United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
GENERAL INFORMATION AND SUMMARY (GIS)

A. Mailing Address and Contact Information

Facility name _Neucor Inc_____

Mailing address: Street or P.O. Box __P.O. Box 699_____

City _White Swan_____ State _WA____ ZIP _98952_____-_____

Contact person: _Ed Surdyk_____ Title _Technical Director_____

Telephone (541___) _410____ - _3563_____ Ext. _____

Facsimile (_____) _____ - _____

B. Facility Location

Temporary source? ___Yes _X_No Plant site location _3592 Wesley Rd,_____

_____

City _White Swan_____ State_WA__ County_Yakima_____ EPA Region_10_

Is the facility located within:

Indian lands? _X_YES ___ NO An offshore source in federal waters? ___YES ___ NO

Non-attainment area? ___ YES _X_NO If yes, for what air pollutants? _____

Within 50 miles of affected State? __ YES _X NO If yes, What State(s)? _____

C. Owner

Name _White Swan MFG LLC____ Street/P.O. Box __P.O. Box 699_____

City __White Swan_____ State_WA___ ZIP_98952___ - _____

Telephone (866) 638- 2671___ Ext_____

D. Operator

Name _Neucor Inc_____ Street/P.O. Box _P.O. Box 699_____

City _White Swan_____ State _WA___ ZIP _98952___ - _____

Telephone (866__) 638 - 2671_____ Ext_____

E. Application Type

Mark only one permit application type and answer the supplementary question appropriate for the type marked.

_X_Initial Permit ___ Renewal ___ Significant Mod ___ Minor Permit Mod(MPM)

___ Group Processing, MPM ___ Administrative Amendment

For initial permits, when did operations commence? _May_ /_5___ /_2016

For permit renewal, what is the expiration date of current permit? _____/____/_____

F. Applicable Requirement Summary

Mark the types of applicable requirements that apply:

___ SIP ___ FIP/TIP ___ PSD ___Non-attainment NSR

_X_ Minor source NSR ___ Section 111 ___ Phase I acid rain ___Phase II acid rain

___ Stratospheric ozone ___ OCS regulations _X_ NESHAP ___ Sec. 112(d) MACT

___ Sec. 112(g) MACT ___ Early reduction of HAP ___ Sec 112(j) MACT ___ RMP [Sec.112(r)]

___ Section 129 ___ NAAQS, increments or visibility but for temporary sources (This is rare)

Is the source subject to the Deepwater Port Act? ___YES X__NO

Has a risk management plan been registered? ___YES X__NO Agency _____

Phase II acid rain application submitted? ___YES X__NO If YES, Permitting Authority _____

G. Source-Wide PTE Restrictions and Generic Applicable Requirements

Cite and describe any emissions-limiting requirements and/or facility-wide "generic" applicable requirements.

H. Process Description

List processes, products, and SIC codes for the facility.

Process	Products	SIC
Wood fiber processing equipment	Wood fiber panels	2493

I. Emission Unit Identification

Assign an emissions unit ID and describe each emissions unit at the facility. Control equipment and/or alternative operating scenarios associated with emissions units should by listed on a separate line. Applicants may exclude from this list any insignificant emissions units or activities.

Emissions Unit ID	Description of Unit
BLR1S3	
ESP1S3	
BLR2S1,2&3	
BLR3S1,2&3	
FPS1,2&3	
D1S1	
D1S2	
D1S3	
BHD1S3	
D2S3	
BHD2S3	
F1S1,2&3	
BHF1S1,2&3	
F2S3	

BHF2S3	
P1&C1S1	
P1&C1S2	
P1&C1S3	
BHP1&C1S2&3	
P2&C2S3	
BHP2&C2S3	
MHSS1&2	
MHSS3	
BHSS1,2&3	
MR1S1,2&3	
BH1S1,2&3	
MR2S3	
BH2S3	
SNDS1,2&3	
BHSNDS1,2&3	

J. Facility Emissions Summary

Enter potential to emit (PTE) for the facility as a whole for each regulated air pollutant listed below. Enter the name of the single HAP emitted in the greatest amount and its PTE. For all pollutants, stipulations to major source status may be indicated by entering "major" in the space for PTE. Indicate the total actual emissions for fee purposes for the facility in the space provided. Applications for permit modifications need not include actual emissions information.

NOx _101.6_____ tons/yr VOC _60.1_____ tons/yr SO2 _15.3_____ tons/yr

PM-10 _18.9_____ tons/yr CO _133.1_____ tons/yr Lead __0_____ tons/yr

Total HAP _14.2_____ tons/yr

Single HAP with greatest amount __Methanol_____ PTE _4.8___ tons/yr

Total of regulated pollutants (for fee calculation), Sec. F, line 5 of form FEE 66.2_ tons/yr

K. Existing Federally-Enforceable Permits

Permit number(s) R10TNSR00200___ Permit type mNSR_ Permitting authority EPA R10___

Permit number(s) _____ Permit type _____ Permitting authority _____

L. Emission Unit(s) Covered by General Permits

Emission unit(s) subject to general permit _____

Check one: ___ Application made ___ Coverage granted

General permit identifier _____ Expiration Date ____/____/____

M. Cross-referenced Information

Does this application cross-reference information? _X_ YES ___ NO (If yes, see instructions)

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS (CTAC)

This form must be completed, signed by the "Responsible Official" designated for the facility or emission unit, and sent with each submission of documents (i.e., application forms, updates to applications, reports, or any informaion required by a part 71 permit).

A. Responsible Official

Name: (Last) Fujii (First) John (MI) S

Title Owner

Street or P.O. Box P. O. Box 699

City White Swan State WA ZIP 98952 - _____

Telephone (866) 638 - 2671 Ext. _____ Facsimile (____) ____-_____

B. Certification of Truth, Accuracy and Completeness(to be signed by the responsible official)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed) _____

Name (typed) John S Fujii Date: 04 / 24 / 2017

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
FEE CALCULATION WORKSHEET (FEE)

Use this form initially, or thereafter on an annual basis, to calculate part 71 fees.

