Part 70 Operating Permit Amendment

Permit Amendment No.: 2493-157-0014-V-02-3 Effective Date: November 10, 2011

Facility Name: **Huber Engineered Woods LLC**
1442 Highway 334
Commerce, GA 30529, Jackson County

Mailing Address: P.O. Box 670
Commerce, GA 30529

Parent/Holding Company: J.M. Huber Corporation

Facility AIRS Number: 04-13-157-00014

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to and in effect under the Act, the Permittee described above is issued a permit for:

> The modification of this oriented strand board mill. All existing PSD-avoidance limits are removed, an increase in production is authorized, and restrictions on the use of MUPF resin are removed. As a result of this PSD review, BACT limits have been added. Additionally, the monitoring strategy for the board press wood products enclosure has been updated.

This Permit Amendment is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Permit Amendment and Permit No. 2493-157-0014-V-02-0. Unless modified or revoked, this Permit Amendment expires upon issuance of the next Part 70 Permit for this source.

This Permit Amendment may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application Nos. TV-19076 dated July 9, 2009, updated February 18, 2010 and December 22, 2010, and April 4, 2011; and TV-19319 dated November 24, 2009 any other applications upon which this Permit Amendment or Permit No. 2493-157-0014-V-02-0 are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Permit Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **25** pages, which pages are a part of this Permit Amendment, and which hereby become part of Permit No. 2493-157-0014-V-02-0.

[Signed]

Director
Environmental Protection Division

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PART 1.0 FACILITY DESCRIPTION

1.3 Description of Modification

The facility is an existing OSB plant with a permit containing PSD avoidance conditions for NOx, CO, VOC, and PM. Huber Engineered Woods, LLC (Huber) submitted Application TV-19076, which proposed the removal of all existing PSD avoidance limits from the operating permit, to allow an increase in operational flexibility. By relaxing these PSD avoidance limits, Huber will be allowed to increase production and have unrestricted use of melamine urea phenol formaldehyde (MUPF) resin. MUPF resin contains more nitrogen than the other two resins used at the mill, one of which is based on methylene diphenyl di-isocyanate (MDI) and the other on phenol formaldehyde (PF). In this plant, reject material containing resin is recycled and routed to the furnace, where it is combusted to generate heat for the plant. Therefore, the use of more MUPF resin will cause greater emissions of NOx as compared to MDI or PF resins. However, even without that change, potential emissions of all pollutants are to be increased, since production restrictions are to be removed, thus allowing production increases.

As requested by Huber, the Commerce facility will become a major source under PSD regulations, as prescribed in 40 CFR 52.21(r)(4), by relaxing PSD avoidance limits which had restricted the resin usage. Because all existing enforceable PSD synthetic minor limits will be removed, allowing production increases, PSD permitting requirements are applicable for this modification, as though construction had not yet commenced.

This permit amendment will also modify the monitoring strategy for the board press wood products enclosure as requested in Application No. TV-19319.

This permit amendment incorporates the following requested changes: Baghouse SC08, controlling the dry screen and blender operations, is now to be identified as Baghouse BH01; Baghouse SC45, controlling the forming and mat reject system, is now to be identified as Baghouse BH23; Baghouse SC09, controlling the trim and grade equipment, is now to be identified as Baghouse BH04; and Baghouse SC67, controlling the sander and tongue & groove equipment, is now to be identified as Baghouse BH05. Huber also requested a PSD avoidance limit for SO_2 emissions in an updated application.

PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

3.1 Emission Units

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	**Description**	**Applicable Requirements/Standards**	**Corresponding Permit Conditions**	**ID No.**	**Description**
DRYR	Equipment group for flake dryers DRY1, DRY2, and DRY3 and flake screening	40 CFR 63, Subpart A 40 CFR 63, Subpart DDDD 391-3-1-.02(2)(b) 391-3-1-.02(2)(e)	2.2.1, 2.2.2, 3.2.2, **3.2.5**, 3.2.9, 3.2.12, **3.2.14, 3.2.15, 3.2.16, 3.2.17, 3.2.18, 3.2.19**, **3.2.22, 3.4.1**, 3.4.2, **4.2.3, 4.2.4**, 4.2.7, **4.2.11, 4.2.12, 4.2.13**, **4.2.15, 4.2.16, 5.2.1, 5.2.2, 5.2.4, 5.2.5**, 5.2.6, 5.2.8, **5.2.10**, 5.2.12, **5.2.13,** 5.2.14, 5.2.15, **5.2.20, 6.1.7,** 6.1.8, 6.2.4, 6.2.14, 6.2.15, **6.2.20**	WES1 WES2 WES3 SRTO HRTO PRTO **BH01**	WESP WESP WESP RTO RTO RTO Baghouse
WBNR	Wellons fixed grate wood burner and thermal oil heater	40 CFR 60, Subpart A 40 CFR 60, Subpart Db 40 CFR 63, Subpart A 40 CFR 63, Subpart DDDD 391-3-1-.02(2)(d) 391-3-1-.02(2)(g)	2.2.1, 2.2.2, 3.2.6, **3.2.14, 3.2.15, 3.2.16, 3.2.17, 3.2.19, 3.2.21, 3.3.1, 3.3.2, 3.3.3, 3.3.4, 3.3.5, 3.3.6**, 3.4.3, 3.4.4, **3.4.5**, **4.2.4**, **4.2.9, 4.2.10, 4.2.11, 4.2.12, 4.2.13**, **5.2.17, 5.2.18, 6.1.7, 6.2.16**	N/A	N/A
BDFN	Equipment group for board press, blending, forming, mat reject, trimming, sanding, and tongue & groove	40 CFR 63, Subpart A 40 CFR 63, Subpart DDDD 391-3-1-.02(2)(b) 391-3-1-.02(2)(e)	2.2.1, 2.2.2, 3.2.3, **3.2.5**, 3.2.10, 3.2.11, 3.2.12, **3.2.13, 3.2.14, 3.2.15, 3.2.16, 3.2.17, 3.2.18, 3.2.19, 3.2.22, 3.4.1**, 3.4.2, **4.2.3, 4.2.4**, 4.2.7, **4.2.11, 4.2.12, 4.2.13, 4.2.14**, **4.2.15,** 5.2.1, **5.2.2, 5.2.4, 5.2.5**, 5.2.6, 5.2.8, **5.2.9**, 5.2.11, 5.2.14, 5.2.15, **5.2.16**, **6.1.7**, 6.1.8, 6.2.4, 6.2.13, 6.2.14, 6.2.15, **6.2.16, 6.2.17, 6.2.18, 6.2.20**	DRTO **BH23** **BH05** **BH04**	RTO Baghouse Baghouse Baghouse
IA	Ink applicator	391-3-1-.02(2)(b) 391-3-1-.02(2)(e)	2.2.1, 2.2.2, **3.4.1**, 3.4.2, **6.1.7**	N/A	N/A

