site to operate any crushers, screens and conveyors. The Permittee shall also retain records on site of each contractor whose operations would require an air emissions permit from the MPCA. The records for each contractor shall consist of the contractor's company name, MPCA air emissions permit number (if any), short description of on-site activities undertaken by the contractor, estimate materials handled and the dates the contractor was on site. The records shall be updated quarterly. This is a state-only requirement and is not enforceable by the EPA administrator or citizens under the Clean Air Act.	Minn. R. 7011.0800 subp. 2
REPORTING	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

<p>Notification of Deviations Endangering Human Health or the Environment: In the event of any deviation, as defined in part 7007.0100, subpart 8a, which could endanger human health or the environment, notify, orally or in writing, the Commissioner or the state duty officer, as soon as possible after discovery of the deviation. Within two working days of the discovery, submit to the Commissioner a written description of the deviation stating:</p> <p>A. the cause of the deviation; B. the exact dates of the period of the deviation, if the deviation has been corrected; C. whether or not the deviation has been corrected; D. the anticipated time by which the deviation is expected to be corrected, if not yet corrected; and E. steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.</p>	Minn. R. 7007.0800, subp. 6(A), Minn. R. 7019.1000, subp. 1
<p>Shutdowns: Notify the Commissioner at least 24 hours in advance of a planned shutdown of any process or control equipment if the shutdown would cause any increase in the emissions of any regulated air pollutant. If the owner or operator does not have advance knowledge of the shutdown, notification shall be made to the Commissioner as soon as possible after the shutdown. However, notification is not required in the circumstances outlined in Items A, B, and C of Minn. R. 7019.1000, subp. 3.</p> <p>At the time of notification, the owner or operator shall inform the Commissioner of the cause of the shutdown and the estimated duration. The owner or operator shall notify the Commissioner when the shutdown is over.</p>	Minn. R. 7019.1000, subp. 3
<p>Breakdowns: Notify the Commissioner within 24 hours of a breakdown of more than one hour duration of any control equipment or process equipment if the breakdown causes any increase in the emission of any regulated air pollutant. The 24-hour time period starts when the breakdown was discovered or reasonably should have been discovered by the owner or operator. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 2.</p> <p>At the time of notification or as soon as possible thereafter, the owner or operator shall also inform the Commissioner of the cause of the breakdown and the estimated duration. The owner or operator shall notify the Commissioner when the breakdown is over.</p>	Minn. R. 7019.1000, subp. 2
Emission Fees: due 60 days after receipt of an MPCA bill.	Minn. R. 7002.0005 through Minn. R. 7002.0095
MISCELLANEOUS	hdr
<p>Inspections: Upon presentation of credentials and other documents as may be required by law, allow the Agency, or its authorized 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.</p>	Minn. R. 7007.0800, subp. 9(A)
<p>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).</p>	Minn. R. 7007.1400, subp. 1(H)
<p>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.</p>	Minn. R. 7007.1150 through Minn. R. 7007.1500
<p>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.</p>	Minn. R. 7011.0020

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: GP 001 Third Stage Crushers

Associated Items: 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
CE 011 Wet Scrubber-High Efficiency w/o Lime
EU 005 Third Stage Crusher 1
EU 006 Third Stage Crusher 2
EU 007 Third Stage Crusher 3
EU 008 Third Stage Crusher 4
EU 009 Third Stage Crusher 5
SV 011
SV 012
SV 013
SV 014
SV 015

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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. This limit applies to each unit individually.	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 requirement to the Total Particulate Matter Limit.) This limit applies to each unit individually.	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity .	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING	hdr
Performance Test: due before 12/31/2001 on one (1) representative unit to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: GP 002 Fourth Stage Crushers**Associated Items:** 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 Fourth Stage Crusher 1