A. General Information

Type of fee (Check one): _X_Initial ___Annual

Deadline for submitting fee calculation worksheet _5__/_11_/_2017__

For initial fees, emissions are based on (Check one):

___ Actual emissions for the preceding calendar year. (Required in most circumstances.)

_X_ Estimates of actual emissions for the current calendar year. (Required when operations commenced during the preceding calendar year.)

Date commenced operations _5__/_11_/_2017_

___ Estimates of actual emissions for the preceding calendar year. (Optional after a part 71 permit was issued to replace a part 70 permit, but only if initial fee payment is due between January 1 and March 31; otherwise use actual emissions for the preceding calendar year.)

For annual fee payment, you are required to use actual emissions for the preceding calendar year.

B. Source Information: Complete this section only if you are paying fees but not applying for a permit.

Source or facility name _____

Mailing address: Street or P.O. Box _____

City_____ State_____ ZIP_____ - _____

Contact person_____ Title_____

Telephone (_____) _____ - _____ Ext_____ Part 71 permit no. _____

C. Certification of Truth, Accuracy and Completeness: Only needed if not submitting a separate form CTAC.

I certify under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information contained in this submittal (form and attachments) are true, accurate and complete.

Name (signed) _____

Name (typed) _____ Date:____ /____ /_____

D. Annual Emissions Report for Fee Calculation Purposes -- Non-HAP

You may use this to report actual emissions (tons per year) of regulated pollutants (for fee calculation) on a calendar-year basis for both initial and annual fee calculation purposes. Section E is designed to report HAP emissions. Quantify all actual emissions, including fugitives, but do not include insignificant emissions and certain regulated air pollutants that are not counted for fee purposes, such as CO and GHGs (see instructions). Sum the emissions in each column to calculate subtotals. Subtotals should be reported to the nearest tenth (0.1) of a ton at the bottom of the page. If any subtotal exceeds 4,000 tons, enter 4,000 for that column.

This data is for _2017_____ (year)

Emission Unit ID	NOx	VOC	SO2	PM10	Lead	Other
BLR2	11.6	0.1	4.1	1.9		
BLR3	2.7	0.1	1.0	0.5		
D1S1		13.3		21.6		
F1		0.1		0.0		
P1&C1	0.3	0.3		3.1		
MHS		3.9		0.1		
MR1		0.2		0.0		
SND		0.0		0.0		
FP	0.2					
SUBTOTALS:	14.5	18.0	5.1	27.2		

E. Annual Emissions Report for Fee Calculation Purposes -- HAP

HAP Identification. Identify individual HAP emitted at the facility, identify the CAS number, and assign a unique identifier for use in the second table in this section. Whenever assigning identifier codes, use "HAP1" for the first, "HAP2" for the second, and so on.

Name of HAP	CAS No	Identifier
Formaldehyde	50-00-0	HAP1
Methanol	67-56-1	HAP2
Phenol	108-95-2	HAP3

HAP Emissions. Report the actual emissions of individual HAP identified above. Use the identifiers assigned in the table above. Include all emissions, including fugitives, and do not include insignificant emissions. Sum the emissions in each column to calculate subtotals. Report subtotals to the nearest tenth (0.1) of a ton at the bottom of the page. If any subtotal exceeds 4,000 tons, enter 4,000.

This data is for _____ (year)

Emissions Unit ID	Actual Emissions (Tons/Year)							
	HAP_1_	HAP_2_	HAP_3_	HAP___	HAP___	HAP___	HAP___	HAP___
D1	0.1	0.3						
F1	0.0	0.1						
P1&C1	0.0	0.3						
MHS	0.0	0.2						
MR1	0.1	0.2	0.1					
SUBTOTALS:	0.2	1.1	0.1					

F. Fee Calculation Worksheet

This worksheet is used to calculate the total fee owed (including the emissions-based fee and the GHG fee adjustment) for both initial and annual fee payment purposes. Reconciliation is only for cases where you are paying the annual fee and you used any type of estimate of actual emissions when you calculated the initial fee. If you do not need to reconcile fees, complete line 1-5 (emissions summary) and then skip down to line 21 (emission calculation). See instructions for more detailed explanation.

EMISSIONS SUMMARY

1. Sum the subtotals from section D of this form (non-HAP) and enter the total, rounded to the nearest tenth (0.1) of a ton.	64.8
2. Sum the subtotals from section E of this form (HAP) and enter the total, rounded to the nearest tenth (0.1) of a ton.	1.4
3. Sum lines 1 and 2.	
4. Enter the emissions that were counted twice. If none, enter "0."	
5. Subtract line 4 from line 3, round to the nearest ton, and enter the result here. This is the **total emissions** that count for fees purposes.	66.2

RECONCILIATION
(WHEN INITIAL FEES WERE BASED ON ESTIMATES FOR THE "CURRENT" CALENDAR YEAR)

Only complete lines 6-10 if you are paying the first annual fee and initial fees were based on estimated actual emissions for the calendar year in which you paid initial fees; otherwise skip to line 11 or to line 21.

6. Enter the total estimated actual emissions for the year the initial fee was paid (previously reported on line 5 of the initial fee form).	
7. If line 5 is greater than line 6, subtract line 6 from line 5, and enter the result. Otherwise enter "0."	
8. If line 6 is greater than line 5, subtract line 5 from line 6, and enter the result. Otherwise enter "0."	
9. If line 7 is greater than 0, multiply line 7 by last year's fee rate ($/ton) and enter the result here. This is the underpayment. Go to line 21.	
10. If line 8 is greater than 0, multiply line 8 by last year's fee rate ($/ton) and enter the result here. This is the overpayment. Go to line 21.	

RECONCILIATION
(WHEN INITIAL FEES WERE BASED ON ESTIMATES FOR THE "PRECEDING" CALENDAR YEAR)

Only complete lines 11-20 if you are paying the first annual fee and initial fees were based on estimated actual emissions for the calendar year preceding initial fee payment; otherwise skip to line 21. If completing this section, you will also need to complete sections D and E to report actual emissions for the calendar year preceding initial fee payment.

