

PREAMBLE TO OPERATION PERMIT

An Asterisk (*) throughout this document denotes legal authority, limitations and conditions which are not federally enforceable [Section NR 407.09(3)(b), Wis. Adm. Code.].

Stack and Process Index.

- A. S01/P01/C01 and S02/P02/C02 – Two natural gas fired dryers each rated at 150 ton/hr, each controlled with a fabric filter
- B. S03/P03 – Product storage silos, uncontrolled
- C. S04/P04/C04 and S05/P05/C05 – Dryer building dust collection, controlled with two baghouses.
- D. F01 – Two 800 ton/hr truck receiving stations and one 1,000 ton/hr rail receiving station.
- E. F02 – Several bulk material conveyors and stackers (each with capacities of 400 to 1,000 tons/hr)
- F. F03 – Surge piles of bulk materials
- G. F04 – 1,000 ton/hr screen
- H. F05 – 800 ton/hr crusher
- I. F06 – Fugitive dust from truck traffic
- J. F07 – Rail Loading with one 1,000 ton/hr conveyor

Insignificant Emission Units:

Maintenance of Grounds, Equipment, and Buildings (lawn care, painting, etc.)

Pollution Control Equipment Maintenance

Fire Control Equipment.

Janitorial Activities.

Office Activities.

Convenience Water Heating.

Convenience Space Heating (< 5 million BTU/hr Burning Gas, Liquid, or Wood).

Fuel Oil Storage Tanks (<10,000 gal.)

Sanitary Sewer and plumbing Venting

Applicability of New Source Performance Standards.

This source is subject to New Source Performance Standards (NSPS).

Non-Metallic Mineral Processing Plants, 40 CFR 60, Subpart OOO (s. NR 440.688)

Calciners And Dryers In Mineral Industries, 40 CFR 60, Subpart UUU (s. NR 440.73)

Permit Shield. Unless precluded by the Administrator of the US EPA, compliance with all emission limitations in this operation permit is considered to be compliance with all emission limitations established under ss. 285.01 to 285.87, Wis. Stats., and emission limitations under the federal clean air act, that are applicable to the source if the permit includes the applicable limitation or if the Department determines that the emission limitations do not apply. The following emission limitations were reviewed in the analysis and preliminary determination and were determined not to apply to this stationary source:

Ch. NR 445, Wis. Adm. Code for dryers S01/P01 and S02/P02 because these processes only fire virgin fossil fuels.

Part I — The headings for the areas in the permit are defined below. The legal authority for these limitations or methods follows them in [brackets].

Pollutant – This area will note which pollutant is being regulated by the permit.

Limitations – This area will list all applicable emission limitations that apply to the source, including case-by-case limitations such as Latest Available Control Techniques (LACT), Best Available Control Technology (BACT), or Lowest Achievable Emission Rate (LAER). It will also list any voluntary restrictions on hours of operation, raw material use, or production rate requested by the permittee to limit potential to emit.

Compliance Demonstration – The compliance demonstration methods outlined in this area may be used to demonstrate compliance with the associated emission limit or work practice standard listed under the corresponding **Limitations** column. The compliance demonstration area contains limits on parameters or other mechanisms that will be monitored periodically to ensure compliance with the limitations. The requirement to test as well as initial and periodic test schedules, if testing is required, will be stated here. Notwithstanding the compliance determination methods which the owner or operator of a source is authorized to use under ch. NR 439, Wis. Adm. Code, the Department may use any relevant information or appropriate method to determine a source's compliance with applicable emission limitations.

Reference Test Methods, Recordkeeping, and Monitoring Requirements – Specific US EPA Reference test methods or other approved test methods will be contained in this area and are the methods that must be used whenever testing is required. A reference test method will be listed even if no testing is immediately required. Also included in this area are any recordkeeping requirements and their frequency and reporting requirements. Accuracy of monitoring equipment shall meet, at a minimum, the requirements of s. NR 439.055(3) and (4), Wis. Adm. Code, as specified in Part II of this permit.

Condition Type – This area will specify other conditions that are applicable to the entire facility that may not be tied to one specific pollutant.

Conditions – Specific conditions usually applicable to the entire facility or compliance requirements.

PART II — This section contains the general limitations that the permittee must abide by. These requirements are standard for most sources of air pollutants so they are included in this section with every permit.

A. Processes P01 and P02, Control Device(s) C01 and C02, Stack(s) S01 and S02 – Two natural gas fired dryers each rated at 150 ton/hr, controlled with a fabric filter.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) Emissions of particulate matter from stacks S01 and S02 may not exceed 0.025 gr/dscf. [ss. NR 440.73(3)(a), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Emissions of particulate matter from stacks S01 and S02 may not exceed 1.3 pounds per hour from each stack¹. [ss. NR 440.73, NR 415.05(1)(m), NR 415.05(2), and NR 404.08(2), Wis. Adm. Code, and ss. 285.63(1)(b), 285.65(3) and 285.65(7), Wis. Stats., 08-RAF-226]</p> <p>(3) The permittee shall operate a fabric filter control device whenever the drying process is in operation to control particulate matter emissions. [ss. 285.63(1)(b), 285.65(3) and 285.65(7), Wis. Stats., 08-RAF-226]</p>	<p>(1) A device capable of measuring the pressure drop across the fabric filter shall be installed, calibrated, maintained, and operated. [s. NR 439.055(1)(a), Wis. Adm. Code., 08-RAF-226]</p> <p>(2) The permittee shall determine the pressure drop range for the fabric filter during the initial operation period for the dryer system. The pressure drop across each fabric filter shall be maintained between [the range established during the initial operation period] inches of water column. [ss. 285.63(1)(b), 285.65(3) and 285.65(7), Wis. Stats., 08-RAF-226]</p> <p style="text-align: center;">-continued-</p>	<p>(1) <i>Reference Test Method for Particulate Matter Emissions:</i></p> <p>(a) Whenever compliance testing is required for the emission limit under I.A.1.a.(1), the permittee shall use Method 5 in 40 CFR part 60, Appendix A, to determine compliance². The sampling time and volume for each test run shall be at least 2 hours and 1.70 dscm. [ss. NR 439.06(1) and NR 440.73(7), Wis. Adm. Code, 08-RAF-226]</p> <p>(b) Whenever particulate matter emission testing is required for the emission limit under I.A.1.a.(2), the permittee shall use U.S. EPA Method 5, including condensible backhalf emissions (U.S. EPA Method 202), unless an alternative or equivalent method is approved in writing by the Department. [s. NR 439.06(1), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) The permittee shall record the pressure drop across each fabric filter once every 8 hours of operation or once per day the source is operated whichever yields the greater number of measurements. [s. NR 439.055(2)(b)1., Wis. Adm. Code., 08-RAF-226]</p> <p>(3) Technical drawings, blueprints, or equivalent documents that demonstrate the stack height and diameter of S01 and S02 shall be kept and maintained on site. [s. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p> <p style="text-align: right;">-continued-</p>

¹ This more restrictive emission limitation requested by the applicant was used in the modeling analysis, and is required to ensure that the national ambient air quality standards for particulate matter emissions are attained and maintained.