EU 012 Fourth Stage Crusher 2

EU 013 Fourth Stage Crusher 3

SV 017

SV 018

SV 019

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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. This limit applies to each unit individually.	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 requirement to the Total Particulate Matter Limit.) This limit applies to each unit individually.	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2002 and every fifth calendar year thereafter to measure PM and Opacity emissions. One stack shall be tested each fifth calendar year in the following order: SV018, SV017, SV019.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: GP 003 Fourth Stage Crushers (Post 1969)

Associated Items:

- CE 015 Wet Scrubber-High Efficiency w/o Lime
- CE 016 Wet Scrubber-High Efficiency w/o Lime
- CE 017 Wet Scrubber-High Efficiency w/o Lime
- CE 018 Wet Scrubber-High Efficiency w/o Lime
- CE 019 Wet Scrubber-High Efficiency w/o Lime
- EU 014 Fourth Stage Crusher 4
- EU 015 Fourth Stage Crusher 5
- EU 016 Fourth Stage Crusher 6
- EU 017 Fourth Stage Crusher 7
- EU 018 Fourth Stage Crusher 8
- SV 020
- SV 021
- SV 022
- SV 023
- SV 024

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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. This limit applies to each unit individually.	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 requirement to the Total Particulate Matter Limit.) This limit applies to each unit individually.	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity .	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2003 and every fifth calendar year thereafter to measure PM and Opacity emissions. One stack shall be tested each fifth calendar year in the following order: SV020, SV023, SV021, SV024, SV022.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: GP 004 Rod Mill Feeds**Associated Items:** CE 027 Wet Scrubber-High Efficiency w/o Lime

CE 028 Wet Scrubber-High Efficiency w/o Lime

EU 023 #1 Rod Mill Feed

EU 024 #2 Rod Mill Feed

SV 029

SV 030

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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. This limit applies to each unit individually.	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 requirement to the Total Particulate Matter Limit.) This limit applies to each unit individually.	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING	hdr
Performance Test: due before 12/31/2002 on one (1) representative unit to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: GP 005 Rod Mill Feeds (Post 1969)**Associated Items:** CE 029 Wet Scrubber-High Efficiency w/o Lime

CE 030 Wet Scrubber-High Efficiency w/o Lime

CE 031 Wet Scrubber-High Efficiency w/o Lime

EU 025 #3 Rod Mill Feed

EU 026 #4 Rod Mill Feed

EU 027 #5 Rod Mill Feed

SV 031

SV 032

SV 033

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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. This limit applies to each unit individually.	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 requirement to the Total Particulate Matter Limit.) This limit applies to each unit individually.	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity .	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2001 on one (1) representative unit to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: GP 006 Shop and Fuel Handling Boilers**Associated Items:** EU 051 Fairlane Truck Shop Boiler

EU 052 Fairlane New Shop Boiler

EU 053 Fuel Handling Boiler #1

EU 054 Fuel Handling Boiler #2

SV 107

SV 108

SV 109

SV 110

What to do	Why to do it
POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.6 lbs/million Btu heat input . This limit applies individually to each emission unit in GP 006.	Minn. R. 7011.0510, subp. 1
Sulfur Dioxide: less than or equal to 2.0 lbs/million Btu heat input . This limit applies individually to each emission unit in GP 006. Permittee shall calculate sulfur dioxide emissions based on records of vendor certification of fuel sulfur content, as an indicator of compliance with Minn.R. 7011.0510, subp. 1.	Minn. R. 7011.0510, subp. 1
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity. This limit applies individually to each emission unit in GP 006.	Minn. R. 7011.0510, subp. 2
OTHER LIMITS AND REQUIREMENTS	hdr
Fuel Usage: Limited to natural gas and distillate oil only.	Minn. R. 7007.0800, subp. 2

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: GP 007 Pellet Loadout System for Line 2 after 10/13/2000 fire

Associated Items: CE 063 Dust Suppression by Chemical Stabilizers or Wetting Agents