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
EG	Emergency Engine	391-3-1-.02(2)(b) 391-3-1-.02(2)(g) 40 CFR 63, Subpart ZZZZ	3.2.20, 3.4.5, 5.2.3, 6.1.7, 6.2.19, 8.27.1	N/A	N/A
FP	Fire pump	391-3-1-.02(2)(b) 391-3-1-.02(2)(g) 40 CFR 60, Subpart IIII 40 CFR 63, Subpart ZZZZ	3.2.20, 3.4.5, 5.2.3, 6.1.7, 6.2.19	N/A	N/A
GEP	Green end painting operations	391-3-1-.02(2)(b) 391-3-1-.02(2)(e)	2.2.1, 2.2.2, **3.4.1**, 3.4.2, **6.1.7**	N/A	N/A

* Generally applicable requirements contained in this permit may also apply to emission units listed above. The lists of applicable requirements/standards and corresponding permit conditions are intended as a compliance tool and may not be definitive.
** Bold type indicates additions or modifications, as a result of this amendment.

3.2 Equipment Emission Caps and Operating Limits

3.2.1 Revoked

3.2.2 **State Only Enforceable Condition**

The Permittee shall not discharge, or cause the discharge, into the atmosphere, from Equipment Group DRYR, any gases which contain:
[391-3-1-.03(2); Georgia Air Toxics Guideline]

a. Formaldehyde in excess of 5.98 pounds per hour.

b. Phenol in excess of 3.84 pounds per hour.

3.2.3 **State Only Enforceable Condition**

The Permittee shall not discharge, or cause the discharge, into the atmosphere, from the board press in Equipment Group BDFN, any gases which contain:
[391-3-1-.03(2); Georgia Air Toxics Guideline]

a. Formaldehyde in excess of 4.34 pounds per hour.

b. Phenol in excess of 3.04 pounds per hour.

3.2.4 Revoked

3.2.5 The combustion temperature of the oxidizer retention chamber, in RTOs: SRTO, HRTO, DRTO and PRTO, shall not be lower than 1500 °F or the temperature established in accordance with Condition 4.2.4, during the operation of the dryers and the press in Equipment Groups DRYR and BDFN, respectively.
[391-3-1-.03(2)]

3.2.7 Revoked

3.2.8 Revoked

3.2.13 The Permittee shall operate the wood products enclosure directing emissions from the Press in Emission Group BDFN such that the RTO inlet static pressure is at least negative 1 inches of water column.
[391-3-1-.03(2) and 40 CFR, 63 Subpart DDDD]

3.2.14 The Permittee shall not discharge or cause the discharge into the atmosphere particulate matter (PM) emissions in excess of the following limits, from the following emission units:
[PSD/BACT, 40 CFR 52.21(j)]

a. The Wellons Wood Fired Furnace in Emission Group WBNR and Dryers DRY1, DRY2, and DRY3 in Emission Group DRYR, through combined stack exhausts of RTOs SRTO, HRTO, and PRTO:

i. Total PM/PM_{10} filterable and condensable emissions in excess of 0.432 lb/ODT not to exceed 21.60 lb/hr.

ii. $PM_{2.5}$ emissions, including all condensable PM, in excess of 10.21 lb/hr.

b. Board Press in Emission Group BDFN, through DRTO stack exhaust:

i. Total PM/PM_{10} filterable and non-filterable emissions in excess of 0.132 lb/MSF.

ii. $PM_{2.5}$ emissions, including all condensable PM, in excess of 0.0501 lb/MSF.

c. Flake Screening in Emission Group DRYR and Blending in Emission Group BDFN, through Baghouse BH01 exhaust:

i. Total PM/PM_{10} filterable and non-filterable emissions in excess of 0.0038 gr/scf.

ii. $PM_{2.5}$ emissions, including all condensable PM, in excess of 3.17×10^{-4} gr/scf.

d. Forming Operation in Emission Group BDFN, through Baghouse BH23 exhaust:

i. Total PM/PM_{10} filterable and non-filterable emissions in excess of 0.0038 gr/scf.

ii. $PM_{2.5}$ emissions, including all condensable PM, in excess of 3.17×10^{-4} gr/scf.

e. Trim and Grade Equipment in Emission Group BDFN, through Baghouse BH04 exhaust:

i. Total PM/PM_{10} filterable and non-filterable emissions in excess of 0.0038 gr/scf.

ii. $PM_{2.5}$ emissions in excess of $3.17x10^{-4}$ gr/scf.

f. Sanding and Tongue & Groove in Emission Group BDFN, through Baghouse BH05 exhaust:

i. Total PM/PM_{10} filterable and non-filterable emissions in excess of 0.0038 gr/scf.

ii. $PM_{2.5}$ emissions, including all condensable PM, in excess of $3.17x10^{-4}$ gr/scf.

3.2.15 The Permittee shall not discharge or cause the discharge into the atmosphere nitrogen oxides (NOx) emissions in excess of the following limits, from the following emission units:
[PSD/BACT, 40 CFR 52.21(j)]

a. Wellons Wood Fired Furnace in Emission Group WBNR and Dryers DRY1, DRY2, and DRY3 in Emission Group DRYR, through combined stack exhausts of RTOs SRTO, HRTO, and PRTO: NOx emissions in excess of 2.85 lb/ODT not to exceed 142.55 lb/hr.

b. Board Press in Emission Group BDFN, through DRTO stack exhaust: NOx emissions in excess of 0.297 lb/MSF.