11. Sum the actual emissions from section D (non-HAP) for the calendar year preceding initial fee payment and enter the result here.	
12. Sum the actual emissions from section E (HAP) for the calendar year preceding initial fee payment and enter the result here.	
13. Add lines 11 and 12 and enter the total here. These are total actual emissions for the calendar year preceding initial fee payment.	
14. Enter double counted emission from line 13 here. If none, enter "0."	
15. Subtract line 14 from line 13, round to the nearest ton, and enter the result here.	
16. Enter the total estimated actual emissions previously reported on line 5 of the initial fee form. These are estimated actual emissions for the calendar year preceding initial fee payment.	
17. If line 15 is greater than line 16, subtract line 16 from line 15, and enter the result here. Otherwise enter "0."	
18. If line 16 is greater than line 15, subtract line 15 from line 16, and enter the result here. Otherwise enter "0."	
19. If line 17 is greater than 0, multiply line 17 by last year's fee rate ($/ton) and enter the result here. This is the underpayment.	
20. If line 18 is greater than 0, multiply line 18 by last year's fee rate ($/ton) and enter the result on this line. This is the overpayment.	
EMISSION FEE CALCULATION	
21. Multiply line 5 (tons) by the current fee rate ($/ton) and enter the result here. This is the unadjusted emissions fee. Continue on to line 23.	$3,346
GHG FEE ADJUSTMENT	
22. If you are submitting an initial permit application and this is the first time you are paying fees, enter $2,236, otherwise enter "0". [Note that any updates to the initial application are covered under this one-time charge.]	$2,236
23. Enter the number of permit modifications (or related permit actions) you have submitted to the permitting authority since you last paid fees. If none, skip to line 25.	
24. Multiply the number in line 23 by $365 and enter the result.	

25. If you have submitted a permit renewal application since the last time you paid fees enter $520, otherwise enter “0”	
26. Sum line 22, 24, and 25 and enter the result. This is the GHG fee adjustment	$2,236
OTHER ADJUSTMENTS	
27. Add the total on line 21 and the total on line 26 and enter the result.	$5,582
28. Enter any underpayment from line 9 or 19 here. Otherwise enter "0."	
29. Enter any overpayment from line 10 or 20 here. Otherwise enter "0."	
30. If line 28 is greater than "0," add it to line 27 and enter the result here. If line 29 is greater than "0," subtract this from line 27 and enter the result here. Otherwise enter the amount on line 27 here. This is the fee adjusted for over/underpayment**.**	$5,582
31. Enter any credit for fee assessment error here. Otherwise, enter "0."	
32. Subtract line 31 from line 30 and enter the result here. Stop here. This is the **TOTAL FEE (AFTER ADJUSTMENTS)** that you must remit to EPA.	$5,582

1634

CHASE for BUSINESS
JPMorgan Chase Bank, N.A.
www.Chase.com

Neucor Inc.
P.O. Box 699
White Swan, WA 98952

19-7076/3250

5/8/2017

PAY TO THE ORDER OF EPA $ **5,582.00

Five Thousand Five Hundred Eighty-Two and 00/100********** DOLLARS

Security features. Details on back.

US Environmental Protection Agency
FOIA and Misc Payments
Cincinnati Finance Center
P O Box 979078
St Louis MO 63197-9000

MEMO

AUTHORIZED SIGNATURE

⑈001634⑈ ⑆325070760⑆ 6516060 19⑈

Neucor Inc. 1634

EPA 5/8/2017

Date	Type	Reference	Original Amt.	Balance Due	Discount	Payment
5/7/2017	Bill		5,582.00	5,582.00		5,582.00
					Check Amount	5,582.00

Checking - Chase *60 5,582.00

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
INITIAL COMPLIANCE PLAN AND COMPLIANCE CERTIFICATION (I-COMP)

SECTION A - COMPLIANCE STATUS AND COMPLIANCE PLAN

Complete this section for each unique combination of applicable requirements and emissions units at the facility. List all compliance methods (monitoring, recordkeeping and reporting) you used to determine compliance with the applicable requirement described above. Indicate your compliance status at this time for this requirement and compliance methods and check "YES" or "NO" to the follow-up question.

Emission Unit ID(s): BLR2S1,2&3, BLR3S1,2&3, FPS1,2&3, D1S1&2, F1S1,2&3, MHSS1&2, MR1S1,2&3, SNDS1,2&3

Applicable Requirement (Describe and Cite)
Minor New Source Review Permit R10TNSR00200 Section 3.6 Table 3-2, annual emission limits.

Compliance Methods for the Above (Description and Citation):
Minor New Source Review Permit R10TNSR00200 Section 4.1, production monitoring

Compliance Status:

_X__ In Compliance: Will you continue to comply up to permit issuance? _X_Yes ____No

___ Not In Compliance: Will you be in compliance at permit issuance? ___Yes ___No

___ Future-Effective Requirement: Do you expect to meet this on a timely basis? ____Yes ____No

Emission Unit ID(s): BLR1S3, D1S3, D2S3, F2S3, P2&C2S3, MHSS3, MR2S3,

Applicable Requirement (Description and Citation):
Minor New Source Review Permit R10TNSR00200 Section 3.6 Table 3-2, annual emission limits.

Compliance Methods for the Above (Description and Citation):
Minor New Source Review Permit R10TNSR00200 Section 4.1, production monitoring

Compliance Status:

___ In Compliance: Will you continue to comply up to permit issuance? ____Yes ____No

___ Not In Compliance: Will you be in compliance at permit issuance? ___Yes ___No

X__ Future-Effective Requirement: Do you expect to meet this on a timely basis? _X__Yes _____No

Emission Unit ID(s): P1S1,2&3

Applicable Requirement (Description and Citation):
Minor New Source Review Permit R10TNSR00200 Section 3.6 Table 3-2, annual emission limits.

Compliance Methods for the Above (Description and Citation):
Minor New Source Review Permit R10TNSR00200 Section 4.1, production monitoring

Compliance Status:

___ In Compliance: Will you continue to comply up to permit issuance? ____Yes ____No

_X_ Not In Compliance: Will you be in compliance at permit issuance? _X_Yes ___No

___ Future-Effective Requirement: Do you expect to meet this on a timely basis? ____Yes _____No

B. SCHEDULE OF COMPLIANCE

Complete this section if you answered "NO" to any of the questions in section A. Also, complete this section if required to submit a schedule of compliance by an applicable requirement. Please attach copies of any judicial consent decrees or administrative orders for this requirement.