CE 064 Wet Scrubber-High Efficiency

EU 104 Prod conveyor transfer 22S

EU 105 Prod conveyor transfer 22N

EU 106 Prod conveyor transfer 23S

EU 107 Prod conveyor transfer 23N

EU 108 Make-up heater-prod loadout

EU 109 Space heater

EU 110 Space heater

EU 111 Space heater

EU 112 Space heater

SV 111 Pellet product bins

SV 112 Space heater vent

SV 113 Space heater vent

SV 114 Space heater vent

SV 115 Space heater vent

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.05 grams/dry standard cubic meter (0.022 gr/dscf), on and after the date on which the performance test required to be conducted for SV 111 by 40 CFR 60.8 is completed.	40 CFR 60.382(a); Minn. R. 7011.2700
Opacity: less than or equal to 10 percent opacity using 6-minute Average for any process fugitive emissions from EU104, EU105, EU106, and EU107, on and after the 60th day after achieving the maximum production rate at which the units will be operated, but not later than 180 days after the initial startup.	40 CFR 60.382(b); Minn. R. 7011.2700
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Gas Stream Pressure Drop: The Permittee shall install, calibrate, maintain, and operate a monitoring device for the wet scrubber (CE 064) for the continuous measurement of the change in pressure of the gas stream through the wet scrubber. The monitoring device must be certified by the manufacturer to be accurate within 250 pascals (1 inch water) gauge pressure, plus or minus; and must be calibrated on an annual basis in accordance with manufacturer's instructions.	40 CFR 60.384(a); Minn. R. 7011.2700
Liquid Flow Rate: The Permittee shall install, calibrate, maintain, and operate a monitoring device for the wet scrubber (CE 064) for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber. The monitoring device must be certified by the manufacturer to be accurate within 5 percent, plus or minus, of design scrubbing liquid flow rate; and must be calibrated at least on an annual basis in accordance with manufacturer's instructions.	40 CFR 60.384(b); Minn. R. 7011.2700
Control Equipment Monitoring: Record Gas Stream Pressure Drop and Liquid Flow Rate data for CE 064 each day in operation.	Minn. R. 7011.0080
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Initial Performance Test: due 60 days after achieving maximum capacity, but not later than 180 days after initial startup of the affected facilities (EU 104, EU 105, EU 106, and EU 107) to determine Particulate Matter emissions.	40 CFR 60.385(a); Minn. R. 7011.2700
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4
The Permittee shall record the measurements of both the change in pressure of the gas stream across the wet scrubber (CE 064) and the scrubbing liquid flow rate during the initial performance test of the wet scrubber and at least weekly thereafter.	40 CFR 60.385(b); Minn. R. 7011.2700

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 001 Crude Ore Unloading Pan Feeders**Associated Items:** CE 004 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 007

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 002 Crude Ore Unloading**Associated Items:** CE 002 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

CE 005 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

SV 008

SV 009

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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. This limit applies to each unit individually.	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 requirement to the Total Particulate Matter Limit.) This limit applies to each unit individually.	Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity .	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2003 to measure PM and Opacity. PM emissions from EU002 shall be determined as the total from SV008 and SV009.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 004 Coarse Ore Surge**Associated Items:** CE 006 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 010

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2003 and every fifth calendar year thereafter to measure PM and Opacity.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 010 Third Stage Bins Conveyor**Associated Items:** CE 001 Wet Scrubber-High Efficiency w/o Lime
SV 016

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING	hdr
Performance Test: due before 04/30/2001 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 019 Fourth Stage Trip/Bin/Convey**Associated Items:** CE 024 Wet Scrubber-High Efficiency w/o Lime
SV 025

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 04/30/2001 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 020 Transfer House North**Associated Items:** CE 025 Wet Scrubber-High Efficiency w/o Lime
SV 026

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2002 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 022 Transfer House South**Associated Items:** CE 026 Wet Scrubber-High Efficiency w/o Lime
SV 028

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2002 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 028 Limestone/Soda Ash Storage Bins**Associated Items:** CE 051 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 034