² Note that s. NR 440.11(5), Wis. Adm. Code, requires concurrent opacity observations for the initial performance test.

A. Processes P01 and P02, Control Device(s) C01 and C02, Stack(s) S01 and S02 – Two natural gas fired dryers each rated at 150 ton/hr, controlled with a fabric filter.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions <i>continued</i></p>		<p>(3) The stack parameters for S01 and S02 shall be maintained as follows:</p> <ul style="list-style-type: none"> (a) stack height of at least 51.0 feet above ground level; (b) inside stack diameter less than or equal to 3.3 feet. (c) the stack shall have a vertical unobstructed discharge. <p>[ss. NR 407.09(1)(a), NR 404.08(2), Wis. Adm. Code, and 285.65, Wis. Stats., 08-RAF-226]</p> <p>(4) Refer to I.ZZZ.7.a.(4) for initial stack test requirements under s. NR 440.08 and s. NR 440.11(5), Wis. Adm. Code.</p>	<p>(4) The permittee shall maintain and implement a Malfunction, Prevention and Abatement Plan for the fabric filter control device. The plan shall include the following:</p> <ul style="list-style-type: none"> (a) installation, maintenance and routine calibration procedures for the control equipment instrumentation; (b) a requirement that instrumentation calibration shall take place at the frequency specified by the manufacturer but not less than once per year plus an inspection and/or calibration whenever instrumentation anomalies are noted; (c) a requirement that a copy of the operation and maintenance manual for the control equipment be maintained on site; (d) a maintenance schedule for the equipment based on the manufacturer’s recommendations, but at intervals no less frequent than once per year; (e) a copy of the plan shall be kept at the plant; and (f) a definition of normal startup and shutdown. <p>[s. NR 439.11, Wis. Adm. Code]</p>

A. Processes P01 and P02, Control Device(s) C01 and C02, Stack(s) S01 and S02 – Two natural gas fired dryers each rated at 150 ton/hr, controlled with a fabric filter.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause or allow emissions of a shade or density greater than 10 percent opacity except during periods of normal startup and shutdown³. [ss. NR 440.11(3) and NR 440.73(3)(b), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Except as provided under (3), the permittee shall install, calibrate, maintain, and operate a continuous monitoring system (COMS) to measure and record the opacity of emissions from each stack. [s. NR 440.73(5)(a), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) The permittee shall calibrate, maintain, and operate the continuous emission monitor in accordance with Performance Specification 1 in 40 CFR part 60, Appendix B. [ss. NR 440.11(5)(b) and NR 440.13(3), Wis. Adm. Code, 08-RAF-226]</p> <p>(3) In lieu of a COMS, the permittee may have a certified visible emissions observer measure and record three 6-minute averages of the opacity of visible emissions to the atmosphere each day of operation in accordance with Method 9 of Appendix A of 40 CFR part 60. [s. NR 440.73(5)(b), Wis. Adm. Code, 08-RAF-226]</p> <p>(4) Refer to I.A.1.a.(3) and I.A.1.b.(1) and (2) for additional requirements, and to I.ZZZ.7.a.(4) for initial performance test requirements under s. NR 440.11(5), Wis. Adm. Code.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A and the procedures in s. NR 440.11, Wis. Adm. Code, shall be used to demonstrate compliance. [ss. NR 439.06(9)(a)1. and NR 440.73(7)(b)2., Wis. Adm. Code, 08-RAF-226]</p> <p>(2) The permittee shall reduce all COMS data to 6-minute averages. Six-minute opacity averages shall be calculated from 36 or more data points equally spaced over each 6-minute period. Data recorded during periods of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments may not be included in the data averages. [s. NR 440.13(8), Wis. Adm. Code, 08-RAF-226]</p> <p>(3) The permittee shall maintain records of the opacity observations required under Conditions b.(1) and b.(3). [s. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p> <p>(4) The permittee shall submit written reports semiannually of exceedances of control device operating parameters required to be monitored. For the purpose of these reports, exceedances are defined as all 6-minute periods during which the average opacity is greater than 10%. [s. NR 440.73(6)(c), Wis. Adm. Code, 08-RAF-226]</p> <p>(5) Refer to I.A.1.c.(2) for additional requirements.</p>

³ Normal startup and shutdown as defined in the Malfunction, Prevention and Abatement Plan required under I.A.1.c.(4)

