

Title V Application

Current Status: Engineering Review

App ID: 40038

Date Submitted: 03/06/2015

Today is Aug 24, 2015

EmissionUnit

* [Group 1]

EUID: PM
EUType: Miscellaneous
InstallationDate: 07/01/1981
Description:
-- Detail --:

Emission Unit Type: 10
Emission Source Identifier: PM
Emission Source Name: Planer mill with Cyclone
Description: Planer mill converts rough cut dry lumber to finished lumber. Planer shavings produced from the process are pneumatically transferred by cyclone to a planer shavings bin. Emissions from the cyclone are controlled by a baghouse.
Manufacturer: Newman Machine Co., Inc.
Model Number: 990
Date of Manufacture/Reconstruction/Modification: 07/01/1981
Installation Date: 07/01/1981
Comments: The manufacturer of the planer cyclone is Rees Memphis, Size 45, installed 11/94.
InputOutput: Input
Material: Dry Lumber
MaterialType: Wood Products
ControlDeviceID: PMBH
DeviceType: Filter Media
Manufacture: MAC Equipment
Model: 144MPH527 Style III
DateManufactured: 2/2006
InstallationDate: 6/2007
ReasonForOperation: Product recovery
RuleID: 15
RefType: SIP
RefCode: .02(2)(e)
Description: Particulate Emission from Manufacturing Processes
RuleID: 6
RefType: SIP
RefCode: .02(2)(b)
Description: Visible Emissions

* [Group 2]

EUID: LDK1
EUType: Dryers, Calciners, Kilns & Ovens
InstallationDate: 07/01/1981
Description:

-- Detail --:

Emission Unit Type: 4
Emission Source Identifier: LDK1
Emission Source Name: Lumber Drying Kiln No. 1
Description: Steam-heated kiln dries rough cut green lumber.
Manufacturer: Irvington Moore
Model Number: 68' double track
Date of Manufacture/Reconstruction/Modification: 07/01/1981
Installation Date: 07/01/1981
Identify type of emission unit: Dryer
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other
Description of other: Indirect-heated with steam
MaterialTypeName: Rough cut green lumber
MaximumRatedCapacity: 220,000 MBF/yr total for 3 steam kilns
MaximumHourlyRate: 29.41 MBF/hr total for 3 steam kilns
MoistureContent: 50
FuelType: Wood Products
MaxAnnualFuelConsumption: 0
MaxHeatingValue: 0
MaxHeatingValueUnits: 0
MaxAllowableSulfurPercent: 0
Unit: Tons
ReleasePointID: BK01A-J
ReleasePointType: Vertical
Latitude: 32.648323059082031
Longitude: -83.444534301757812
Height: 25
RuleID: 94
RefType: MACT(Part 63)
RefCode: A
Description: General Provisions
RuleID: 15
RefType: SIP
RefCode: .02(2)(e)
Description: Particulate Emission from Manufacturing Processes
RuleID: 6
RefType: SIP
RefCode: .02(2)(b)
Description: Visible Emissions

* [Group 3]

EUID:	LDK2
EUType:	Dryers, Calciners, Kilns & Ovens
InstallationDate:	07/01/1981
Description:	
-- Detail --:	

Emission Unit Type: 4
Emission Source Identifier: LDK2
Emission Source Name: Lumber Drying Kiln No. 2
Description: Steam kiln dries rough cut green lumber.
Manufacturer: Irvington Moore
Model Number: 68' double track
Date of Manufacture/Reconstruction/Modification: 07/01/1981
Installation Date: 07/01/1981
Identify type of emission unit: Dryer
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other
Description of other: Indirect-heated with steam
MaterialTypeName: Rough cut green lumber
MaximumRatedCapacity: 220,000 MBF/yr total for 3 steam kilns
MaximumHourlyRate: 29.41 MBF/hr total for 3 steam kilns
MoistureContent: 50
FuelType: Wood Products
MaxAnnualFuelConsumption: 0
MaxHeatingValue: 0
MaxHeatingValueUnits: 0
MaxAllowableSulfurPercent: 0
Unit: Tons
ReleasePointID: BK02A-J
ReleasePointType: Vertical
Latitude: 32.648323059082031
Longitude: -83.444534301757812
Height: 25
RuleID: 94
RefType: MACT(Part 63)
RefCode: A
Description: General Provisions
RuleID: 15
RefType: SIP
RefCode: .02(2)(e)
Description: Particulate Emission from Manufacturing Processes
RuleID: 6
RefType: SIP
RefCode: .02(2)(b)
Description: Visible Emissions

* [Group 4]

EUID: LDK3
EUType: Dryers, Calciners, Kilns & Ovens
InstallationDate: 10/1995
Description:
-- Detail --:

Emission Unit Type: 4

Emission Source Identifier: LDK3
Emission Source Name: Lumber Dry Kiln No. 3
Description: Steam kiln dries rough cut green lumber.
Manufacturer: Wellons
Model Number: 68' double track
Date of Manufacture/Reconstruction/Modification: 10/1995
Installation Date: 10/1995
Identify type of emission unit: Dryer
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other
Description of other: Indirect-heated with steam
MaterialTypeName: Rough cut green lumber
MaximumRatedCapacity: 220,000 MBF/yr total for 3 steam kilns
MaximumHourlyRate: 29.41 MBF/hr total for 3 steam kilns
FuelType: Wood Products
MaxAnnualFuelConsumption: 0
MaxHeatingValue: 0
MaxHeatingValueUnits: 0
MaxAllowableSulfurPercent: 0
Unit: Tons
ReleasePointID: BK03A-J
ReleasePointType: Vertical
Latitude: 32.648323059082031
Longitude: -83.444534301757812
Height: 22
RuleID: 94
RefType: MACT(Part 63)
RefCode: A
Description: General Provisions
RuleID: 15
RefType: SIP
RefCode: .02(2)(e)
Description: Particulate Emission from Manufacturing Processes
RuleID: 6
RefType: SIP
RefCode: .02(2)(b)
Description: Visible Emissions

* [Group 5]

EUID:
EUType:
InstallationDate:
Description:
-- Detail --:

CDK
Dryers, Calciners, Kilns & Ovens

Emission Unit Type: 4
Emission Source Identifier: CDK
Emission Source Name: Continuous Lumber Drying Kiln

Description: Continuous lumber drying kiln with sawdust gasifier dries rough cut green lumber.

Identify type of emission unit: Dryer

Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other

Description of other: Continuous direct-fired lumber drying kiln

MaterialTypeName: Rough cut green lumber

MaximumRatedCapacity: 125,000 MBF/yr

MaximumHourlyRate: 15.43 MBF/hr

FuelType: Wood Products

MaxAnnualFuelConsumption: 34066

MaxHeatingValue: 35

MaxHeatingValueUnits: MMBtu/hr

MaxAllowableSulfurPercent: 0

Comment: Max annual fuel consumption calculated assuming 9 MMBtu/ton at 8,760 hours per year.

Unit: Tons

ReleasePointID: CDKSTCKN

ReleasePointType: Vertical

Latitude: 32.648323059082031

Longitude: -83.444534301757812

Height: 41

ReleasePointID: CDKSTCKS

ReleasePointType: Vertical

Latitude: 32.648323059082031

Longitude: -83.444534301757812

Height: 41

ReleasePointID: CDKFUGN

ReleasePointType: Vertical

Latitude: 32.648323059082031

Longitude: -83.444534301757812

Height: 10

ReleasePointID: CDKFUGS

ReleasePointType: Vertical

Latitude: 32.648323059082031

Longitude: -83.444534301757812

Height: 10

RuleID: 94

RefType: MACT(Part 63)

RefCode: A

Description: General Provisions

RuleID: 15

RefType: SIP

RefCode: .02(2)(e)

Description: Particulate Emission from Manufacturing Processes

RuleID: 6

RefType: SIP

RefCode: .02(2)(b)
Description: Visible Emissions

* [Group 6]

EUID: EP 7
EUType: Miscellaneous

InstallationDate:

Description:

-- Detail --:

Emission Unit Type: 10
Emission Source Identifier: EP 7
Emission Source Name: Chipper/Gang Saw
Description: Chipper and gang saws
InputOutput: Input
Material: Green Lumber
MaterialType: Green Lumber
RuleID: 40
RefType: SIP
RefCode: .02(2)(n)
Description: Fugitive Dust

* [Group 7]

EUID: EP 2
EUType: Miscellaneous

InstallationDate:

Description:

-- Detail --:

Emission Unit Type: 10
Emission Source Identifier: EP 2
Emission Source Name: Ring Debarker
Description: Whole green logs are debarked in this process.
InputOutput: Input
Material: Green logs
MaterialType: Wood products
RuleID: 40
RefType: SIP
RefCode: .02(2)(n)
Description: Fugitive Dust

* [Group 8]

EUID: SFS
EUType: Miscellaneous

InstallationDate:

Description:

-- Detail --:

DeviceType: Cyclone/Multiclone/Settling Chamber
Manufacture: Fisher-Klosterman
Model: XQ120-19

Emission Unit Type: 10
Emission Source Identifier: SFS
Emission Source Name: Sawdust Fuel Silo
Description: Fuel Silo to support CDK
InputOutput: Input
Material: Sawdust
MaterialType: Sawdust
MaxAnnualInput: 37500
MaxAnnualInputUnit: tons of sawdust
ControlDeviceID: TBD
ReasonForOperation: Product recovery
RuleID: 15
RefType: SIP
RefCode: .02(2)(e)
Description: Particulate Emission from Manufacturing Processes