Unit(s)_____ Requirement_____

Reason for Noncompliance. Briefly explain reason for noncompliance at time of permit issuance or that future-effective requirement will not be met on a timely basis:

Narrative Description of how Source Compliance Will be Achieved. Briefly explain your plan for achieving compliance:

Schedule of Compliance. Provide a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance, including a date for final compliance.

Remedial Measure or Action	Date to be Achieved

C. SCHEDULE FOR SUBMISSION OF PROGRESS REPORTS

Only complete this section if you are required to submit one or more schedules of compliance in section B or if an applicable requirement requires submittal of a progress report. If a schedule of compliance is required, your progress report should start within 6 months of application submittal and subsequently, no less than every six months. One progress report may include information on multiple schedules of compliance.

Contents of Progress Report (describe):

First Report____/____/___ Frequency of Submittal_____

Contents of Progress Report (describe):

First Report____/____/___ Frequency of Submittal_____

D. SCHEDULE FOR SUBMISSION OF COMPLIANCE CERTIFICATIONS

This section must be completed once by every source. Indicate when you would prefer to submit compliance certifications during the term of your permit (at least once per year).

Frequency of submittal_____ Beginning____/____/____

E. COMPLIANCE WITH ENHANCED MONITORING & COMPLIANCE CERTIFICATION REQUIREMENTS

This section must be completed once by every source. To certify compliance with these, you must be able to certify compliance for every applicable requirement related to monitoring and compliance certification at every unit.

Enhanced Monitoring Requirements: ____ In Compliance ____ Not In Compliance

Compliance Certification Requirements: ____ In Compliance ____ Not In Compliance

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID _BLR1S3____ Description_Wood fired Boiler_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use _Process Heat_____ Temporary Source ___Yes _X_No

Manufacturer _Wellons_____ Model No. _____

Serial Number _____ Installation Date_5__/_11_/_1984__

Boiler Type: _X_ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating__870_____ Boiler steam flow (lb/hr)__30,000_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input _____MM BTU/hr

C. Fuel Data

Primary fuel type(s)_Biomass_____ Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
Biomass	0.2	2.0	9,000 BTU/lb.

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
Biomass	0	47.3 mmBTU	414,348 mmBTU

E. Associated Air Pollution Control Equipment

Emissions unit ID_ESP1_____ Device type_Multiclone & electrostatic precipitator

Air pollutant(s) Controlled_Particulate_____ Manufacturer_Wellons_____

Model No._____ Serial No._____

Installation date__11_/_26__/_2007____ Control efficiency (%) __90_____

Efficiency estimation method__Manufacturer Specification_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (ºF) _____._____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID BLR1S3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO		28.3	124.0	82115-62-6
NO_X		16.5	72.5	
PM		1.8	8.1	
PM_{10}		2.6	11.6	
$PM_{2.5}$		2.6	11.6	
SO_2		1.2	5.2	
VOC		0.8	3.5	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID _BLR2S1,2&3_ Description; Dual fuel, Fuel Oil/Propane Boiler

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use _Process heat_____ Temporary Source ___Yes _X_No

Manufacturer _Donlee_____ Model No. _FA-900, N/2_____

Serial Number _97-20265_____ Installation Date__1_/_20_/_1997__

Boiler Type: _X_ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_900_____ Boiler steam flow (lb/hr)_31,050_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input _____MM BTU/hr

C. Fuel Data

Primary fuel type(s)_Fuel Oil, Propane__ Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
#2 Diesel	0.005	N/A	138,000 BTU/Gallon
Propane	0.0006	N/A	2,516 BTU/cubic foot

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
#2 Diesel	1,160,700	265 Gallons	2,321,400 Gallons
Propane	0	0	0

E. Associated Air Pollution Control Equipment

Emissions unit ID__None____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID BLR2S1,2&3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. Propane was added as a fuel source although currently the fuel source is not used. Emissions using propane will be less than using diesel fuel.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO	2.9	1.3	5.8	82115-62-6
NOx	11.6	5.3	23.2	
PM	1.2	0.5	2.3	
PM10	1.9	0.9	3.8	
PM2.5	1.9	0.9	3.8	
SO2	4.1	1.9	8.2	
VOC	0.1	0.05	0.2	
Formaldehyde	0.02	0.01	0.047	50-00-0

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID _BLR3S1,2&3_ Description; Fuel Oil Boiler

SIC Code (4-digit) _____ SCC Code_____

B. Emissions Unit Description

Primary use _Process heat_____ Temporary Source ___Yes _X_No

Manufacturer _Cleaver Brooks_____ Model No. _ICB-100-200-250_____

Serial Number _OL104524_____ Installation Date__6_/_29_/_2005__

Boiler Type: _X_ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_200_____ Boiler steam flow (lb/hr)_6,900_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input _____MM BTU/hr

C. Fuel Data

Primary fuel type(s)_Fuel Oil, Propane__ Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
#2 Diesel	0.005		138,000 BTU/Gallon

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
#2 Diesel	262.8 mgal	0.060 mgal	525.6 mgal

E. Associated Air Pollution Control Equipment

Emissions unit ID__None____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID BLR3S1,2&3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO	0.7	0.3	1.3	82115-62-6
NOx	2.7	1.3	5.3	
PM	0.3	0.1	0.5	
PM10	0.5	0.2	0.9	
PM2.5	0.5	0.2	0.9	
SO2	1.0	0.4	1.9	
VOC	0.05	0.02	0.1	
Formaldehyde	0.005	0.002	0.009	50-00-0

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _D1S1_____ Description __Line 1 Fiber Dryer_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Flash tube fiber dryer_____

Manufacturer _Westec_____ Model No. _N/A_____

Serial No. __N/A_____ Installation date ___11/___01/_1984

Raw materials __Fiber from refined wood chips and shavings_____

Finished products __Moisture controlled wood fiber for making Neucor cores___

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	1.93 ODT/Hr	12,593 ODT/Yr
Maximum rate	1.93 ODT/Hr	16,874 ODT/Yr