3.2.16 The Permittee shall not discharge or cause the discharge into the atmosphere carbon monoxide (CO) emissions in excess of the following limits, from the following emission units:
[PSD/BACT, 40 CFR 52.21(j)]

a. Wellons Wood Fired Furnace in Emission Group WBNR and Dryers DRY1, DRY2, and DRY3 in Emission Group DRYR, through combined stack exhausts of RTOs SRTO, HRTO, and PRTO: CO emissions in excess of 1.29 lb/ODT, not to exceed 64.30 lb/hr.

b. Board Press in Emission Group BDFN, through DRTO stack exhaust: CO emissions in excess of 0.149 lb/MSF.

3.2.17 The Permittee shall not discharge or cause the discharge into the atmosphere volatile organic compound (VOC) emissions in excess of the following limits, from the following emission units:
[PSD/BACT, 40 CFR 52.21(j)]

a. Wellons Wood Fired Furnace in Emission Group WBNR and Dryers DRY1, DRY2, and DRY3 in Emission Group DRYR, through combined stack exhausts of RTOs SRTO, HRTO, and PRTO: VOC emissions in excess of 0.858 lb/ODT not to exceed 42.89 lb/hr.

b. Board Press in Emission Group BDFN, through DRTO stack exhaust: VOC emissions in excess of 0.132 lb/MSF.

c. Flake Screening in Emission Group DRYR and Blending in Emission Group BDFN, through Baghouse BH01 exhaust: VOC emissions in excess of 0.229 lb/MSF.

d. Forming Operation in Emission Group BDFN, through Baghouse BH23 exhaust: VOC emissions in excess of 0.11 lb/MSF.

e. Trim and Grade Equipment in Emission Group BDFN, through Baghouse BH04 exhaust: VOC emissions in excess of 0.165 lb/MSF.

f. Sanding and Tongue & Groove in Emission Group BDFN, through Baghouse BH05 exhaust: VOC emissions in excess of 0.060 lb/MSF.

3.2.18 The Permittee shall not use more than 151 tons of accelerant in the OSB operations during any twelve consecutive month period, in order to maintain plant wide SO_2 emissions below the 40 tpy PSD significant emissions rate.
[PSD Major Source Avoidance]

3.2.19 The Permittee shall not discharge or cause the discharge into the atmosphere nitrogen dioxide (NO_2) emissions in excess of the following limits, from the following emission units:
[NAAQS Standard for Modeled 1-hour NO_2 limits]

a. Wellons Wood Fired Furnace in Emission Group WBNR and Dryers DRY1, DRY2, and DRY3 in Emission Group DRYR, through combined stack exhausts of SRTO, HRTO, and PRTO: NO_2 emissions in excess of 4.28 lb/hr.

b. Board Press in Emission Group BDFN, through DRTO stack exhaust: NO_2 emissions in excess of 0.686 lb/hr.

3.2.20 The Permittee shall limit the operation of the Fire Pump engine and the emergency generator engine, for the purposes of testing and maintenance, to the hours between 8:00 am and 5:00 pm.
[NO_2 Modeling Avoidance Limit]

3.2.21 The VOC destruction efficiency of RTOs DRTO, SRTO, HRTO and PRTO, controlling the Board Press in Emission Group BDFN and the Wellons Wood Fired Furnace in Emission Group WBNR and Dryers DRY1, DRY2, and DRY3 in Emission Group DRYR shall be at least 90 percent.
[PSD/BACT, 40 CFR 52.21(j)]

3.3 Equipment Federal Rule Standards

3.3.1 The Permittee shall comply with all applicable provisions of 40 CFR 60 Subpart A – "General Provisions."
[40 CFR 60 Subpart A]

3.3.2 The Permittee shall comply with all applicable provisions of 40 CFR 60 Subpart Db – "Standards of Performance for New Stationary Industrial-Commercial- Institutional Steam Generating Units" for the Wellons wood burner and thermal oil heater (WBNR).
[40 CFR 60 Subpart Db]

3.3.3 The Permittee shall not discharge or cause the discharge in the atmosphere from the Wellons wood burner and thermal oil heater (WBNR) any gases, which contain particulate matter greater than 0.10 lb/MMBtu heat input.
[40 CFR 60.43b(c)]

3.3.4 The Permittee shall not discharge or cause the discharge into the atmosphere from the Wellons wood burner and thermal oil heater (WBNR) visible emissions the opacity of which is equal to or greater than twenty (20) percent except for one six minute period per hour of not more than twenty-seven (27) percent opacity.
[40 CFR 60.43b(f) and 391-3-1-.02(2)(d)3]

3.3.5 The Permittee shall burn no fuel oil other than very low sulfur oil in the Wellons wood burner and thermal oil heater (WBNR). Very low sulfur oil is defined by 40 CFR Part 60 Subpart Db, which states that "Very low sulfur oil means an oil that contains no more than 0.5 weight percent sulfur."
[40 CFR 60 Subpart Db and Georgia Rule 391-3-1-.02(2)(g) Subsumed]

3.3.6 The annual capacity factor for natural gas and fuel oil fired in the Wellons wood burner and thermal oil heater (WBNR) shall be 10 percent or less. The annual capacity factor is the ratio between the actual heat input to the furnace from natural gas and fuel oil during a calendar year and the potential heat input to the furnace had it been operated 8,760 hours during a calendar year at maximum steady state design heat input capacity of 150 MMBtu/hr.
[40 CFR 60.44(e) - NO_x Limit Avoidance]

3.3.7 The Permittee shall comply with all applicable requirements of 40 CFR Part 63, Subpart ZZZZ – NESHAP for Reciprocating Internal Combustion Engines (RICE), for the operation of all Internal Combustion Engines listed in Table 3.1.
[40 CFR 63 Subpart ZZZZ]