B. Process P03, Stack(s) S03 – Product storage silos, uncontrolled.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) Emissions of particulate matter from stack S03 may not exceed 0.12 pounds per hour⁴. [s. NR 404.08(2), Wis. Adm. Code, and ss. 285.63(1)(b), 285.65(3) and 285.65(7), Wis. Stats., 08-RAF-226]</p>	<p>(1) The stack parameters for S03 shall be maintained as follows:</p> <ul style="list-style-type: none"> (a) stack height of at least 96.0 feet above ground level; (b) inside stack diameter less than or equal to 1.00 feet. (c) the stack shall have a vertical unobstructed discharge. <p>[s. NR 404.08(2), Wis. Adm. Code, and 285.65, Wis. Stats., 08-RAF-226]</p>	<p>(1) <i>Reference Test Method for Particulate Matter Emissions:</i> Whenever particulate matter emission testing is required for the emission limit under I.C.1.a.(2), the permittee shall use U.S. EPA Method 5, including condensable backhalf emissions (U.S. EPA Method 202), unless an alternative or equivalent method is approved in writing by the Department. [s. NR 439.06(1), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Technical drawings, blueprints, or equivalent documents that demonstrate the stack height and diameter of S01 and S02 shall be kept and maintained on site. [s. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p>
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause or allow fugitive emissions of a shade or density greater than 10 percent opacity. [s. NR 440.688(3)(b), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Compliance with the Fugitive Dust Plan under ZZZ.2. shall be used to ensure compliance with the opacity limit.</p> <p>[s. NR 439.055(5), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Refer to I.ZZZ.7.a.(4) for initial performance test requirements under s. NR 440.11(5), Wis. Adm. Code.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A and the procedures in s. NR 440.11, Wis. Adm. Code, with the following additions, shall be used to demonstrate compliance:</p> <ul style="list-style-type: none"> (a) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet). (b) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed. (c) The duration of the Method 9 observations may be reduced from 3 hours (30 6–minute averages) to one hour (10 6–minute averages) only if both of the following conditions apply: <ul style="list-style-type: none"> i. There are no individual readings greater than 10% opacity. ii. There are no more than 3 readings of 10% for the 1–hour period. <p>[ss. NR 439.06(9)(a)1. and NR 440.688(6)(b) and (c), Wis. Adm. Code, 08-RAF-226]</p>

⁴This more restrictive emission limitation requested by the applicant was used in the modeling analysis, and is required to ensure that the national ambient air quality standards for particulate matter emissions are attained and maintained.

C. Processes P04 and P05, Control Device(s) C04 and C05, Stack(s) S04 and S05 – Dryer building dust collection, controlled with a baghouse.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) Emissions of particulate matter from stacks S04 and S05 may not exceed 0.05 grams/dscm (0.022 grains/dscf). [s. NR 440.688(3)(a)1., Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Emissions of particulate matter from stacks S04 and S05 may not exceed 1.00 pounds per hour from each stack⁵. [ss. NR 440.73, NR 415.05(1)(m), NR 415.05(2), and NR 404.08(2), Wis. Adm. Code, and ss. 285.63(1)(b), 285.65(3) and 285.65(7), Wis. Stats., 08-RAF-226]</p> <p>(3) The permittee shall operate a baghouse control device whenever the material is being processed to control particulate matter emissions. [ss. 285.63(1)(b), 285.65(3) and 285.65(7), Wis. Stats., 08-RAF-226]</p>	<p>(1) A device capable of measuring the pressure drop across the baghouse shall be installed, calibrated, maintained, and operated. [s. NR 439.055(1)(a), Wis. Adm. Code., 08-RAF-226]</p> <p>(2) The permittee shall determine the pressure drop range for the fabric filter during the initial operation period for the dryer system. The pressure drop across each fabric filter shall be maintained between [the range established during the initial operation period] inches of water column. [ss. 285.63(1)(b), 285.65(3) and 285.65(7), Wis. Stats., 08-RAF-226]</p> <p>(3) The stack parameters for S04 and S05 shall be maintained as follows: (a) stack height of at least 96.0 feet above ground level; (b) inside stack diameter less than or equal to 1.67 feet. (c) the stack shall have a vertical unobstructed discharge. [ss. NR 407.09(1)(a), NR 404.08(2), Wis. Adm. Code, and 285.65, Wis. Stats., 08-RAF-226]</p> <p>(4) Refer to I.ZZZ.7.a.(4) for initial stack test requirements under s. NR 440.08 and NR 440.11(5), Wis. Adm. Code.</p>	<p>(1) <i>Reference Test Method for Particulate Matter Emissions:</i></p> <p>(a) Whenever compliance emission testing is required for the emission limit under I.C.1.a.(1), US EPA Method 5 or Method 17 shall be used to determine the particulate matter concentration⁶. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121°C (250°F), to prevent water condensation on the filter. [ss. NR 439.06(1) and NR 440.688(6)(b), Wis. Adm. Code, 08-RAF-226]</p> <p>(b) Whenever particulate matter emission testing is required for the emission limit under I.C.1.a.(2), the permittee shall use U.S. EPA Method 5, including condensable backhalf emissions (U.S. EPA Method 202), unless an alternative or equivalent method is approved in writing by the Department. [s. NR 439.06(1), Wis. Adm. Code, 08-RAF-226]</p>

⁵ This more restrictive emission limitation requested by the applicant was used in the modeling analysis, and is required to ensure that the national ambient air quality standards for particulate matter emissions are attained and maintained.

⁶ Note that s. NR 440.11(5), Wis. Adm. Code, requires concurrent opacity observations for the initial performance test.

C. Processes P04 and P05, Control Device(s) C04 and C05, Stack(s) S04 and S05 – Dryer building dust collection, controlled with a baghouse.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause or allow stack emissions of a shade or density greater than 7 percent opacity. [s. NR 440.688(3)(e)2., Wis. Adm. Code, 08-RAF-226]</p> <p>(2) The permittee may not cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions. [s. NR 440.688(3)(e)1., Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Refer to I.C.1.a.(3), I.C.1.b.(1) and (2) for additional requirements.</p> <p>(2) Compliance with the Fugitive Dust Plan under ZZZ.2. shall be used to ensure compliance with the visible emissions limit under a.(2). [s. NR 439.055(5), Wis. Adm. Code, , 08-RAF-226]</p> <p>(3) Refer to I.ZZZ.7.a.(4) for initial performance test requirements under s. NR 440.11(5), Wis. Adm. Code.</p>	<p>(1) <i>Reference Test Method for Visible Emissions From Stacks:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A and the procedures in s. NR 440.11, Wis. Adm. Code, shall be used to demonstrate compliance. [ss. NR 439.06(9)(a)1. and NR 440.688(6)(b), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) <i>Reference Test Method for Fugitive Emissions:</i> Whenever compliance emission testing is required, US EPA Method 22 in 40 CFR part 60, Appendix A, shall be used to determine fugitive emissions. The performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes. [ss. NR 439.06(9)(b) and NR 440.688(6)(d), Wis. Adm. Code, 08-RAF-226]</p>