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 029 Additive Unloading**Associated Items:** CE 052 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 035

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 030 Line 2 Additive Storage Bins**Associated Items:** CE 043 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 036

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 031 Line 2 Additive Addition**Associated Items:** CE 044 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 037

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 032 Soda Ash/Binder Mixing**Associated Items:** CE 057 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

CE 058 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

SV 038

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 033 Line 2 Grate Feed**Associated Items:** CE 045 Wet Scrubber-High Efficiency w/o Lime
SV 039

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2003 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 034 Line 2 Grate Discharge**Associated Items:** CE 046 Wet Scrubber-High Efficiency w/o Lime
SV 040

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2003 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 035 Line 2 Kiln Cooler Discharge**Associated Items:** CE 033 Wet Scrubber-High Efficiency w/o Lime

CE 047 Wet Scrubber-High Efficiency w/o Lime

CE 060 Wet Scrubber-High Efficiency w/o Lime

SV 041

SV 050

SV 070

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before 12/31/2004 to measure PM and Opacity emissions. PM emissions from EU035 shall be determined as the total from SV041, SV050 and SV070.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 036 Line 2 Pellet Cooler Exhaust**Associated Items:** SV 042

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before end of each year starting 12/31/1999 to measure PM and Opacity. The first test is due on or before 12/31/99. Each test shall be completed before the end of the applicable calendar year. The test deadline for calendar year 2000 has been extended to 04/30/01 as granted on December 14, 2000.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before end of each year starting 12/31/1999 (7 days before each performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 037 Line 1 Grate Feed**Associated Items:** CE 053 Wet Scrubber-High Efficiency w/o Lime
SV 043

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 730 days after Resuming Operation of Line 1 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 038 Line 1 Grate Discharge**Associated Items:** CE 054 Wet Scrubber-High Efficiency w/o Lime
SV 044

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 730 days after Resuming Operation of Line 1 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 039 Line 1 Kiln Cooler Discharge**Associated Items:** CE 055 Wet Scrubber-High Efficiency w/o Lime
SV 045

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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 per week when in operation once the water total pressure gauges are installed.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 730 days after Resuming Operation of Line 1 to measure PM and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 040 Line 1 Pellet Induration**Associated Items:** CE 056 Wet Scrubber-High Efficiency w/o Lime
SV 046

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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. 7011.0610, subp.1(A)(1) and 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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0610, subp.1(A)(1) and Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity	Minn. R. 7011.0610, subp. 1(A)(2)
Sulfur Dioxide: less than or equal to 2 lbs/million Btu heat input using 3-hour Average when a liquid fossil fuel is burned. The Permittee shall maintain records of vendor certification of fuel sulfur content and relevant calculations..	Minn. R. 7011.0610, subp. 2(B)
B. OPERATIONAL REQUIREMENTS	hdr
Fuel Usage: limited to natural gas and distillate oil.	Minn. R. 7007.0800, subp. 2
C. CONTROL EQUIPMENT MONITORING	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(B); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure drop: Monitor and record daily when in operation at the wet scrubber, CE 056.	Minn. R. 7007.0800, subp. 4(B); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Water Flow Rate or Total Water Pressure: Monitor and record daily when in operation at the wet scrubber, CE 056.	Minn. R. 7007.0800, subp. 4(B); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
D. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 365 days after Resuming Operation of Line 1 to measure PM, SO ₂ and Opacity emissions.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 041 Line 1 Pellet Cooler Exhaust**Associated Items:** SV 047

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0710, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0710, subp. 1(B)
B. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before end of each year following Resuming Operation of Line 1 to measure PM and Opacity. The first test is due on or before December 31 of the year of startup. Each test shall be completed before the end of the applicable calendar year.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before end of each year following Resuming Operation of Line 1 (7 days before each performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 042 Line 2 Pellet Induration**Associated Items:** CE 049 Wet Scrubber-High Efficiency w/o Lime

