

# Title V Application

Current Status: Engineering Review

App ID: 40038

Date Submitted: 03/06/2015

Today is Aug 24, 2015

## A. GENERAL INFORMATION

Construction or Modification Date	2015
Project Description	A new continuous drying kiln (CDK) will be installed at 125 MMBF/yr with a sawdust gasifier (35 MMBtu/hr). A sawdust fuel silo will also be installed to store sawdust generated onsite. The three existing kilns will be unaffected by the project.

## A.1. APPLICATION INFORMATION

Application Processing	Expedited
Application Reason	Modification
Application Type	Significant Modification with construction
A Summary of all the Modifications being made	A new continuous drying kiln (CDK) will be installed at 125 MMBF/yr with a sawdust gasifier (35 MMBtu/hr). A sawdust fuel silo will also be installed to store sawdust generated onsite. The three existing kilns will be unaffected by the project.
A Summary of Name or Ownership Change	
Application Submitted for	
Describe facility at a Part 70 site covered by the application	
List out other facilities included in a Part 70 site	

## EPD User Only

EPD User Only	false
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## A.2. FACILITY INFORMATION

Facility	GEORGIA-PACIFIC WOOD PRODUCTS SOUTH LLC LUMBER PLANT
Original ID	11500016
Mailing Address 1	303 S. Temple Drive
Mailing Address 2	N/A
County	Floyd
City	Rome
State	TX
Zip	75941
Latitude	34.252502
Longitude	-85.321754
Does your facility have less than 100 employees?	No
SIC Code	2421 (Sawmills and planing mills, general)
NAICS Code	321113 (Sawmills)
Facility Description	The Rome Lumber Mill produces dried planed southern pine lumber from uncut logs. The Mill operates a sawmill for producing cut green lumber with dry kilns to dry the green lumber, and a planer for producing finished board. The Mill also operates ancillary processes that include log storage areas, log debarker, and wood waste conveying systems.

**FacSignifProcess**

ProcessName:	Continuous Drying Kiln
Description:	Lumber Drying
ProcessName:	EP 7 Chipper/Gang Saw
Description:	Sawing
ProcessName:	EP 2 Ring Debarker
Description:	Debarking
ProcessName:	LDK 1-3 Steam Kilns
Description:	Lumber Drying
ProcessName:	PM Planer Cyclone
Description:	Dry Sawing and Cyclone

**FacCAPEmissions**

PollutantID:	PM
PTE:	47.88
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	15.17
DateStart:	
DateEnd:	
FutureMax:	47.88
PollutantID:	PM-PRI
PTE:	28.22
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	15.17
DateStart:	
DateEnd:	
FutureMax:	28.22
PollutantID:	PM25-PRI
PTE:	16.74
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	
DateStart:	
DateEnd:	
FutureMax:	16.74
PollutantID:	VOC
PTE:	947.01
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	462
DateStart:	

DateEnd:	
FutureMax:	947.01
PollutantID:	NOX
PTE:	9.98
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	0
DateStart:	
DateEnd:	
FutureMax:	9.98
PollutantID:	SO2
PTE:	0.49
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	0
DateStart:	
DateEnd:	
FutureMax:	0.49
PollutantID:	CO
PTE:	79.27
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	0
DateStart:	
DateEnd:	
FutureMax:	79.27
PollutantID:	7439921
PTE:	0.01
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	0
DateStart:	
DateEnd:	
FutureMax:	0.01
PollutantID:	TOTAL-HAP
PTE:	73.09
AllowableLimitRequested:	No
AllowableLimit:	
PastMax:	
DateStart:	
DateEnd:	
FutureMax:	73.09

#### FacCAPOther

PollutantID:

PTE:  
AllowableLimitRequested:  
AllowableLimit:  
PastMax:  
DateStart:  
DateEnd:  
FutureMax:

### A.2.3 Facility Wide HAP Emissions

Total Facility Wide HAP PTE(tpy)	73.09
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### A.3. Title VI Level

Does our facility have any air conditioners or refrigeration equipment that uses CFC's, HFC's or other stratospheric   ozone-depleting substances listed in 40 CFR Part 82, Subpart A, Appendices A and B?	true
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Does any air conditioner or any piece of refrigeration equipment contain a refrigerant charge of greater than 50 lbs?	false
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Do your facility personnel maintain, services, repair, or dispose of any motor vehicle air conditioners (MVAC's) or   appliances?	false
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Title VI Comment

### FacHAP Emissions

#### \* [Group 1]

PollutantName:	Acetaldehyde
PollutantID:	472
PollutantCd:	75070
SubDescription:	Acetaldehyde
SubstanceChemName:	HAP
CasNumber:	
PTE:	6.46
AllowableLimitRequested:	No
AllowableLimit:	

#### \* [Group 2]

PollutantName:	Methanol
PollutantID:	429
PollutantCd:	67561
SubDescription:	Methanol
SubstanceChemName:	HAP
CasNumber:	
PTE:	50.17
AllowableLimitRequested:	No
AllowableLimit:	

#### \* [Group 3]

PollutantName:	Formaldehyde
PollutantID:	335

PollutantCd:	50000
SubDescription:	Formaldehyde
SubstanceChemName:	HAP
CasNumber:	
PTE:	9.49
AllowableLimitRequested:	No
AllowableLimit:	

\* [Group 4]

PollutantName:	Propionaldehyde
PollutantID:	120
PollutantCd:	123386
SubDescription:	Propionaldehyde
SubstanceChemName:	HAP
CasNumber:	
PTE:	0.136
AllowableLimitRequested:	No
AllowableLimit:	

\* [Group 5]

PollutantName:	Phenol
PollutantID:	65
PollutantCd:	108952
SubDescription:	Phenol
SubstanceChemName:	HAP
CasNumber:	
PTE:	5.25
AllowableLimitRequested:	No
AllowableLimit:	

## FacilityRule

\* [Group 1]

RuleID:	94
RefType:	MACT(Part 63)
RefCode:	A
Description:	General Provisions

\* [Group 2]

RuleID:	40
RefType:	SIP
RefCode:	.02(2)(n)
Description:	Fugitive Dust

\* [Group 3]

RuleID:	15
RefType:	SIP
RefCode:	.02(2)(e)
Description:	Particulate Emission from Manufacturing Processes

\* [Group 4]

RuleID:	6
RefType:	SIP
RefCode:	.02(2)(b)
Description:	Visible Emissions

\* [Group 5]

RuleID:	3
RefType:	SIP
RefCode:	.02(2)(5)
Description:	Open Burning

\* [Group 6]

RuleID:	2
RefType:	SIP
RefCode:	.02(2)(3)
Description:	Sampling