3.3.8 The Permittee shall comply with all applicable provisions of 40 CFR Part 60 New Source Performance Standards (NSPS) Subpart A - "General Provisions" and Subpart IIII – "Standards for Stationary Compression Ignition Internal Combustion Engines", for any internal combustion engine modified/reconstructed after July 11, 2005 where the internal combustion engine is manufactured after April 1, 2006 and is not a fire pump engine, or manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.
[40 CFR 60.4200(a)(2)(i)]

3.3.9 The Permittee shall use only diesel fuel with a maximum sulfur content of 15 ppm in the Fire Pump (FP), unless otherwise specified by the Division.
[40 CFR 60.427(b) and 391-3-1-.02(2)(g)-subsumed]

3.4 Equipment SIP Rule Standards

3.4.1 The Permittee shall not discharge, or cause the discharge, into the atmosphere, from Equipment Groups DRYR, BDFN, Green End Painting Operations (GEP) and Ink Applicator (IA) each, any gases that exhibit visible emissions, the opacity of which is equal to or greater than forty (40) percent.
[391-3-1-.02(2)(b)]

3.4.5 The Permittee shall not fire any fuel in the Fire Pump (FP) or the Emergency Engine Generator (EG) that contains greater than 2.5 weight percent sulfur.
[391-3-1-.02(2)(g)]

PART 4.0 REQUIREMENTS FOR TESTING

4.1 General Testing Requirements

4.1.3 Performance and compliance tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division's Procedures for Testing and Monitoring Sources of Air Pollutants. The methods for the determination of compliance with emission limits listed under Sections 3.2, 3.3, 3.4 and 3.5 are as follows:

a. Method 1 shall be used for selection of sampling site and number of traverse points.

b. Method 2 shall be used for stack gas flow rate.

c. Method 3 shall be used for gas molecular weight.

d. Method 4 shall be used for moisture determination.

e. Method 5 shall be used for the determination of the particulate matter concentration for sources other than the dryers in Equipment Group DRYR and the board press BDPR.

f. Method 5 in conjunction with Method 202 must be used to demonstrate compliance with PM_{10} and $PM_{2.5}$ limits.

g. Method 7 shall be used for concentration of nitrogen oxides.

h. Method 9 and the procedures of Section 1.3 shall be used to determine opacity.

i. Method 10 shall be used for concentration of carbon monoxide.

j. Method 18 shall be used for the determination of volatile organic hazardous air pollutants.

k. Method 25 shall be used for the determination of volatile organic compound concentration, as carbon. Method 25A may be used for this purpose at the discretion of the Director. When determining the emission rate from BDPR, the emission rate of formaldehyde shall be added to the emission rate as determined using Method 25A. Appropriate conversion factors must be used to convert the VOC (as carbon) to actual VOC.

l. Method 3B shall be used for the determination of the emissions rate correction factor or excess air. Method 3A may be used as an alternative to Method 3B.

m. Method 320 in appendix A to 40 CFR part 63; OR the NCASI Method IM/CAN/WP–99.01 (incorporated by reference, see § 63.14(f)) shall be used for the determination of total Hazardous Air Pollutants (HAP).

n. Method 316 in appendix A to 40 CFR part 63; OR Method 320 in appendix A to 40 CFR part 63; OR Method 0011 in ‘‘Test Methods for Evaluating Solid Waste, Physical/Chemical Methods’’ (EPA Publication No. SW–846); OR the NCASI Method CI/WP shall be used for the determination of formaldehyde.

o. Method 308 in appendix A to 40 CFR part 63; OR Method 320 in appendix A to 40 CFR part 63; OR the NCASI Method CI/WP–98.01 (incorporated by reference, see § 63.14(f)); OR the NCASI Method IM/CAN/WP–99.01 (incorporated by reference, see § 63.14(f)) shall be used for the determination of methanol.

p. Method 25A in appendix A to 40 CFR Part 60 to determine total HAP reduction through the RTOs as carbon. The Permittee may measure emissions of methane using EPA Method 18 in appendix A to 40 CFR Part 60 and subtract the methane emissions from the emissions of total HAP as THC.

q. Method 204 and 204A – 204F of 40 CFR Part 51, appendix M, to determine capture efficiency. As an alternative to Methods 204 and 204A – 204F, the Permittee may use the tracer gas method contained in appendix A to 40 CFR 63, Subpart DDDD.

Minor changes in methodology may be specified or approved by the Director or his designee when necessitated by process variables, changes in facility design, or improvement or corrections that, in his opinion, render those methods or procedures, or portions thereof, more reliable.
[391-3-1-.02(3)(a)]

4.1.4 Revoked

4.2 Specific Testing Requirements

4.2.1 Revoked

4.2.2 Revoked

4.2.3 Within 180 days of first manufacturing OSB with MUPF resin, the Permittee shall conduct performance tests to verify that actual emission rates of Phenol and Formaldehyde are below the following rates at the maximum production rate.
[391-3-1-.02(6)(b)1(i)]

a. Board Press

i. Performance test for phenol to verify compliance with Condition 3.2.3.

ii. Performance test for formaldehyde to verify compliance with Condition 3.2.3.

4.2.4 The Permittee shall maintain the combustion zone temperature of each RTO (SRTO, HRTO, DRTO and PRTO) at the minimum that is set in accordance with this condition. Using the monitoring devices required by Condition 5.2.1, the Permittee shall measure and record the combustion zone temperature of each RTO, at least once every 15 minutes, during performance tests required by Conditions 4.2.3 and 4.2.11. After the testing is done, the Permittee shall use all the temperature data to develop what they believe to be the minimum temperature, which assures that no emission rate specified in Conditions 3.2.2, 3.2.3, 3.2.9, 3.2.10, 3.2.14, 3.2.15, 3.2.16, 3.2.17, and 3.2.22 is exceeded. The Permittee shall submit that minimum temperature value, along with all temperature data and calculations done to determine this value, to the Division for approval, at the time of the test report submittal. Upon approval, these temperatures become the minimums allowed for each RTO. Until such an approval, the Permittee must maintain each RTO at a temperature no lower than 1500 degrees F (except during performance testing that is being done to demonstrate that operation at a lower temperature will assure compliance with applicable emission limits).
[391-3-1-.02(6)(b)1]

4.2.5 Revoked

4.2.6 Revoked

4.2.8 Revoked

Testing Requirements to comply with NSPS Subpart Db.