CE 050 Wet Scrubber-High Efficiency w/o Lime

SV 048

SV 049

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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. 7011.0610, subp.1(A)(1) and 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 requirement to the Total Particulate Matter Limit.)	Minn. R. 7011.0610, subp.1(A)(1) and Minn. R. 7011.0715, subp. 3
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0610, subp. 1(A)(2)
Sulfur Dioxide: less than or equal to 4 lbs/million Btu heat input using 3-hour Average when a solid fossil fuel is burned.	Minn. R. 7011.0610, subp. 2(B)
Sulfur Dioxide: less than or equal to 2 lbs/million Btu heat input using 3-hour Average when a liquid fossil fuel is burned. The Permittee shall maintain records of vendor certification of fuel sulfur content and relevant calculations.	Minn. R. 7011.0610, subp. 2(B)
B. OPERATIONAL REQUIREMENTS	hdr
Fuel Usage: limited to pulverized coal, coal/coke blend, distillate oil, and natural gas.	Minn. R. 7007.0800, subp. 2
Fuel Sampling: The Permittee shall collect a solid fuel sample each weekday from the pulverized fuel pipe. The Permittee shall form a weekly composite of all samples collected in a given calendar week.	Minn. R. 7007.0800, subp. 2; Minn. R. 7007.0800, subp. 4(B)
Fuel Sulfur Content Monitoring: The Permittee shall analyze the weekly fuel composite samples for sulfur content in weight percent and heating value in BTU per pound, in accordance with current ASTM Methods.	Minn. R. 7007.0800, subp. 2 and Minn. R. 7007.0800, subp. 4(B)
Sulfur Dioxide Emissions Calculation: Within 21 days after the end of a calendar week, the Permittee shall calculate the SO ₂ emissions rate in lbs/MMBtu from the results of the weekly fuel composite analysis, and the Sulfur Dioxide control efficiency of 25 percent or the value directly determined by recent performance testing - whichever is lower in value. The Permittee shall maintain a record of the analysis, calculations, and emission rate.	Minn. R. 7007.0800, subp. 2 and Minn. R. 7007.0800, subp. 4(B)
C. CONTROL EQUIPMENT MONITORING	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(B); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure drop: Monitor and record daily when in operation at each wet scrubber, CE049 and CE050.	Minn. R. 7007.0800, subp. 4(B); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Water Flow Rate or Total Water Pressure: Monitor and record daily when in operation at each wet scrubber, CE049 and CE050.	Minn. R. 7007.0800, subp. 4(B); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
D. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due before end of each 36 months starting 12/31/2000 to measure PM, Opacity, and SO ₂ emissions, including a mass-balance evaluation of SO ₂ control efficiency. The first test is due on or before 4/30/01 and each test shall be completed before the end of the calendar year in which it is due. The 2A and 2B stacks (SV048 and SV049) shall be tested simultaneously or successively as soon as possible. A fuel analysis including a minimum of Btu heat value, moisture and sulfur content shall be conducted in conjunction with the performance test.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before end of each 36 months starting 12/31/2000 (7 days before each performance test)	Minn. R. 7017.2030, subp. 4

TABLE A: LIMITS AND OTHER REQUIREMENTS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 057 Soda Ash/ Binder Day Bin 1**Associated Items:** CE 041 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 057

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 058 Soda Ash/ Binder Addition**Associated Items:** CE 042 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 058

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 062 Soda Ash/ Binder Day Bin 2**Associated Items:** CE 057 Fabric Filter - Low Temperature, i.e., T<180 Degrees F
SV 038

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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 requirement to the 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)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
Process Monitoring: Check stack visible emissions (opacity) once daily using a checklist in Appendix B.	Minn. R. 7007.0800, subp. 4(D); Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Gas Stream Pressure Drop: Monitor and record once per week when in operation once the pressure gauges are installed.	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

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Subject Item: EU 064 Pellet Loadout Bins Venting**Associated Items:** SV 064