D. Process F01– Two 800 ton/hr truck receiving stations and one 1,000 ton/hr rail receiving station.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) The permittee may not cause, allow or permit any materials to be handled, transported or stored without taking precautions to prevent particulate matter from becoming airborne. Nor may a person allow a structure, a parking lot, or a road to be used, constructed, altered, or repaired without taking such precautions. [s. NR 415.04, Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Precautions shall be taken to the extent necessary so that any applicable requirements are met and shall include one or more of the following:</p> <ul style="list-style-type: none"> (a) Use, where possible, of water, or chemicals approved by the department, for control of dust. (b) Installation and use of hoods, enclosures, buildings, fans and air cleaning devices to enclose and vent the areas where materials are handled. (c) The use of spray bars or other wet dust suppression methods. (d) Any precautions proposed by the owner or operator and accepted by the department. (e) Use of no precautions where control measures are unnecessary due to site or meteorological conditions. <p>[s. NR 415.04, Wis. Adm. Code, s. 285.65(3), Wis. Stats., 08-RAF-226]</p>	<p>(1) The permittee shall keep daily records of all precautions taken to prevent fugitive dust under the Fugitive Dust Plan required under I.ZZZ.2. [ss. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p>
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause or allow emissions of a shade or density greater than 20 percent opacity. [s. NR 431.05, Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Refer to I.D.1.b.(1) for additional requirements.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A shall be used to demonstrate compliance. [s. NR 439.06(9)(a)1., Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Refer to I.D.1.c.(1) for additional requirements.</p>

E. Process F02 – Twelve bulk material belt conveyors and stackers (each with capacities of 400 to 1,000 tons/hr).

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Record-keeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) The permittee may not cause, allow or permit any crusher, screen, bucket elevator, belt conveyor, storage bin or any transfer point on belt conveyors to be used without taking precautions to prevent particulate matter from becoming airborne. [s. NR 415.076(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Precautions shall be taken to the extent necessary so that any applicable requirements are met and shall include one or more of the following: (a) Use, where possible, of water, or chemicals approved by the department, for control of dust. (b) Installation and use of hoods, enclosures, buildings, fans and air cleaning devices to enclose and vent the areas where materials are handled. (c) The use of spray bars or other wet dust suppression methods. (d) Any precautions proposed by the owner or operator and accepted by the department. (e) Use of no precautions where control measures are unnecessary due to site or meteorological conditions. [s. NR 415.076(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) The permittee shall keep daily records of all precautions taken to prevent fugitive dust under the Fugitive Dust Plan required under I.ZZZ.2. [ss. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p>

E. Process F02 – Twelve bulk material belt conveyors and stackers (each with capacities of 400 to 1,000 tons/hr).

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause to be discharged into the atmosphere from any transfer point on belt conveyors any fugitive emissions of a shade or density greater than 10% opacity. [s. NR 440.688(3)(b), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Compliance with the Fugitive Dust Plan under ZZZ.2. shall be used to ensure compliance with the opacity limit. [s. NR 439.055(5), Wis. Adm. Code, 08-RAF-226]</p> <p>(3) Refer to I.ZZZ.7.a.(4) for initial test requirements under s. NR 440.11(5), Wis. Adm. Code.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A and the procedures in s. NR 440.11, Wis. Adm. Code, with the following additions, shall be used to demonstrate compliance:</p> <p>(a) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).</p> <p>(b) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed.</p> <p>(c) The duration of the Method 9 observations may be reduced from 3 hours (30 6–minute averages) to one hour (10 6–minute averages) only if both of the following conditions apply:</p> <p>i. There are no individual readings greater than 10% opacity.</p> <p>ii. There are no more than 3 readings of 10% for the 1–hour period.</p> <p>[ss. NR 439.06(9)(a)1. and NR 440.688(6)(b) and (c), Wis. Adm. Code]</p>

F. Process F03 – Surge piles of bulk materials.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) The permittee may not cause, allow or permit any materials to be handled, transported or stored without taking precautions to prevent particulate matter from becoming airborne. Nor may a person allow a structure, a parking lot, or a road to be used, constructed, altered, or repaired without taking such precautions. [s. NR 415.04, Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Precautions shall be taken to the extent necessary so that any applicable requirements are met and shall include one or more of the following:</p> <ul style="list-style-type: none"> (a) Use, where possible, of water, or chemicals approved by the department, for control of dust. (b) Installation and use of hoods, enclosures, buildings, fans and air cleaning devices to enclose and vent the areas where materials are handled. (c) The use of spray bars or other wet dust suppression methods. (d) Any precautions proposed by the owner or operator and accepted by the department. (e) Use of no precautions where control measures are unnecessary due to site or meteorological conditions. <p>[s. NR 415.04, Wis. Adm. Code, s. 285.65(3), Wis. Stats., 08-RAF-226]</p>	<p>(1) The permittee shall keep daily records of all precautions taken to prevent fugitive dust under the Fugitive Dust Plan required under I.ZZZ.2. [ss. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p>
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause or allow emissions of a shade or density greater than 20 percent opacity. [s. NR 431.05, Wis. Adm. Code]</p>	<p>(1) Refer to I.F.1.b.(1) for additional requirements.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A shall be used to demonstrate compliance. [s. NR 439.06(9)(a)1., Wis. Adm. Code]</p> <p>(2) Refer to I.F.1.c.(1) for additional requirements.</p>

G. Process F04 – 1,000 ton/hr screen.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) The permittee may not cause, allow or permit any crusher, screen, bucket elevator, belt conveyor, storage bin or any transfer point on belt conveyors to be used without taking precautions to prevent particulate matter from becoming airborne. [s. NR 415.076(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Precautions shall be taken to the extent necessary so that any applicable requirements are met and shall include one or more of the following:</p> <ul style="list-style-type: none"> (a) Use, where possible, of water, or chemicals approved by the department, for control of dust. (b) Installation and use of hoods, enclosures, buildings, fans and air cleaning devices to enclose and vent the areas where materials are handled. (c) The use of spray bars or other wet dust suppression methods. (d) Any precautions proposed by the owner or operator and accepted by the department. (e) Use of no precautions where control measures are unnecessary due to site or meteorological conditions. <p>[s. NR 415.076(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) The permittee shall keep daily records of all precautions taken to prevent fugitive dust under the Fugitive Dust Plan required under I.ZZZ.2. [ss. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p>