4.2.9 Within 60 days of the issuance of this permit amendment, the Permittee shall conduct the following performance tests on emissions from the Wellons wood burner and thermal oil heater (WBNR) at the maximum production rate. Performance tests shall be conducted and the data reduced in accordance with methods and procedures approved by the Division prior to such testing.

a. Performance tests for Filterable PM to verify compliance with Condition 3.3.3.

b. Performance tests for opacity to verify compliance with Condition 3.3.4.

The performance tests for Filterable PM and opacity shall be conducted concurrently. Performance tests shall be conducted simultaneously on both stacks for the following two RTO scenarios: 1) SRTO and HRTO and 2) SRTO and PRT0, or in accordance with alternative methods and procedures approved by the Division.
[391-3-1-.02(6)(b)1(i), 40 CFR 60.8, and 40 CFR 60.46b(d)]

4.2.10 Following the tests required by Condition 4.2.9, the Permittee shall conduct performance tests for PM emissions from the Wellons wood burner and thermal oil heater (WBNR), at approximately 12-month intervals not to exceed 13 months between tests. If a tested emission rate is less than seventy-five (75) percent of the emissions limitation contained in Condition No. 3.3.3, no further testing will be required.
[391-3-1-.02(6)(b)1.(i) and 40 CFR 60 Subpart Db]

Testing Requirements to comply with BACT and PSD Modeling Limits.

4.2.11 Within 180 days of first manufacturing OSB with MUPF resin, the Permittee shall conduct the following performance tests on the Wellons Wood Fired Furnace in Emission Group WBNR and Dryers DRY1, DRY2, and DRY3 in Emission Group DRYR and on the board press in Emission Group BDFN. Performance tests shall be conducted and the data reduced in accordance with methods and procedures approved by the Division prior to such testing.

a. Performance tests for total PM/PM_{10} to verify compliance with Conditions 3.2.14a.i. and 3.2.14b.i.

b. Performance tests for $PM_{2.5}$ to verify compliance with Conditions 3.2.14a.ii. and 3.2.14b.ii.

c. Performance tests for NOx to verify compliance with Conditions 3.2.15a and 3.2.15b.

d. Performance tests for CO to verify compliance with Conditions 3.2.16a and 3.2.16b.

e. Performance tests for VOC to verify compliance with Conditions 3.2.17a and 3.2.17b.

The performance tests for nitrogen oxides, carbon monoxide and volatile organic compounds shall be conducted concurrently.

Performance tests conducted on the exhaust from Group WBNR must be conducted simultaneously on both stacks for the following two RTO scenarios: 1) SRTO and HRTO and 2) SRTO and PRTO.

Following these initial tests, subsequent performance tests shall be conducted every 12 months. If a tested emission rate is 75% or less of the emission limit, the testing frequency can be reduced to once every 36 months, but will go back to once every 12 months if a subsequent test result is over 75% of the emission limit.
[391-3-1-.02(6)(b)1(i) and 40 CFR 52.21(j)]

4.2.12 Within 180 days of first manufacturing OSB with MUPF resin, the Permittee shall conduct performance tests for NO_2 to verify compliance with Conditions 3.2.19a and 3.2.19b for the Wellons wood burner and thermal oil heater (WBNR) and on the board press in Emission Group BDFN. The performance test shall be conducted and the data reduced in accordance with methods and procedures approved by the Division prior to such testing. Testing of emissions from Group WBNR shall be conducted simultaneously on both stacks for the following two RTO scenarios: 1) SRTO and HRTO and 2) SRTO and PRTO, or in accordance with alternative methods and procedures approved by the Division.
[391-3-1-.02(6)(b)1(i) and 40 CFR 52.21(J)]

4.2.13 Within 180 days of first manufacturing OSB with MUPF resin, the Permittee shall conduct a performance test, while using MUPF resin, to verify the 3% NO_2/NOx ratio established and used in the PVMRM modeling technique for PSD modeling of NO_2 emissions from the Wellons wood burner and thermal oil heater (WBNR) and on the board press in Emission Group BDFN. The performance test shall be conducted and the data reduced in accordance with methods and procedures approved by the Division prior to such testing. Testing of emissions from Group WBNR shall be conducted simultaneously on both stacks for the following two RTO scenarios: 1) SRTO and HRTO and 2) SRTO and PRTO, or in accordance with alternative methods and procedures approved by the Division.
[391-3-1-.02(6)(b)1(i) and 40 CFR 52.21(j)]

4.2.14 Within 180 days of first using accelerant in the OSB manufacturing process, the Permittee shall conduct performance tests for SO_2 emissions from the board press in Emission Group BDFN to verify that plant wide emissions of SO_2 will be less than 40 tpy and thus comply with the PSD avoidance limit in Condition 3.2.18. If alternative accelerants containing higher concentrations of sulfur are used, supplementary performance tests shall be conducted while using the alternative accelerant. If the plant wide emission rate for SO_2 will exceed 40 tpy at 151 tons of accelerant use per year, the Permittee must submit an explanation of how they intend to assure that SO_2 emissions from the facility will remain below 40 tpy. The results of this performance test shall be submitted to the Division within 60 days of the completion of testing. The performance test shall be conducted and the data reduced in accordance with methods and procedures approved by the Division prior to such testing.
[391-3-1-.02(6)(b)1(i) and PSD Avoidance]

4.2.15 If the Permittee increases the maximum production rate from the dryer or press operations above 48 ODT/hr or 70 MSF/hr, respectively or if the Permittee intends to reduce the average RTO firebox temperature below 1500°F, the Permittee shall conduct VOC destruction efficiency performance tests on emissions from the following:

a. The RTOs (SRTO, HRTO and PRTO) used to control the Wellons Wood Fired Furnace in Emission Group WBNR and Dryers DRY1, DRY2, and DRY3 in Emission Group DRYR. Testing must be performed while operating according to each of the following two RTO combinations: 1) SRTO and HRTO and 2) SRTO and PRTO, or an alternative test strategy approved by the Division.

b. The RTO (DRTO) used to control the Board Press in Emission Group BDFN.