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
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)
Opacity: less than or equal to 20 percent opacity .	Minn. R. 7011.0715, subp. 1(B)

TABLE B: SUBMITTALS

03/09/01

Facility Name: EVTAC Mining - Plant
Permit Number: 13700113 - 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

Send submittals that are required by the Acid Rain Program to:

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue NW (6204N)
Washington, D.C. 20460

TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 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
Computer Dispersion Modeling Results	due 120 days after receipt of written MPCA request. This submittal is the refined modeling results. Results are due 120 days after notification from the MPCA that the final taconite processing plant Title V permit is issued. This submittal is only necessary if the initial modeling does not show attainment with the National Ambient Air Quality Standards and the Minnesota Ambient Air Quality Standards. This and the initial CDMR are state-only requirements and are not enforceable by the EPA administrator or citizens under the Clean Air Act.	Total Facility
Fugitive Control Plan	due 90 days after 02/23/2000 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. (Submitted: 6/2/2000.)	Total Facility
Notification of the Actual Date of Initial Startup	due 15 days after Initial Startup	GP007
Notification of the Actual Date of Initial Startup	due 15 days after Resuming Operation of Line 1 processing equipment. This is a state-only requirement and is not enforceable by the EPA administrator or citizens under the Clean Air Act.	Total Facility
Notification of the Date Construction Began	due 30 days after Start Of Construction. Submit the name and number of each unit and the date construction of each unit began.	GP007
Operation and Maintenance Plan	due 120 days after 02/23/2000 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. Upon MPCA approval, the O&M plan shall become an enforceable part of the permit. (Submitted: 6/21/2000.)	Total Facility
Operation and Maintenance Plan	due 225 days after Initial Startup the Permittee shall submit a Revised Operation and Maintenance Plan to include the parameter ranges that have been established for normal operation of CE 064 (wet scrubber). Upon MPCA approval, the revised O&M plan shall become an enforceable part of the permit.	GP007

TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Operation and Maintenance Plan	due 365 days after 02/23/2000 the Permittee shall submit a Revised Operation and Maintenance Plan to include the parameter ranges that have been established for normal control equipment operation. Upon MPCA approval, the revised O&M plan shall become an enforceable part of the permit.	Total Facility
Performance Test Notification (written)	due 30 days before Performance Test	EU002, EU004, EU010, EU019, EU020, EU022, EU037, EU038, EU039, EU040, GP001, GP002, GP003, GP004, GP005, GP007
Performance Test Notification (written)	due 30 days before Performance Test	EU033, EU034, EU035
Performance Test Plan	due 30 days before Performance Test	EU002, EU004, EU010, EU019, EU020, EU022, EU037, EU038, EU039, EU040, GP001, GP002, GP003, GP004, GP005, GP007
Performance Test Plan	due 30 days before Performance Test	EU033, EU034, EU035
Performance Test Report - Microfiche Copy	due 105 days after Performance Test	EU002, EU004, EU010, EU019, EU020, EU022, EU037, EU038, EU039, EU040, GP001, GP002, GP003, GP004, GP005, GP007
Performance Test Report - Microfiche Copy	due 105 days after Performance Test	EU033, EU034, EU035
Performance Test Report	due 45 days after Performance Test	EU002, EU004, EU010, EU019, EU020, EU022, EU037, EU038, EU039, EU040, GP001, GP002, GP003, GP004, GP005, GP007
Performance Test Report	due 45 days after Performance Test	EU033, EU034, EU035
Testing Frequency Plan	due 60 days after Initial Performance Test under this permit for Particulate Matter emissions. The plan shall specify a testing frequency based on the test data and MPCA guidance. Future performance tests based on one-year (12 month), 36 month, and 60 month intervals, or as applicable, shall be required upon written approval of the MPCA.	GP007