D. Associated Air Pollution Control Equipment

Emissions unit ID _None_____ Device Type_____

Manufacturer _____ Model No_____

Serial No. _____ Installation date _____/_____/_____

Control efficiency (%) _____.___ Capture efficiency (%) _____.___

Air pollutant(s) controlled _____ Efficiency estimation method _____

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID D1S1

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. Formaldehyde and Methanol were adjusted to the results of source testing as reported in Golden Specialties report number 160282. Emissions are reduced by one third to reflect operation with 4 of 6 openings on the press.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO	0.7	0.1	0.9	82115-62-6
PM	23.3	4.8	31.2	
PM10	21.6	4.4	28.9	
PM2.5	13.4	4.1	18.0	
VOC	13.3	4.1	17.8	
Formaldehyde	0.1	0.03	0.12	50-00-0
Methanol	0.3	0.08	0.4	67-56-1

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _D1S2_____ Description __Line 1 Fiber Dryer_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Flash tube fiber dryer_____

Manufacturer _Westec_____ Model No. _N/A_____

Serial No. __N/A_____ Installation date ___11/___01/_1984

Raw materials __Fiber from refined wood chips and shavings_____

Finished products __Moisture controlled wood fiber for making Neucor cores___

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	2.88 ODT/Hr	12,593 ODT/Yr
Maximum rate	2.88 ODT/Hr	25,185 ODT/Yr

D. Associated Air Pollution Control Equipment

Emissions unit ID _None_____ Device Type_____

Manufacturer _____ Model No_____

Serial No. _____ Installation date _____/_____/_____

Control efficiency (%) _____.___ Capture efficiency (%) _____.___

Air pollutant(s) controlled _____ Efficiency estimation method _____

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID D1S2

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. Formaldehyde and Methanol were adjusted to the results of source testing as reported in Golden Specialties report number 160282.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO	0.7	0.3	1.4	82115-62-6
PM	23.3	10.6	46.5	
PM10	21.6	9.8	43.1	
PM2.5	13.4	6.1	26.8	
VOC	13.3	6.1	26.6	
Formaldehyde	0.1	0.04	0.18	50-00-0
Methanol	0.3	0.13	0.59	67-56-1

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _D1S3_____ Description __Line 1 Fiber Dryer_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Flash tube fiber dryer_____

Manufacturer _Westec_____ Model No. _N/A_____

Serial No. __N/A_____ Installation date ___11/___01/_1984

Raw materials __Fiber from refined wood chips and shavings_____

Finished products __Moisture controlled wood fiber for making Neucor cores___

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	0 ODT/Hr	0 ODT/Yr
Maximum rate	2.88 ODT/Hr	25,185 ODT/Yr

D. Associated Air Pollution Control Equipment

Emissions unit ID _BHD1_____ Device Type___Baghouse_____

Manufacturer __N/A_____ Model No__N/A_____

Serial No. __N/A_____ Installation date _N/A_/_____/_____

Control efficiency (%) _____99.0__ Capture efficiency (%) _____100.0__

Air pollutant(s) controlled _Particulate__ Efficiency estimation method Oregon DEQ EF03

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID D1S3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. Formaldehyde and Methanol were adjusted to the results of source testing as reported in Golden Specialties report number 160282.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO		0.3	1.4	82115-62-6
PM		0.1	0.5	
PM10		0.1	0.5	
PM2.5		0.1	0.5	
VOC		6.1	26.6	
Formaldehyde		0.04	0.18	50-00-0
Methanol		0.13	0.59	67-56-1

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _D2S3___ Description __Line 2 Fiber Dryer_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Flash tube fiber dryer_____

Manufacturer _Westec_____ Model No. _N/A_____

Serial No. __N/A_____ Installation date ___11/___01/_1984

Raw materials __Fiber from refined wood chips and shavings_____

Finished products __Moisture controlled wood fiber for making Neucor cores___

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	0	0
Maximum rate	2.88 ODT/Hr	25,185 ODT/Yr

D. Associated Air Pollution Control Equipment

Emissions unit ID _BHD1_____ Device Type___Baghouse_____

Manufacturer __N/A_____ Model No__N/A_____

Serial No. __N/A_____ Installation date _N/A_/_____/_____

Control efficiency (%) _____99.0__ Capture efficiency (%) _____100.0__

Air pollutant(s) controlled _Particulate__ Efficiency estimation method Oregon DEQ EF03

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID D2S3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. Formaldehyde and Methanol were adjusted to the results of source testing as reported in Golden Specialties report number 160282.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO		0.3	1.4	82115-62-6
PM		0.1	0.5	
PM10		0.1	0.5	
PM2.5		0.1	0.5	
VOC		6.1	26.6	
Formaldehyde		0.04	0.18	50-00-0
Methanol		0.13	0.59	67-56-1

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _F1S1,2&3__ Description _Vacuum Fiber Former_

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Wood fiber mat forming_____

Manufacturer _COE_____ Model No. _____

Serial No. _____ Installation date ___11/_01__/_1984

Raw materials _Wood fiber, MDI resin_____

Finished products _Wood fiber mats_____

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	2.9 ODT/hr	12,593 ODT
Maximum rate	2.9 ODT/hr	25,185 ODT

D. Associated Air Pollution Control Equipment

Emissions unit ID _BHF1_____ Device Type__Baghouse_____

Manufacturer _Carter Day_____ Model No_156 RF 10_____

Serial No. _____ Installation date ___11/_01__/_1984____

Control efficiency (%) _____99.97_ Capture efficiency (%) _____100.00_

Air pollutant(s) controlled _Particulate__ Efficiency estimation method _Manufacturer specification

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID F1S1,2&3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. Formaldehyde, Methanol and VOC were adjusted to the results of source testing as reported in Golden Specialties report number 160282.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO				
NOx				
PM	0.02	0.01	0.04	
PM10	0.02	0.01	0.04	
PM2.5	0.02	0.01	0.04	
Formaldehyde	0.013	0.005	0.025	50-00-0
Methanol	0.1	0.03	0.13	67-56-1
VOC	0.1	0.035	0.155	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _F2S3____ Description _Vacuum Fiber Former_

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Wood fiber mat forming_____

Manufacturer _COE_____ Model No. _____

Serial No. _____ Installation date ___11/___01/1995_

Raw materials _Wood fiber, MDI resin_____

Finished products _Wood fiber mats_____

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate		
Maximum rate	3.94 ODT/hr	25,185 ODT