G. Process F04 – 1,000 ton/hr screen.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause to be discharged into the atmosphere from any screening operation any fugitive emissions of a shade or density greater than 10% opacity. [s. NR 440.688(3)(b), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Compliance with the Fugitive Dust Plan under ZZZ.2. shall be used to ensure compliance with the opacity limit. [s. NR 439.055(5), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Refer to I.ZZZ.7.a.(4) for initial performance test requirements under s. NR 440.11(5), Wis. Adm. Code.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A and the procedures in s. NR 440.11, Wis. Adm. Code, with the following additions, shall be used to demonstrate compliance:</p> <p>(a) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).</p> <p>(b) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed.</p> <p>(c) The duration of the Method 9 observations may be reduced from 3 hours (30 6–minute averages) to one hour (10 6–minute averages) only if both of the following conditions apply:</p> <p>i. There are no individual readings greater than 10% opacity.</p> <p>ii. There are no more than 3 readings of 10% for the 1–hour period.</p> <p>[ss. NR 439.06(9)(a)1. and NR 440.688(6)(b) and (c), Wis. Adm. Code, 08-RAF-226]</p>

H. Process F05 – 800 ton/hr crusher.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) The permittee may not cause, allow or permit any crusher, screen, bucket elevator, belt conveyor, storage bin or any transfer point on belt conveyors to be used without taking precautions to prevent particulate matter from becoming airborne. [s. NR 415.076(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Precautions shall be taken to the extent necessary so that any applicable requirements are met and shall include one or more of the following:</p> <ul style="list-style-type: none"> (a) Use, where possible, of water, or chemicals approved by the department, for control of dust. (b) Installation and use of hoods, enclosures, buildings, fans and air cleaning devices to enclose and vent the areas where materials are handled. (c) The use of spray bars or other wet dust suppression methods. (d) Any precautions proposed by the owner or operator and accepted by the department. (e) Use of no precautions where control measures are unnecessary due to site or meteorological conditions. <p>[s. NR 415.076(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) The permittee shall keep daily records of all precautions taken to prevent fugitive dust under the Fugitive Dust Plan required under I.ZZZ.2. [ss. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p>

H. Process F05 – 800 ton/hr crusher.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause to be discharged into the atmosphere from any crusher without a capture system, any fugitive emissions of a shade or density greater than 15% opacity. [s. NR 440.688(3)(c), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Compliance with the Fugitive Dust Plan under ZZZ.2. shall be used to ensure compliance with the opacity limit. [s. NR 439.055(5), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Refer to I.ZZZ.7.a.(4) for initial performance test requirements under s. NR 440.11(5), Wis. Adm. Code.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A and the procedures in s. NR 440.11, Wis. Adm. Code, with the following additions, shall be used to demonstrate compliance:</p> <p>(a) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).</p> <p>(b) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed.</p> <p>(c) The duration of the Method 9 observations may be reduced from 3 hours (30 6–minute averages) to one hour (10 6–minute averages) only if both of the following conditions apply:</p> <p>i. There are no individual readings greater than 10% opacity.</p> <p>ii. There are no more than 3 readings of 10% for the 1–hour period.</p> <p>[ss. NR 439.06(9)(a)1. and NR 440.688(6)(b) and (c), Wis. Adm. Code, 08-RAF-226]</p>

I. Process F06 – Fugitive dust from truck traffic.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) No person may cause, allow or permit any materials to be handled, transported or stored without taking precautions to prevent particulate matter from becoming airborne. [s. NR 415.04, Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Precautions shall be taken to the extent necessary so that the applicable limitations are met and shall include one or more of the following:</p> <ul style="list-style-type: none"> (a) Use, where possible, of water, or chemicals approved by the department, for control of dust. (b) Application of asphalt, water, suitable chemicals or plastic covering on dirt roads, material stockpiles and other surfaces which can create airborne dust, provided such application does not create a hydrocarbon, odor or water pollution problem. (c) Installation and use of hoods, enclosures, buildings, fans and air cleaning devices to enclose and vent the areas where materials are handled. (d) The use of spray bars or other wet dust suppression methods. (e) Any precautions proposed by the owner or operator and accepted by the department. (f) Use of no precautions where control measures are unnecessary due to site or meteorological conditions. <p>[s. NR 415.04(1), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) The permittee shall keep daily records of all precautions taken to prevent fugitive dust under I.1.b.(1) and under the Fugitive Dust Plan required under I.ZZZ.2. [s. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) When weather conditions adequately control fugitive dust, as allowed under condition b.(1)(f), the permittee shall keep records of meteorological conditions including wind speed and direction, amount and type of precipitation, ambient temperature, cloud cover, and other pertinent data. [s. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p>
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause or allow emissions of a shade or density greater than 20 percent opacity. [s. NR 431.05, Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Refer to I.I.1.b.(1) for additional requirements.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A shall be used to demonstrate compliance. [s. NR 439.06(9)(a)1., Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Refer to I.I.1.c.(1) and (2) for additional requirements.</p>

J. Process F07 – Rail Loading with one 1,000 ton/hr conveyor.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Particulate Matter Emissions</p>	<p>(1) The permittee may not cause, allow or permit any materials to be handled, transported or stored without taking precautions to prevent particulate matter from becoming airborne. Nor may a person allow a structure, a parking lot, or a road to be used, constructed, altered, or repaired without taking such precautions.</p> <p>[s. NR 415.04, Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Precautions shall be taken to the extent necessary so that any applicable requirements are met and shall include one or more of the following:</p> <ul style="list-style-type: none"> (a) Use, where possible, of water, or chemicals approved by the department, for control of dust. (b) Installation and use of hoods, enclosures, buildings, fans and air cleaning devices to enclose and vent the areas where materials are handled. (c) The use of spray bars or other wet dust suppression methods. (d) Any precautions proposed by the owner or operator and accepted by the department. (e) Use of no precautions where control measures are unnecessary due to site or meteorological conditions. <p>[s. NR 415.04, Wis. Adm. Code, s. 285.65(3), Wis. Stats., 08-RAF-226]</p>	<p>(1) The permittee shall keep daily records of all precautions taken to prevent fugitive dust under I.J.1.b.(1) and under the Fugitive Dust Plan required under I.ZZZ.2.</p> <p>[ss. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p>