These test results shall be submitted to the Division within 60 days of the completion of the testing.
[391-3-1-.02(6)(b)1]

4.2.16 During the performance tests required in Conditions 4.2.9, 4.2.10, and 4.2.12, the Permittee shall record the actual current (in ma) and voltage (in kV) for each section of each Wet Electrostatic Precipitator (WES1, WES2, and WES3). The Permittee shall calculate the average power to each WESP using the current and voltage recorded during the performance tests. The Permittee shall also record that actual outlet temperature of each prequench chamber for each WESP. Records of these parameters shall be submitted to the Division along with the results of the performance testing required in Conditions 4.2.9, 4.2.10, and 4.2.12.
[391-3-1-.02(3)(a)]

PART 5.0 REQUIREMENTS FOR MONITORING (Related to Data Collection)

5.2 Specific Monitoring Requirements

5.2.1 The Permittee shall install, calibrate, maintain, and operate continuous monitoring systems or devices for the measurement and recording of the following parameters on the following equipment. Each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Secondary amperage (in milliamps) and voltage (in kilovolts) for each field of each WESP (WES1, WES2, and WES3). Such devices shall have an accuracy of ±2%.

b. Temperature of the gas stream at the outlet of the quench chamber of each WESP (WES1, WES2, and WES3). Devices installed shall have a required accuracy of ±4°F of the temperature being measured.

c. The combustion zone temperature of each RTO (SRTO, HRTO, DRTO and PRTO), at a position prior to any substantial heat loss/exchange. Such devices shall have a required accuracy of $\pm$1%(^{0}F).

d. The gas stream pressure at the inlet of, or the pressure drop across, each RTO (SRTO, HRTO, DRTO and PRTO). Such devices shall have a required accuracy of $\pm$1% (inches of water).

e. By-pass damper sensors identifying if the valve is open or closed.

5.2.2 The Permittee shall install, calibrate, maintain, and operate monitoring systems to measure the pressure drop on Baghouses BH01, BH23, BH04, and BH05. The pressure monitoring systems shall meet the applicable performance specifications of the Division's monitoring requirements.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

5.2.3 The Permittee shall install, calibrate, maintain, and operate a non-resettable monitoring system on the Fire Pump (FP) and the Emergency Engine Generator (EG). The hours of operation shall be recorded monthly. Alternatively, the facility can implement another method for determination of hours of operation and total operating hours per month, upon approval of the Division.
[40 CFR 52.21(j)]

5.2.4 **State Only Enforceable Condition**
The Permittee shall maintain an inventory of filter bags such that an adequate supply of bags is on hand to replace any defective bags in Baghouses BH01, BH23, BH04, and BH05.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

5.2.5 The Permittee shall perform a check of visible emissions from Baghouses BH01, BH23, BH04, and BH05. The Permittee shall retain records, indicating the date and time of the visible emissions check in a daily visible emissions (VE) log suitable for inspection or submittal to the Division. The checks shall be conducted at least once for each day or portion of each day of operation using procedures a. through d. below except when atmospheric conditions or sun positioning prevent any opportunity to perform the daily VE check. Any operational day when atmospheric conditions or sun position prevent a daily reading shall be reported as monitor downtime in the report required by Condition 6.1.4 [391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Determine, in accordance with the procedures specified in paragraph d of this condition, if visible emissions are present at the discharge point to the atmosphere from each of the baghouses and record the results in the daily VE log. For sources that exhibit visible emissions, the Permittee shall comply with paragraph b of this condition.

b. For each check where a baghouse is determined to be emitting visible emissions, a qualified observer shall determine whether the emissions equal or exceed a **10**% opacity action level, using the procedure specified in paragraph d of this condition. For the purposes of this condition a qualified observer is one who is currently certified in accordance with the certification requirements of EPA Method 9 – *Visual Determination of the Opacity of Emissions from Stationary Sources*. Also, this determination shall cover a period of three minutes. The results shall be recorded in the daily VE log. For sources that exhibit visible emissions of greater than or equal to the opacity action level, the Permittee shall comply with paragraph c of this condition.

c. For each occurrence that requires action in accordance with paragraph a. or b. of this condition, the Permittee shall determine the cause of the visible emissions along with the date and time of occurrence and correct the problem in the most expedient manner possible. The Permittee shall note the cause of the visible emissions greater than the opacity action level, the pressure drop, and any other pertinent operating parameters as well as the corrective action taken, in the maintenance log.

d. The person performing the determination shall stand at a distance of at least three stack heights, which is sufficient to provide a clear view of the plume against a contrasting background with the sun in the 140° sector at his/her back. Consistent with this requirement, the determination shall be made from a position such that the line of vision is approximately perpendicular to the plume direction. Only one plume shall be in the line of sight at any time when multiple stacks are in proximity to each other.

5.2.7 Revoked

5.2.9 The Permittee shall comply with the performance criteria listed in the table below for the PM emissions from the emission units in Equipment Group BDFN that are controlled by Baghouses BH23, BH04, and BH05
[40 CFR 64.6(c)(1)(iii)]

Performance Criteria [64.4(a)(3)]	**Indicator No. 1** **Visible emissions of BH23, BH05, BH04**	**Indicator No. 2** **Pressure Drop across BH23, BH05, BH04**	**Indicator No. 3** **Inspection findings for BH23, BH05, BH04**
A. Data Representativeness [64.3(b)(1)]	Conduct visible emissions inspections from each baghouse	Measure the pressure drop across each baghouse	Implement a preventative maintenance program that includes checks and inspections of the cleaning system, collection hoppers, conveying system, reverse air cleaning system damper, bypass, and isolation valves.
B. Verification of Operational Status (new/modified monitoring equipment only) [64.3(b)(2)]	Not Applicable	Not Applicable	Not Applicable
C. QA/QC Practices and Criteria [64.3(b)(3)]	The observer shall have received training acceptable to the Division to recognize the appropriate opacity action levels.	Calibration of pressure gauge, routine inspections and regular preventive maintenance.	Not Applicable
D. Monitoring Frequency [64.3(b)(4)]	Daily	Weekly	Weekly
E. Data Collection Procedures [64.3(b)(4)]	Record Daily	Record Weekly	Weekly documentation of maintenance inspections for each baghouse. Corrective actions recorded as appropriate.
F. Averaging Period [64.3(b)(4)]	3 Minutes	Not Applicable	Not Applicable