D. Associated Air Pollution Control Equipment

Emissions unit ID _BHF2_____ Device Type__Baghouse_____

Manufacturer _____ _____ Model No_____

Serial No. _____ Installation date ___/___/_____

Control efficiency (%) _____99.97_ Capture efficiency (%) _____100.00_

Air pollutant(s) controlled _Particulate__ Efficiency estimation method Typical Manufacturer specification

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID F2S3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. Formaldehyde, Methanol and VOC were adjusted to the results of source testing as reported in Golden Specialties report number 160282.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO				
NOx				
PM		0.01	0.04	
PM10		0.01	0.04	
PM2.5		0.01	0.04	
Formaldehyde		0.005	0.025	50-00-0
Methanol		0.03	0.13	67-56-1
VOC		0.035	0.155	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _P1&C1S1___ Description _Multi-opening panel press_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Molded wood fiber panel press_____

Manufacturer _Washington Iron Works____ Model No. _____

Serial No. _____ Installation date ___11/__1__/1984_

Raw materials __Wood fiber mats_____

Finished products _Neucor molded cores_____

Temporary source: X__No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	1.46 $MSF_{3/4"}$	9,729 $MSF_{3/4"}$
Maximum rate	2.19 $MSF_{3/4"}$	19,458 $MSF_{3/4"}$

D. Associated Air Pollution Control Equipment

Emissions unit ID _None_____ Device Type_____

Manufacturer _____ Model No_____

Serial No. _____ Installation date _____/_____/_____

Control efficiency (%) _____.___ Capture efficiency (%) _____.___

Air pollutant(s) controlled _____ Efficiency estimation method _____

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID P1&C1S1

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. PM, Formaldehyde, Methanol and VOC were adjusted to the results of source testing as reported in Golden Specialties report number 160282. Emissions are reduced by one third to reflect operation with 4 of 6 openings on the press.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO	0.3	0.04	0.3	82115-62-6
NO_X	0.3	0.04	0.3	
PM	2.7	0.9	3.8	
PM_{10}	3.1	0.9	4.1	
$PM_{2.5}$	3.1	0.9	4.1	
VOC	0.32	0.2	0.7	
FORMALDEHYDE	0.06	0.02	0.1	50-00-0
METHANOL	0.26	0.1	0.6	67-56-1

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _P1&C1S2&3_ Description _Multi-opening panel press_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Molded wood fiber panel press_____

Manufacturer _Washington Iron Works____ Model No. _____

Serial No. _____ Installation date ___11/__1__/1984_

Raw materials __Wood fiber mats_____

Finished products _Neucor molded cores_____

Temporary source: X__No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	2.19 $MSF_{3/4"}$	9,729 $MSF_{3/4"}$
Maximum rate	2.19 $MSF_{3/4"}$	19,458 $MSF_{3/4"}$

D. Associated Air Pollution Control Equipment

Emissions unit ID _None_____ Device Type_____

Manufacturer _____ Model No_____

Serial No. _____ Installation date _____/_____/_____

Control efficiency (%) _____.___ Capture efficiency (%) _____.___

Air pollutant(s) controlled _____ Efficiency estimation method _____

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID P1&C1S2&3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. PM, Formaldehyde, Methanol and VOC were adjusted to the results of source testing as reported in Golden Specialties report number 160282. PM reflects control of the west vent by a baghouse with a manufacturer efficiency rating of 99.97% Press and Cooler emissions are combined as one source as tested.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO		0.06	0.3	82115-62-6
NO_X		0.06	0.3	
PM		0.1	0.63	
PM_{10}		0.2	0.73	
$PM_{2.5}$		0.2	0.73	
VOC		0.2	1.0	
FORMALDEHYDE		0.02	0.1	50-00-0
METHANOL		0.1	0.9	67-56-1

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _P2&C2S3 Description _Multi-opening panel press_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Molded wood fiber panel press_____

Manufacturer _Washington Iron Works____ Model No. _____

Serial No. _____ Installation date ___11/__1__/1984_

Raw materials __Wood fiber mats_____

Finished products _Neucor molded cores_____

Temporary source: X__No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate		
Maximum rate	2.19 $MSF_{3/4"}$	19,458 $MSF_{3/4"}$

D. Associated Air Pollution Control Equipment

Emissions unit ID _BHP1_____ Device Type__Baghouse_____

Manufacturer _Carter Day_____ Model No_156 RF10_____

Serial No. _____ Installation date ___11/__1__/1995_____

Control efficiency (%) _____99.97_ Capture efficiency (%) _____50.0__

Air pollutant(s) controlled _Particulate__ Efficiency estimation method Manufacturer Specification

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID P2&C2S3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. PM, Formaldehyde, Methanol and VOC were adjusted to the results of source testing as reported in Golden Specialties report number 160282. PM reflects control of the west vent by a baghouse with a manufacturer efficiency rating of 99.97% Press and Cooler emissions are combined as one source as tested.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO		0.06	0.3	82115-62-6
NO_X		0.06	0.3	
PM		0.1	0.63	
PM_{10}		0.2	0.73	
$PM_{2.5}$		0.2	0.73	
VOC		0.2	1.0	
FORMALDEHYDE		0.02	0.1	50-00-0
METHANOL		0.1	0.9	67-56-1

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _MHSS1&2___ Description _Material Handling & Sawing_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Material handling & Sizer_____

Manufacturer _Progressive Systems_____ Model No. _N/A_____

Serial No. _N/A_____ Installation date ___10/_01__/_2001

Raw materials _Pressed Neucor Cores_____

Finished products _Sized Neucor Cores_____

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	2.92 ODT	12,775 ODT
Maximum rate	2.92 ODT	25,550 ODT

D. Associated Air Pollution Control Equipment

Emissions unit ID _BHS_____ Device Type__Baghouse_____

Manufacturer _Carter Day_____ Model No__375 RF10_____

Serial No. __N/A_____ Installation date ___11/_01__/_1984____

Control efficiency (%) _____99.97_ Capture efficiency (%) _____100.___

Air pollutant(s) controlled _Particulate__ Efficiency estimation method Manufacturer Specification