J. Process F07 – Rail Loading with one 1,000 ton/hr conveyor.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>2. Visible Emissions</p>	<p>(1) The permittee may not cause to be discharged into the atmosphere from any transfer point on belt conveyors any fugitive emissions of a shade or density greater than 10% opacity. [s. NR 440.688(3)(b), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Compliance with the Fugitive Dust Plan under ZZZ.2. shall be used to ensure compliance with the opacity limit. [s. NR 439.055(5), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Refer to I.ZZZ.7.a.(4) for initial performance test requirements under s. NR 440.11(5), Wis. Adm. Code.</p>	<p>(1) <i>Reference Test Method for Visible Emissions:</i> Whenever compliance emission testing is required, US EPA Method 9 in 40 CFR part 60, Appendix A and the procedures in s. NR 440.11, Wis. Adm. Code, with the following additions, shall be used to demonstrate compliance:</p> <p>(a) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).</p> <p>(b) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed.</p> <p>(c) The duration of the Method 9 observations may be reduced from 3 hours (30 6–minute averages) to one hour (10 6–minute averages) only if both of the following conditions apply:</p> <p>i. There are no individual readings greater than 10% opacity.</p> <p>ii. There are no more than 3 readings of 10% for the 1–hour period.</p> <p>[ss. NR 439.06(9)(a)1. and NR 440.688(6)(b) and (c), Wis. Adm. Code]</p>

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>1. Production Limitation</p>	<p>(1) The permittee may not process more than 2.6 million tons of sand on a dry weight basis in any consecutive twelve (12) month period. [s. 285.65(7), Wis. Stats.]</p>	<p>(1) The permittee shall maintain the records specified in condition I.ZZZ.(1)(c)(1). Until sufficient records have been accumulated to establish compliance through the initial twelve month period, compliance shall be determined in the following manner. In the first month of operation, the process rate may not exceed the limit in condition I.ZZZ.(1)(a)(1) divided by 12/1. After the second month, the process rate may not exceed the limit in condition I.ZZZ.(1)(a)(1) divided by 12/2. After the third month, the process rate may not exceed the limit in condition I.ZZZ.(1)(a)(1) divided by 12/3. This method of determining compliance shall be used for the first 11 months of operation. For the 12th month and beyond, the amount of in-coming sand in tons received (dry weight) for the previous 12 months shall be in accordance with condition I.ZZZ.(1)(a)(1). [s. 285.65(7), Wis. Stats.]</p>	<p>(1) The permittee shall keep the following monthly records:</p> <ul style="list-style-type: none"> (a) The amount of in-coming sand in tons received (dry weight) each month. (b) The total amount of in-coming sand in tons received (dry weight) during the previous 12 consecutive months. <p>[s. 285.65(7), Wis. Stats.]</p>

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations	b. Compliance Demonstration	c. Reference Test Methods, Recordkeeping and Monitoring Requirements
<p>2. Fugitive Dust</p>	<p>(1) The permittee may not cause, allow or permit any materials to be handled, transported or stored without taking precautions⁷ to prevent particulate matter from becoming airborne. Nor may a person allow a structure, a parking lot, or a road to be used, constructed, altered, or repaired without taking such precautions. [s. NR 415.04, Wis. Adm. Code, 08-RAF-226]</p> <p>(2) The permittee may not cause, allow or permit any crusher, screen, bucket elevator, belt conveyor, storage bin or any transfer point on belt conveyors to be used without taking precautions to prevent particulate matter from becoming airborne. These precautions shall be taken to the extent necessary so that any applicable requirements are met and shall include one or more of the following:</p> <ul style="list-style-type: none"> (a) Use, where possible, of water, or chemicals approved by the department, for control of dust. (b) Installation and use of hoods, enclosures, buildings, fans and air cleaning devices to enclose and vent the areas where materials are handled. (c) The use of spray bars or other wet dust suppression methods. (d) Any precautions proposed by the owner or operator and accepted by the department. (e) Use of no precautions where control measures are unnecessary due to site or meteorological conditions. <p>[s. NR 415.076(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) The permittee shall prepare a Fugitive Dust Plan within 60 days of issuance of this permit. The plan shall identify the specific measures to be taken to prevent fugitive dust and the frequency of these measures. The site manager’s name and phone number shall be provided with the plan. [s. NR 415.04(2), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) The permittee shall follow the Fugitive Dust Plan. [s. NR 407.09(1)(c), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) The permittee shall keep daily records of all precautions taken to prevent fugitive dust under the Fugitive Dust Plan. [s. NR 439.04(1)(d), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) The permittee shall submit the fugitive dust plan required under I.F.1.b.(1) to the Department within 60 days of permit issuance.</p> <ul style="list-style-type: none"> (a) The permittee shall submit any revisions to the fugitive dust plan to the Department⁸ 30 days before the revisions take effect. (b) The Department may require the permittee to revise the fugitive dust plan. <p>[s. NR 439.06(8), Wis. Adm. Code, 08-RAF-226]</p>

⁷Such precautions shall include, but not be limited to:

- (a) Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, or construction operations.
- (b) Application of asphalt, water, suitable chemicals or plastic covering on dirt roads, material stockpiles and other surfaces which can create airborne dust, provided such application does not create a hydrocarbon, odor or water pollution problem.
- (c) Installation and use of hoods, fans and air cleaning devices to enclose and vent the areas where dusty materials are handled.
- (d) Covering or securing of materials likely to become airborne while being moved on public roads, railroads or navigable waters.
- (e) The paving or maintenance of roadway areas so as not to create air pollution.