TABLE B: RECURRENT SUBMITTALS

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 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 Initial Performance Test. The Permittee shall report occurrences when the measurements of the scrubber pressure loss (or gain) and liquid flow rate differ by more than 30 percent, plus or minus, from the average obtained during the most recent performance test.	GP007
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, both to the Commissioner, and to the U.S. EPA regional office in Chicago. This 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 Resuming Operation of Line 1 (30 days before each performance test)	EU041
Performance Test Notification (written)	due 30 days before end of each year starting 12/31/1999 (30 days before each performance test)	EU036
Performance Test Plan	due 30 days before end of each year following Resuming Operation of Line 1 (30 days before each performance test)	EU041
Performance Test Plan	due 30 days before end of each year starting 12/31/1999 (30 days before each performance test)	EU036
Performance Test Report - Microfiche Copy	due 105 days after end of each year following Resuming Operation of Line 1 (105 days after each performance test)	EU041
Performance Test Report - Microfiche Copy	due 105 days after end of each year starting 12/31/1999 (105 days after each performance test)	EU036
Performance Test Report	due 45 days after end of each year following Resuming Operation of Line 1 (45 days after each performance test)	EU041
Performance Test Report	due 45 days after end of each year starting 12/31/1999 (45 days after each performance test)	EU036
Performance Test Notification (written)	due 30 days before end of each 36 months starting 12/31/2000 (30 days before each performance test)	EU042
Performance Test Plan	due 30 days before end of each 36 months starting 12/31/2000 (30 days before each performance test)	EU042
Performance Test Report - Microfiche Copy	due 105 days after end of each 36 months starting 12/31/2000 (105 days after each performance test)	EU042
Performance Test Report	due 45 days after end of each 36 months starting 12/31/2000 (45 days after each performance test)	EU042

TABLE C: COMPLIANCE SCHEDULE

03/09/01

Facility Name: EVTAC Mining - Plant

Permit Number: 13700113 - 002

Table C contains the compliance schedule as required by Minn. R. 7007.0500, subp. 2 (K). You must complete the actions required in Table C by the dates listed in the table. All submittals must be postmarked or received by the date specified in the table, and certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21.

Subject Item: EU 041 Line 1 Pellet Cooler Exhaust

Associated Items: SV 047

Citation	Corrective Action	When to complete the action
Minn. R. 7011.0710, subp. 1(A)	Equipment Installation	due before Startup. The Permittee shall install air pollution control equipment to comply with Industrial Process Equipment Rule, Minn. R. 7011.0715, subp. 1(A). Line 1 was shut down in June, 1999. Within 90 days of the startup of the Line 1 pellet cooler after this shutdown, the Permittee shall demonstrate compliance with Minn. R. 7011.0715, subp. 1(A).
Minn. R. 7011.0710, subp. 1(A)	Initial Performance Test	due 90 days after Resuming Operation of Line 1 to measure PM emissions.
Minn. R. 7011.0710, subp. 1(A)	Performance Test Pre-test Meeting	due 7 days before Initial Performance Test

TECHNICAL SUPPORT DOCUMENT FOR AIR EMISSION PERMIT NO. 13700113-002

This technical support document is for all the interested parties of the permit. The purpose of this document is to set forth the legal and factual basis for the draft permit conditions, including references to the applicable statutory or regulatory provisions.

1. General Information

1.1. Applicant and Stationary Source Location

Applicant Address/Phone #	Facility Location (SIC: 1011)
EVTAC Mining P.O. Box 180 Eveleth, MN 55734 Brad Anderson, 218/744-7849	EVTAC Mining – Fairlane Plant Highway 16 Forbes, St. Louis County, MN 55738

1.2. Facility Description

The facility processes crude taconite ore into a pellet product with ore supplied from a rail-linked facility, EVTAC's Thunderbird Mine. Fine crushing and grinding of crude ore and magnetic separation processes produce a taconite concentrate, which is used to make pellets. Taconite pellets are thermally hardened in a grate-kiln indurating furnace. The finished product (fired pellets) is transferred by conveyors to storage bins for holding and loading into railcars.