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID MHSS1&2

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
PM	0.1	0.04	0.2	
PM_{10}	0.1	0.04	0.2	
$PM_{2.5}$	0.1	0.04	0.2	
VOC	3.9	1.8	7.8	
METHANOL	0.2	0.1	0.4	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _MHSS3___ Description _Material Handling & Sawing_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _Material handling & Sizer_____

Manufacturer _Progressive Systems_____ Model No. _N/A_____

Serial No. _N/A_____ Installation date ___10/_01__/_2001

Raw materials _Pressed Neucor Cores_____

Finished products _Sized Neucor Cores_____

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate		
Maximum rate	5.8 ODT	51,100 ODT

D. Associated Air Pollution Control Equipment

Emissions unit ID _BHS_____ Device Type__Baghouse_____

Manufacturer _Carter Day_____ Model No__375 RF10_____

Serial No. __N/A_____ Installation date ___11/_01__/_1984____

Control efficiency (%) _____99.97_ Capture efficiency (%) _____100.___

Air pollutant(s) controlled _Particulate__ Efficiency estimation method Manufacturer Specification

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID MHSS3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. The sources in stage 3 remain the same but the production level doubles with the addition of Line 2.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
PM		0.1	0.4	
PM_{10}		0.1	0.4	
$PM_{2.5}$		0.1	0.4	
VOC		3.6	15.6	
METHANOL		0.2	0.8	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _MR1S1,2&3_ Description _Material Recycle for Line 1_____

SIC Code (4-digit) _2493_____ SCC Code__N/A___

B. Emissions Unit Description

Primary use or equipment type _Material recycle from Line 1_____

Manufacturer _N/A_____ Model No. _N/A_____

Serial No. _N/A_____ Installation date __11_/_01__/_1984

Raw materials _Wood Fiber_____

Finished products _Neucor Cores_____

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	0.2 ODT	895 ODT
Maximum rate	0.2 ODT	1,789 ODT

D. Associated Air Pollution Control Equipment

Emissions unit ID _BH1_____ Device Type__Baghouse_____

Manufacturer _Clarks_____ Model No__57-20_____

Serial No. __N/A_____ Installation date __11_/_01__/_1984____

Control efficiency (%) _____99.996 Capture efficiency (%) _____100.___

Air pollutant(s) controlled _Particulate__ Efficiency estimation method Manufacturer Specification

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID MR1S1,2&3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO				
NOx				
PM	0.00001	0.000002	0.00002	
PM10	0.00001	0.000002	0.00002	
PM2.5	0.00001	0.000002	0.00002	
Formaldehyde	0.05	0.02	0.1	50-00-0
Methanol	0.2	0.09	0.4	67-56-1
Phenol	0.05	0.04	0.1	108-95-2
VOC	0.2	0.09	0.4	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _MR2S3_____ Description _Material Recycle for Line 2_____

SIC Code (4-digit) _2493_____ SCC Code__N/A___

B. Emissions Unit Description

Primary use or equipment type _Material recycle from Line 2_____

Manufacturer _N/A_____ Model No. _N/A_____

Serial No. _N/A_____ Installation date __11_/_01__/_1995

Raw materials _Wood Fiber_____

Finished products _Neucor Cores_____

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	0 ODT	0 ODT
Maximum rate	0.2 ODT	1,789 ODT

D. Associated Air Pollution Control Equipment

Emissions unit ID _BH2_____ Device Type__Baghouse_____

Manufacturer _N/A_____ Model No__N/A_____

Serial No. __N/A_____ Installation date _N/A_/_ __/_ __

Control efficiency (%) _____99.996 Capture efficiency (%) _____100.___

Air pollutant(s) controlled _Particulate__ Efficiency estimation method Assumed equivalent to BH1

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID MR2S3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. In the application for the permit it was represented that when line 2 came on line this baghouse would treat air streams from line 2 as well as from the sander. The baghouse only has the capacity to handle one of these sources, in this application the baghouse is identified as a new source called BHSND. A new baghouse will need to be installed to handle the line 2 recycle air. The throughput and emissions will be the same as for MR1.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO				
NOx				
PM		0.000002	0.00002	
PM10		0.000002	0.00002	
PM2.5		0.000002	0.00002	
Formaldehyde		0.02	0.1	50-00-0
Methanol		0.09	0.4	67-56-1
Phenol		0.04	0.1	108-95-2
VOC		0.09	0.4	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES (EUD-3)

A. General Information

Emissions unit ID _SNDS1,2&3 Description _Kimwood Sander_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use or equipment type _5' wide sander for gauging cores_____

Manufacturer _Kimwood_____ Model No. _2HD 5FT CM_____

Serial No. _R50173_____ Installation date ___01/_01__/_2016

Raw materials _Pressed and sized Neucor cores_____

Finished products _Neucor cores gauged for thickness_____

Temporary source: _X_No ___Yes

C. Activity or Production Rates

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate	0.088 ODT/Hr	383 ODT/Yr
Maximum rate	0.088 ODT/Hr	1,533 ODT/Yr

D. Associated Air Pollution Control Equipment

Emissions unit ID __BHSND____ Device Type__Baghouse_____

Manufacturer _Clarks_____ Model No__57-20_____

Serial No. _____ Installation date ___11/___01/_1984____

Control efficiency (%) _____99.996 Capture efficiency (%) _____100.___

Air pollutant(s) controlled __Particulate_ Efficiency estimation method Manufacturer Specification

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID SNDS1,2&3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200. This baghouse was taken from line 2 and used to treat the air from the new sander. It doesn't have the capacity to treat both the sander and line 2 so another baghouse will need to be acquired prior to starting line2. When line 2 is started the volume of product going through the sander will double so the below emissions are 2X the emissions listed for MR2S (line 1).