⁸ Wisconsin Department of Natural Resources, West Central Region Headquarters, 1300 W. Clairemont PO Box 4001, Eau Claire, Wisconsin, 54702-4001

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations		
<p>3. Recordkeeping</p>	<p>(1) All records required by this permit shall be maintained by the facility for a period of at least five (5) years. [s. NR 439.04(2), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) All records required by this permit shall be made available to the Department upon request. [s. NR 439.05, Wis. Adm. Code, 08-RAF-226]</p>		

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations	b. Compliance Demonstration	
<p>4. Malfunction Prevention and Abatement Plan.</p>	<p>(1) A malfunction prevention and abatement plan shall be prepared and followed for the plant. The owner or operator shall update the facility’s Malfunction Prevention and Abatement Plan to include the new emission unit (P01 through P05, and F01 through F07) within 60 days of the date each unit becomes operational. [s. NR 439.11(1), Wis. Adm. Code (Permit 08-RAF-226)]</p> <p>(2) All air pollution control equipment shall be operated and maintained in conformance with good engineering practices (i.e. operated and maintained according to manufacturer's specifications and directions) to minimize the possibility for the exceedance of any emission limitations. [s. NR 439.11(4), Wis. Adm. Code, 08-RAF-226]</p> <p>(3) The facility shall submit the plan to the Wisconsin Department of Natural Resources West Central Region Headquarters, 1300 W. Clairemont PO Box 4001, Eau Claire, Wisconsin, 54702-4001 for review, whenever the plan is updated. The department may amend the plan if deemed necessary for malfunction prevention or for the reduction of excess emissions during malfunctions. [s. NR 439.11(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) The malfunction prevention and abatement plan shall be developed to prevent, detect and correct malfunctions or equipment failures which may cause any applicable emissions limitation to be violated or which may cause air pollution. [s. NR 439.11(1), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) This malfunction prevention and abatement plan shall include installation, maintenance and routine calibration procedures for the process monitoring and control equipment instrumentation. This plan shall require an instrumentation calibration at the frequency specified by the manufacturer, yearly or at a frequency based on good engineering practice as established by operational history, whichever is more frequent. Inspection and calibration shall also be conducted whenever instrumentation anomalies are noted. [ss. NR 407.09(1)(c)1.c., NR 439.055(4) and s. NR 439.11, Wis. Adm. Code, 08-RAF-226]</p> <p>(3) The malfunction prevention and abatement plan shall require a copy of the operation and maintenance manual for the control equipment to be maintained on site. The plan shall contain all of the elements in s. NR 439.11(1)(a) – (h), Wis. Adm. Code. [s. NR 439.11, Wis. Adm. Code, 08-RAF-226]</p>	

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations	b. Compliance Demonstration	
<p>5. Stack Testing Requirements.</p>	<p>(1) If the compliance emission test(s) cannot be conducted within the time frames specified in this permit, the permit holder may request and the Department may approve, in writing, an extension of time to conduct the test(s). [s. NR 439.07, Wis. Adm. Code, 08-RAF-226]</p> <p>(2) All testing shall be performed with the emissions unit operating at capacity or as close to capacity as practicable and in accordance with approved procedures. If operation at capacity is not feasible, the source shall operate at a capacity level which is approved by the Department in writing. [s. NR 439.07(1), Wis. Adm. Code, 08-RAF-226]</p> <p>(3) The Department shall be informed at least 20 working days prior to a stack testing, so a Department representative can witness the testing. At the time of notification, a compliance emission test plan shall also be submitted to the Department for approval. When approved in writing, an equivalent test method may be substituted for the reference test method. The notification and test plan shall be submitted to the Wisconsin Department of Natural Resources, West Central Region Headquarters, 1300 W. Clairemont PO Box 4001, Eau Claire, Wisconsin, 54702-4001. [s. NR 439.07(2), Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) Two copies of the report on any compliance emission tests shall be submitted to the Department for evaluation within 60 days following the completion of tests. [s. NR 439.07(9), Wis. Adm. Code, 08-RAF-226]</p>	

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations	b. Compliance Demonstration	
<p>6. Compliance Reports/Records.</p>	<p>(1) Upon issuance of the operation permit, the permittee shall submit periodic monitoring reports. [s. NR 407.09(1)(c)3., Wis. Adm. Code, 08-RAF-226]</p> <p>(2) Upon issuance of the operation permit, the permittee shall submit periodic certification of compliance. [s. NR 407.09(4)(a)3., Wis. Adm. Code, 08-RAF-226]</p> <p>(3) The records required under this permit shall be retained for at least five (5) years and shall be made available to department personnel upon request during normal business hours. [s. NR 439.04, s. NR 439.05, Wis. Adm. Code, 08-RAF-226]</p>	<p>(1) The permittee shall submit a monitoring report which contains the results of monitoring or a summary of monitoring results required by this permit to the Department every six (6) months.</p> <p>(a) The time periods to be addressed by the submittal January 1 to June 30 and July 1 to December 31.</p> <p>(b) The report shall be submitted to the Wisconsin Department of Natural Resources West Central Region Headquarters, 1300 W. Clairemont PO Box 4001, Eau Claire, Wisconsin, 54702-4001 within 45 days after the end of each reporting period.</p> <p>(c) All deviations from and violations of applicable requirements shall be clearly identified in the submittal.</p> <p>(d) Each submittal shall be certified by a responsible official as to the truth, accuracy and completeness of the report.</p> <p>(e) The content of the submittal is described in item D. of Part II of the operation permit. [ss. NR 407.09(1)(c)3. & NR 439.03(1)(b), Wis. Adm. Code, 08-RAF-226]</p> <p>(2) The permittee shall submit an annual certification of compliance with the requirements of this permit to the Wisconsin Department of Natural Resources West Central Region Headquarters, 1300 W. Clairemont PO Box 4001, Eau Claire, Wisconsin, 54702-4001.</p> <p>(a) The time period to be addressed by the report is January 1 to December 31 of the preceding year.</p> <p>(b) The report shall be submitted to the Wisconsin Department of Natural Resources within 45 days after the end of each reporting period.</p> <p>(c) The information included in the report shall comply with the requirements of Part II, Section N of this permit.</p> <p>(d) Each report shall be certified by a responsible official as to the truth, accuracy and completeness of the report. [ss. NR 407.09(4)(a)3. & NR 439.03(1)(c), Wis. Adm. Code, 08-RAF-226]</p>	