5.2.10 The Permittee shall comply with the performance criteria listed in the table below for the PM emissions from emission units in Equipment Group DRYR that are controlled by Baghouse BH01.
[40 CFR 64.6(c)(1)(iii)]

Performance Criteria [64.4(a)(3)]	**Indicator No. 1** **Visible emissions inspections**	**Indicator No. 2** **Gas Stream Inlet Pressure**	**Indicator No. 3** **Inspection findings for BH01**
A. Data Representativeness	Conduct visible emissions inspections.	Measure gas stream inlet pressure.	Implement a preventative maintenance program that includes checks and inspection of the cleaning system, collection hoppers, conveying system, reverse air cleaning system damper, bypass, and isolation valves.
B. Verification of Operational Status (new/modified monitoring equipment only) [64.3(b)(2)]	Not Applicable	Not Applicable	Not Applicable
C. QA/QC Practices and Criteria [64.3(b)(3)]	The observer shall have received training acceptable to the Division to recognize the appropriate opacity action levels.	Calibration of pressure gauge, routine inspections and regular preventive maintenance.	Not Applicable
D. Monitoring Frequency [64.3(b)(4)]	Daily	Weekly	Weekly
E. Data Collection Procedures [64.3(b)(4)]	Record Daily	Record Weekly	Weekly documentation of maintenance inspections. Corrective actions recorded as appropriate.
F. Averaging Period [64.3(b)(4)]	Not Applicable	Not Applicable	Not Applicable

5.2.13 The Permittee shall comply with the performance criteria listed in the table below for the PM emissions from Equipment Group DRYR, controlled by wet electrostatic precipitators WES1, WES2 and WES3.
[40 CFR 64.6(c)(1)(iii)]

Performance Criteria [64.4(a)(3)]	**Indicator No. 1** **Total secondary power of each field of WESP**	**Indicator No. 2** **Temperature of Gas Stream at the Outlet of the Quench Chamber**
A. Data Representativeness	Measure secondary voltage and current in each field from WESPs WES1, WES2, and WES3.	Measure gas stream temperature at the outlet of the quench chamber on WES1, WES2 and WES3.
B. Verification of Operational Status (new/modified monitoring equipment only) [64.3(b)(2)]	Not Applicable	Not Applicable
C. QA/QC Practices and Criteria [64.3(b)(3)]	The minimum operating power is established during performance tests conducted at least every 24 months.	Calibration of temperature measuring device, routing inspections, and regular preventive maintenance.
D. Monitoring Frequency [64.3(b)(4)]	The secondary voltage and current are measured continuously and recorded once per minute.	The quench chamber temperature is monitored continuously and recorded once per minute.
E. Data Collection Procedures [64.3(b)(4)]	Total secondary voltage and current are logged into a data acquisition system and used to calculate hourly total secondary power of each field	Temperature data is collected and logged into a data acquisition system and used to calculate hourly averages.
F. Averaging Period [64.3(b)(4)]	3-hour averages	3-hour averages

5.2.16 The Permittee shall install, calibrate, maintain, and operate monitoring devices to measure the inlet static pressure to the RTO controlling the press in Emission Group BDFN. The static pressure monitoring system shall meet the applicable performance specifications of the Division's monitoring requirements. Data shall be recorded every 15 minutes.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

5.2.17 The Permittee shall install, calibrate, maintain, and operate a Continuous Opacity Monitoring Systems (COMS) to continuously monitor and record the opacity of the emissions from the Wellons wood burner and thermal oil heater (WBNR) at the SRTO, HRTO, and PRTO stacks. Each COMS shall be operated in accordance with the applicable performance specification(s) of the Division's monitoring requirements.
[40 CFR 60.47c(b) and 391-3-1-.02(6)(b)1]

5.2.18 The Permittee shall install, calibrate, maintain, and operate a natural gas consumption meter and a log for recording fuel oil consumption on the Wellons wood burner and thermal oil heater (WBNR). Records shall be kept of the hourly fuel usage (cubic feet per hour for natural gas). The meter shall be calibrated according to manufacturer's specifications and schedule. Meter calibrations shall be conducted at least once per year.
[391-3-1-.02(6)(b)1., 40 CFR 70.6(a)(3)(i), and 40 CFR 60.49b(d)]

5.2.19 The Permittee shall monitor accelerant usage through monthly invoices and record the amount (in tons) used in the OSB operations. Data shall be recorded as needed to ensure reliable and accurate monthly totals.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

5.2.20 The Permittee shall monitor and record the total WESP power for each hour of operation for each WESP (WES1, WES2, and WES3). WESP power shall be determined using the data recorded in accordance with Condition 5.2.1a and the following equation:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

$$P_t = \sum_{i=1}^{n} V_i I_i$$

where

P_t = Total WESP power (watts)
V_i = Secondary voltage (kV) in WESP field i
I_i = Secondary current (ma) in WESP field i
I = i^{th} field in WESP (i.e., i = 1 to n)

PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS

6.1 General Record Keeping and Reporting Requirements

6.1.4 The Permittee shall submit a written report containing any excess emissions, exceedances, and/or excursions as described in this permit and any monitor malfunctions for each quarterly period ending March 31, June 30, September 30, and December 31 of each year. All reports shall be postmarked by the 30th day following the end of each reporting period, April 30, July 30, October 30, and January 30, respectively. In the event that there have not been any excess emissions, exceedances, excursions or malfunctions during a reporting period, the report should so state. Otherwise, the contents of each report shall be as specified by the Division's Procedures for Testing and Monitoring Sources of Air Pollutants and shall contain the following:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(iii)(A)]

a. A summary report of excess emissions, exceedances and excursions, and monitor downtime, in accordance with Section 1.5(c) and (d) of the above referenced document, including any failure to follow required work practice procedures.