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
PM	0.02	0.02	0.06	
PM10	0.02	0.02	0.06	
PM2.5	0.02	0.05	0.06	
VOC	0.005	0.004	0.02	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID _FPES1,2&3_ Description__Fire Pump Engine_____

SIC Code (4-digit) _2493_____ SCC Code_____

B. Emissions Unit Description

Primary use Diesel backup to electric fire pumps Temporary Source ___Yes X___No

Manufacturer _Detroit Diesel_____ Model No. _6061A___

Serial Number 6A-16066_____ Installation Date_NA_/____/_____

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _Diesel Fire Pump Engine_____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input _____MM BTU/hr

C. Fuel Data

Primary fuel type(s)___#2 Diesel_____ Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
#2 Diesel	0.005	NA	138,000 BTU/Gallon

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
#2 Diesel	748 mm	1.495 mmBTU/hr	1,495 mmBTU

E. Associated Air Pollution Control Equipment

Emissions unit ID_None_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID FPS1,2&3

B. Identification and Quantification of Emissions

Emissions taken from Minor New Source Review Permit R10TNSR00200.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO	0.05	0.02	0.1	
NO_X	0.15	0.06	0.3	
PM	0.0	0.0	0.01	
PM_{10}	0.0	0.0	0.01	
$PM_{2.5}$	0.0	0.0	0.01	
SO_2	0.0	0.0	0.03	
VOC	0.0	0.0	0.02	

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
INSIGNIFICANT EMISSIONS (IE)

On this page list each insignificant activity or emission unit. In the "number" column, indicate the number of units in this category. Descriptions should be brief but unique. Indicate which emissions criterion of part 71 is the basis for the exemption.

Number	Description of Activities or Emissions Units	RAP (except HAP)	HAP
5	Diesel and gasoline storage tanks for on site refueling.		X
3	Gasoline burning landscape maintenance equipment.		X
1	Propane tank for refueling of onsite equipment.		X
2	Evaporative and tail pipe emissions from on-site vehicles		X
5	Hydraulic equipment fluid storage tanks.		X

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
POTENTIAL TO EMIT (PTE) Stage 1

For each emissions unit at the facility, list the unit ID and the PTE of each air pollutant listed below and sum the values to determine the total PTE for the facility. It may be helpful to complete form **EMISS** before completing this form. Report each pollutant at each unit to the nearest tenth (0.1) of a ton; values may be reported with greater precision (i.e., more decimal places) if desired. Report facility total PTE for each listed pollutant on this form and in section **J** of form **GIS**. The HAP column is for the PTE of all HAPs for each unit. You may use an attachment to show any pollutants that may be present in major amounts that are not already listed on the form (this is not common).

Emissions Unit ID	Regulated Air Pollutants and Pollutants for which Source is Major (PTE in tons/yr)						
	NOx	VOC	SO2	PM10	CO	Lead	HAP
BLR2S1,2&3	23.2	0.2	8.2	3.8	5.8		0.047
BLR3S1,2&3	5.3	0.1	1.9	0.9	1.3		0.009
D1S1		17.8		28.9	0.9		0.52
F1S1,2&3		0.155		0.04			0.155
P1&C1S1	0.3	0.7		4.1	0.3		0.7
MHSS1&2		7.8		0.2			0.4
MR1S1,2&3		0.4		0.00002			0.6
SNDS1,2&3		0.02		0.06			
FACILITY TOTALS:	**28.8**	**27.2**	**10.1**	**38.0**	**8.3**		**2.4**

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
POTENTIAL TO EMIT (PTE) Stage 2

For each emissions unit at the facility, list the unit ID and the PTE of each air pollutant listed below and sum the values to determine the total PTE for the facility. It may be helpful to complete form **EMISS** before completing this form. Report each pollutant at each unit to the nearest tenth (0.1) of a ton; values may be reported with greater precision (i.e., more decimal places) if desired. Report facility total PTE for each listed pollutant on this form and in section **J** of form **GIS**. The HAP column is for the PTE of all HAPs for each unit. You may use an attachment to show any pollutants that may be present in major amounts that are not already listed on the form (this is not common).

Emissions Unit ID	Regulated Air Pollutants and Pollutants for which Source is Major (PTE in tons/yr)						
	NOx	VOC	SO2	PM10	CO	Lead	HAP
BLR2S1,2&3	23.2	0.2	8.2	3.8	5.8		0.047
BLR3S1,2&3	5.3	0.1	1.9	0.9	1.3		0.009
D1S2		26.6		43.1	1.4		0.77
F1S1,2&3		0.155		0.04			0.155
P1&C1S2	0.3	1.0		0.73	0.3		1.0
MHSS1&2		7.8		0.2			0.4
MR1S1,2&3		0.4		0.00002			0.6
SNDS1,2&3		0.02		0.06			
FACILITY TOTALS:	**28.8**	**36.3**	**10.1**	**48.9**	**9.5**		**3.0**

United States Environmental Protection Agency

OMB No. 2060-0336,
Approval Expires 05/31/2019

Federal Operating Permit Program (40 CFR Part 71)
POTENTIAL TO EMIT (PTE) Stage 3

For each emissions unit at the facility, list the unit ID and the PTE of each air pollutant listed below and sum the values to determine the total PTE for the facility. It may be helpful to complete form **EMISS** before completing this form. Report each pollutant at each unit to the nearest tenth (0.1) of a ton; values may be reported with greater precision (i.e., more decimal places) if desired. Report facility total PTE for each listed pollutant on this form and in section **J** of form **GIS**. The HAP column is for the PTE of all HAPs for each unit. You may use an attachment to show any pollutants that may be present in major amounts that are not already listed on the form (this is not common).

Emissions Unit ID	Regulated Air Pollutants and Pollutants for which Source is Major (PTE in tons/yr)						
	NOx	VOC	SO2	PM10	CO	Lead	HAP
BLR1S3	72.5	3.5	5.2	11.6	124.0		
BLR21,2&3	23.2	0.2	8.2	3.8	5.8		.047
BLR3S1,2&3	5.3	0.1	1.9	0.9	1.3		.009
D1S3		26.6		0.5			0.8
D2S3		26.6		0.5			0.8
F1S1,2&3		0.155		0.04	1.4		0.155
F2S3		0.155		0.04			0.155
P1&C1S2&3	0.3	1.0		0.73	0.3		1.0
P2&C2S3	0.3	1.0		0.73	0.3		1.0
MHSS3							
MR1S1,2&3		0.4		0.00002			0.6
MR2S3		0.4		0.00002			0.6

SNDS1,2&3		0.02		0.06			
FACILITY TOTALS:	101.6	60.1	15.3	18.9	133.1		14.2