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations	b. Compliance Demonstration	
<p>7. Construction Permit 08-RAF-226 Transitional Language</p>	<p>(1) <i>Notifications.</i> The permittee shall inform the Department of the following dates: (a) The date construction commences on any new emission unit(s) addressed in Permit 08-RAF-226. (b) The date new emission unit(s) (P01 through P05, and F01 through F07) becomes operational. For purposes of this permit, “operational” shall be defined as the first time of any process related air contaminant is emitted into the ambient air. [s. NR 439.03(1), Wis. Adm. Code (Permit 08-RAF-226)]</p> <p>(2) <i>Construction Authorization Expiration.</i> The Authorization to Construct, under Construction Permit 08-RAF-226 expires 18 months after the date of issuance. Construction or modification and an initial operation period for equipment shakedown, testing and Department evaluation of operation to assure conformity with the permit conditions is authorized for each emissions unit covered in this permit. Please note that the sources covered by this permit are required to meet all emission limits and conditions contained in the permit at all times, including during the initial operation period. If 18 months is an insufficient time period for construction or modification, equipment shakedown, testing and Department evaluation of operation, the permit holder may request and the Department may approve in writing an extension of this permit. The conditions of the construction permit are permanent, unless revised, superseded or revoked. [ss. 285.60(1)(a)2. and 285.66(1), Wis. Stats., and s. NR 406.12, Wis. Adm. Code (Permit 08-RAF-226)]</p> <p>(3) <i>New Emission Unit(s) (P01 through P05, and F01 through F07).</i> Once constructed and initially operating, P01 through P05, and F01 through F07 shall operate under the conditions in Section I.A. through I.J. (of the construction permit 08-RAF-226). [s. NR 439.03(1), Wis. Adm. Code (Permit 08-RAF-226)]</p> <p style="text-align: center;">- continued -</p>	<p>(1) <i>Notifications.</i> The permittee shall submit to the Department of Natural Resources West Central Region Headquarters, 1300 W. Clairemont PO Box 4001, Eau Claire, Wisconsin, 54702-4001 in writing, within 15 days of the date the event, the following: (a) The date construction commences on the new or modified emission unit(s) addressed in Permit 08-RAF-226. (b) The date new emission unit(s) (P01 through P05, and F01 through F07) becomes operational. [s. NR 439.04(1)(d), Wis. Adm. Code (Permit 08-RAF-226)]</p> <p>(2) <i>Emission Stack Testing.</i> Upon completion of the compliance emission tests of the new emission unit (P01, P02, P04 and P05), the permittee shall submit to the Department of Natural Resources West Central Region Headquarters, 1300 W. Clairemont PO Box 4001, Eau Claire, Wisconsin, 54702-4001 two copies of the report on the tests for evaluation within 60 days of the date the tests were completed. [s. NR 439.04(1)(d), Wis. Adm. Code (Permit 08-RAF-226)]</p> <p style="text-align: center;">- continued -</p>	

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations	b. Compliance Demonstration	
<p>7. Construction Permit 08-RAF-226 Transitional Language (continued)</p>	<p>(4) <i>Performance Testing.</i> The permittee shall conduct a compliance emission stack test of new emission unit(s) (P01, P02, P04 and P05) for particulate matter emissions and shall conduct a performance test of new emission unit(s) (P01, P02, P03, P04, P05, F02, F04, F05 and F07) for visible emissions within 60 days of the date these units become operational.</p> <p>(a) If compliance emission test(s) cannot be conducted within the time frames specified, the permit holder may request and the Department may approve, in writing, an extension of time to conduct the test(s).</p> <p>(b) All testing shall be performed with the emissions unit operating at capacity or as close to capacity as practicable and in accordance with approved procedures. If operation at capacity is not feasible, the source shall operate at a capacity level which is approved by the Department in writing.</p> <p>(c) The Department shall be informed at least 20 working days prior to any stack testing so a Department representative can witness the testing. At the time of notification, a compliance emission test plan shall also be submitted to the Department for approval. When approved in writing, an equivalent test method may be substituted for the reference test method.</p> <p>[ss. NR 439.07 ,NR 440.08 and NR 440.11(5), Wis. Adm. Code (Permit 08-RAF-226)]</p> <p>(5) <i>Compliance Reports/Records.</i> The permittee shall submit periodic monitoring reports and certification of compliance as required by s. ZZZ.6.a.(1) and (2) for any modified and new emission unit for the period when that unit becomes operational. Note that compliance monitoring and reporting requirements and limitations of any unmodified units remain in effect. [s. NR 439.04, s. NR 439.05, Wis. Adm. Code (Permit 08-RAF-226)]</p> <p>(6) <i>Completion of Operation Permit Application.</i> The permittee shall update the permit application if any changes occur which are not specified or described in the plans and specifications approved under construction permit 08-RAF-226. [s. NR 407.04(1)(b), Wis. Adm. Code (Permit 08-RAF-226)]</p> <p style="text-align: center;">-continued-</p>	<p>(3) <i>Submittal of Compliance Testing Information and other updates.</i> The permittee shall submit to the department any updates of the permit application. Updates are required if any changes that occur which are not specified or described in the plans and specifications dated 9/19/2008 and 10/13/2008. The updates shall be made within 60 days of the date of the change. Other information to be submitted shall include the notification requirements, stack tests results and the update of the facility’s Malfunction prevention and Abatement Plan. The continued operation of the modified and new emission units addressed in this construction permit are prohibited once the authorization to construct expires per Condition ZZZ.7.a.(2), unless any required updates have been submitted and the permittee has satisfied the notification requirements of Condition ZZZ.7.b.(1). [s. NR 439.04(1)(d), Wis. Adm. Code (Permit 08-RAF-226)]</p> <p>(4) All submittals described in this permit shall be made in writing and include the name of the facility, the facility’s address, the construction permit number and a description of the affected emission unit(s).</p> <p>[s. NR 439.04(1)(d), Wis. Adm. Code (Permit 08-RAF-226)]</p>	

ZZZ. Conditions Applicable to the Entire Facility.

Pollutant	a. Limitations	b. Compliance Demonstration	
<p>7. Construction Permit 08-RAF-226 Transitional Language (continued)</p>	<p>(7) <i>Phased/Staged Construction</i>. Phased/Staged construction refers to construction/modification of an operation that occurs in separate/distinct phases or stages. Separate notification of commencing construction of each stage/phase of construction shall be submitted to the Department. Applicable limitations for each stage/phase of the operation do not apply until the source has [commenced/initially operated/completed] construction/modification of the stage/phase. [ss. 285.60(1)(a)2. and 285.66(1), Wis. Stats.; s. NR 406.12, Wis. Adm. Code (Permit 08-RAF-226)]</p>		