1.3 Description of this Permit Action

This Permit Action deals with one minor permit amendment and one administrative amendment.

On October 13, 2000, a fire at Fairlane Plant destroyed furnace pellet product conveyors (22N, 22S, 23N, and 23S) and a wet scrubber (CE 034) in the pellet loadout (PLO) area. A replacement PLO system is proposed by the Permittee through a minor permit amendment application. Included in this application are 4 emission units, which are subject to federal New Source Performance Standards (NSPS, subp. LL), and 5 emission units (1 make-up heater and 4 space heaters), which are insignificant activities; a new wet scrubber and a new stack; usage of chemical dust suppressants; and 4 stacks for the space heaters. See Table 1 for emissions associated with the modification and Table 2 for permit action classification.

The fire also made it necessary to grant extension to a performance testing deadline for EU 010 (SV 016), EU 019 (SV 025), EU 036 (SV 042), and EU 042 (SV 048 and 049) from December 31, 2000 to April 30, 2001. The Permittee requested the extension in a letter dated December 8, 2000. The MPCA granted the request, pursuant to the administrative permit amendment provisions of Minn. R. 7007.1400, subp. 1(H), in a letter dated December 14, 2000. The new deadline for performance testing of these units is now incorporated into this permit action.

Table 1. Emission Estimates for the Proposed Minor Modification¹

Pollutant	Unlimited PTE, lb/hr	Unlimited PTE, tpy	Allowed increase, tpy	Allowed decrease, tpy	Recent ² change, tpy	Net change in ems, tpy	PSD threshold, ³ tpy	Subject to PSD?
PM	55.2	241.8	24.2	Not calc.	N/A	24.2	25	No
PM10	27.6	120.9	12.1	Not calc.	N/A	12.1	15	No
SO2	0	0	0	Not calc.	N/A	0	40	No
NOx	0	0	0	Not calc.	N/A	0	40	No
CO	0	0	0	Not calc.	N/A	0	100	No
VOC	0	0	0	Not calc.	N/A	0	40	No
Lead	0.0015	0.0065	0.0065	Not calc.	N/A	0.0065	0.6	No
HAPs	0.0665	0.2913	0.2913	Not calc.	N/A	0.2913	N/A	N/A

1 The proposed modification is not subject to either Section 112 (g) or a MACT standard.

2 This is the changes in the contemporaneous period as defined by 40 CFR 52.21, 40 CFR 52.24 or 40 CFR 51

3 40 CFR 52.21(b)(23)(i).

Table 2. Permit Action Classification

Classification	Major/Affected	Synthetic Minor	Minor
PSD ¹			✓ PM, PM10
Non Attainment Area NSR ²			
Part 70 Permit Program			✓ PM, PM10

1. 40 CFR 52.21.

2. 40 CFR 51, App. S.

2. Regulatory and Statutory Basis of Emission Limits and Monitoring Requirements

GP 007 is created to include all new units for the replacement PLO system: EU 104 – EU 112; CE 063 & CE 064; SV 111 – SV 115. Federal NSPS, subp. LL and Minn. R. 7011.2700 require an emission limit of 0.022 gr PM/dscf for the *affected facilities* (EU 104 – EU 107), a “process fugitive emission limit of 10 percent opacity,” performance testing, monitoring, recordkeeping, and reporting requirements.

Since the Permittee used the control efficiency listed in the state rule on air pollution control equipment for CE 064, the Permittee is required to revise the Operation and Maintenance Plan to include surrogate parameters (gas stream pressure drop and liquid flow rate) of the wet scrubber at a later time.

3. Conclusion

Based on the information provided by EVTAC Mining, the MPCA has reasonable assurance that the proposed modification, as described in the draft Air Emission Permit No. 13700113-002 and this technical support document, will not cause or contribute to a violation of applicable federal regulations and Minnesota rules.

Permit Team Members:

Date: 1/15/2004

Hongming Jiang (back-up: Trent Wickman), Bob Beresford, and Stuart Arkley