b. Total process operating time during each reporting period.

c. The magnitude of all excess emissions, exceedances and excursions computed in accordance with the applicable definitions as determined by the Director, and any conversion factors used, and the date and time of the commencement and completion of each time period of occurrence.

d. Specific identification of each period of such excess emissions, exceedances, and excursions that occur during startups, shutdowns, or malfunctions of the affected facility. Include the nature and cause of any malfunction (if known), the corrective action taken or preventive measures adopted.

e. The date and time identifying each period during which any required monitoring system or device was inoperative (including periods of malfunction) except for zero and span checks, and the nature of the repairs, adjustments, or replacement. When the monitoring system or device has not been inoperative, repaired, or adjusted, such information shall be stated in the report.

f. Certification by a Responsible Official that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

6.1.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

i. Any six-minute period during which the average opacity, as measured by a continuous opacity monitoring system (COMS) for the exhaust from the Wellons wood burner and thermal oil heater (WBNR), is greater than or equal to 20 percent, except for one six-minute average per hour of not more than 27 percent opacity.

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

i. Any 3-hour block average combustion zone temperature in SRTO, HRTO, PRTO, or DRTO that drops below 1500°F, or the temperature established during the most recent compliance source test, per Conditions 4.2.4.

ii. Revoked

iii. Revoked

iv. Revoked

v. Any time the annual capacity factor for the consumption of natural gas in the Wellons Wood Burner and Thermal Oil Heater in Emission Group WBNR, is greater than 10 percent.

vi. Any time the accelerant use at this facility exceeds 151 ton during any 12 month rolling period.

vii. Any time the fire pump engine or emergency generator engine is operated for the purposes of testing and maintenance, outside the hours of 8:00 am and 5:00 pm.

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

i. Each three-hour average total WESP power, as determined in accordance with Condition 5.2.20, that is less than 75% of the value determined and reported in accordance with Condition 4.2.16.

ii. Any 12-hour block average quench chamber outlet temperature for WES1, WES2, or WES3 that is greater than 180°F.

iii. For SRTO, HRTO, DRTO, or PRTO, any 12-hour block average induced vacuum in the duct plenum immediately downstream of the emissions unit (i.e., board press or dryers) that is not at least 1.0 inch of water column.

iv. Any 12-hour block average pressure drop across SRTO, HRTO, DRTO, or PRTO that is greater than 35 inches of water column. [In lieu of monitoring the vacuum in the duct plenum for any reporting period, the Permittee may elect to monitor the pressure drop across the RTOs.]

v. Any time that an abort stack is used for a period greater than 15 minutes, which allows emissions to bypass SRTO, HRTO, DRTO or PRTO.

vi. Any time that visible emissions occurs from a baghouse for two consecutive determinations.

vii. Any instance in which an operational or maintenance check required by Condition 5.2.6 reveals that a maintenance action level was triggered and the maintenance was not performed according to the Preventative Maintenance Program.

viii. Any measurement of the inlet static pressure, to the RTO controlling the press system in Emission Group BDFN, that is greater than negative 1 inches water column.

6.1.8 Revoked

6.2 Specific Record Keeping and Reporting Requirements

6.2.1 Revoked

6.2.2 Revoked

6.2.3 Revoked

6.2.5 Revoked

6.2.6 Revoked

6.2.7 Revoked

6.2.8 Revoked

6.2.9 Revoked

6.2.10 Revoked

6.2.11 Revoked

6.2.12 Revoked

6.2.16 The Permittee shall record and maintain records of the amounts of each fuel combusted during each month in the Wellons Furnace (WBNR) and calculate the annual capacity factor for natural gas and fuel oil. The annual capacity factor shall be determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Records shall be available for inspection by or submission to the Division upon request.
[391-3-1-.02(6)(b)1., 40 CFR 70.6(a)(3)(i), and 40 CFR 60.49b(d)]

6.2.17 The Permittee shall retain records of the total quantity of accelerant usage in the OSB operations for each month. The records shall be available for inspection or submittal to the Division.

6.2.18 The Permittee shall calculate the 12-month rolling total quantities of accelerant used for each calendar month in the reporting period. A 12-month rolling total shall be defined as the sum of a reporting month's total plus the totals for the previous eleven consecutive months. All calculations shall be kept as part of the monthly record. The Permittee shall notify the Division in writing if accelerant usage is equal to or exceeds 151 tons during any twelve consecutive month period. This notification shall be postmarked by the fifteenth day of the following month. The Permittee shall submit a report of the 12-consecutive month total accelerant usage for each month in the reporting period along with the semiannual report required by Condition 6.1.3.

6.2.19 The Permittee shall maintain emergency generator engine and fire pump engine records sufficient to demonstrate compliance with Condition 3.2.20. Records shall indicate the hours of operation for testing and maintenance. The records must include the date and time of operation, and the reason for operation. These records shall be kept available for inspection or submittal.
[391-3-1-.02(6)(b)1]

6.2.20 The Permittee shall furnish the Division written notification of the completion date for modifications made on the RTO and baghouse exhaust stacks, postmarked within 15 days after such date. The Permittee shall confirm in this notification, that the stack height and diameters after modification, correspond with the stack heights and diameters modeled in the PSD review.
[391-3-1-.03(2)(c)]

PART 8.0 GENERAL PROVISIONS

8.27 Diesel-Fired Internal Combustion Engines

8.27.1 The Permittee shall comply with all applicable provisions of New Source Performance Standards (NSPS) Federal Rule 40 CFR Part 60 Subpart A-"General Provisions" and Subpart IIII-"Standards for Stationary Compression Ignition Internal Combustion Engines," for diesel-fired internal combustion engine(s) manufactured after April 1, 2006 or modified/reconstructed after July 11, 2005. Such requirements include but are not limited to:
[40 CFR 60.4205(b), 391-3-1-.02(8)(b)77]

a. Equip all emergency generator engines with non-resettable hour meters.

b. Use only diesel fuel with a maximum sulfur content of 500 ppm (15 ppm after October 1, 2010) unless otherwise specified by the Division.