

**EmissionGroup**

\* [Group 1]

EGID: SEP FB01  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
Description: Emissions from FB01 are routed through Kilns DK01 and DK02, or the bypass stack  
EmissionSource: <ul><li>FB01(Type: Boilers, Furnaces & Other Indirect Contact Heat Generating Equipment)</li></ul>

-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP FB01  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: Emissions from FB01 are routed through Kilns DK01 and DK02, or the bypass stack  
EUID: FB01  
EUType: Boilers, Furnaces & Other Indirect Contact Heat Generating Equipment  
InstallationDate: 01/01/2002

**Detail**

Emission Unit Type: 1  
Emission Source Identifier: FB01  
Emission Source Name: Fluidized Bed Combustor  
Description: The Fluidized Bed Combustor burns green sawdust to provide heated air to drying kilns DK01 and DK02. Heated air is filtered by the Multiclone (MC01). Emissions during normal operations from FB01 are emitted at fugitive source F006 and F007 at DK01 and DK02 respectively. When the kiln is emptied and reloaded, emissions occur at S006; this is approximately 30 minutes for each charge.

Manufacturer: York Shipley  
Model Number: FB-100  
Date of Manufacture/Reconstruction/Modification: 01/01/2002  
Installation Date: 01/01/2002

Describe the fuel burning configuration: Screened sawdust is collected from the sawmill and blown into the space above the bed where it burns in suspension and in the bed. The Fluidized Bed Combustor has a natural gas preheat stage. The burner is preheated with natural gas for approximately 2.5 hours per week for startup operations.

Heat Input Capacity(MMBtu/Hr): 26

Comments: The Fluidized Bed Combustor has a preheat natural gas fired stage. The natural gas is run for approximately 2.5 hours per week during startup of the burner. This natural gas preheat cannot be used for drying operations in lieu of wood based fuel.

FuelType: Wood Products

MaxHourlyConsumption: 2.9  
MaxHourlyAvgConsumption: 1.875  
MaxAnnualFuelConsumption: 25404  
PercentOzoneSeason: 41.67  
MaxHeatingValue: 4500  
MaxHeatingValueUnits: Btu/lb  
MaxAllowableSulfurPercent: 2.5

Comment: The Fluidized Bed Combustor has a preheat natural gas fired stage. The natural gas is run for approximately 2.5 hours per week during startup of the burner. This natural gas preheat cannot be used for drying operations in lieu of wood based fuel.

Unit: Tons

ControlDeviceID: MC01

DeviceType: Cyclone/Multiclone/Settling Chamber

Manufacture: Unknown

Model: Unknown

ReasonForOperation: To comply with state or federal rule

ReleasePointID: S006

ReleasePointType: Vertical

Latitude: 30.835144

Longitude: -83.996823

Height: 30

ReleasePointID: S008

ReleasePointType: Vertical

Latitude: 30.83504

Longitude: -83.996785

Height: 20

ReleasePointID: S009

ReleasePointType: Vertical

Latitude: 30.83529

Longitude: -83.996866

Height: 20

RuleID: 20

RefType: SIP

RefCode: .02(2)(g)

Description: Sulfur Dioxide

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]

EGID:

SEP SB01

EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
Description: System generated SEP Emission Path.  
EmissionSource: <ul><li>SB01(Type: Boilers, Furnaces & Other Indirect Contact Heat Generating Equipment)</li></ul>  
-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP SB01  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: System generated SEP Emission Path.  
EUID: SB01  
EUType: Boilers, Furnaces & Other Indirect Contact Heat Generating Equipment  
InstallationDate: 01/01/2002

#### Detail

Emission Unit Type: 1  
Emission Source Identifier: SB01  
Emission Source Name: Suspension Burner  
Description: The Suspension Burner burns dry wood shavings to provide heated air to drying kiln DK03. All emissions from SB01 are emitted at fugitive source F008 at DK03.  
Manufacturer: McConnell  
Model Number: B-36  
Date of Manufacture/Reconstruction/Modification: 01/01/2002  
Installation Date: 01/01/2002  
Describe the fuel burning configuration: Wood shavings are collected from the planer mills and burned in the burner. The Suspension Burner has a natural gas preheat stage. The burner is preheated with natural gas for approximately 45 minutes per week for startup operations.  
Heat Input Capacity(MMBtu/Hr): 20  
Comments: The Suspension Burner has a preheat natural gas fired stage. The natural gas is run for 45 minutes per week during startup of the burner. This natural gas preheat cannot be used for drying operations in lieu of wood based fuel.

FuelType: Wood Products  
MaxHourlyConsumption: 1.25  
MaxHourlyAvgConsumption: 1.25  
MaxAnnualFuelConsumption: 10950  
PercentOzoneSeason: 41.67  
MaxHeatingValue: 8000  
MaxHeatingValueUnits: Btu/lb  
MaxAllowableSulfurPercent: 2.5

Comment: The Suspension Burner has a preheat natural gas fired stage. The natural gas is run for 45 minutes per week during startup of the burner. This natural gas preheat cannot be used for drying operations in lieu of wood based fuel.

Unit: Tons

ReleasePointID: S010  
ReleasePointType: Vertical  
Latitude: 30.835479  
Longitude: -83.996924  
Height: 20  
RuleID: 20  
RefType: SIP  
RefCode: .02(2)(g)  
Description: Sulfur Dioxide  
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]

EGID: SEP SG01  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
Description: System generated SEP Emission Path.  
EmissionSource: <ul><li>SG01(Type: Boilers, Furnaces &amp; Other Indirect Contact Heat Generating Equipment)</li></ul>

-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP SG01  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: System generated SEP Emission Path.  
EUID: SG01  
EUType: Boilers, Furnaces &amp; Other Indirect Contact Heat Generating Equipment  
InstallationDate: 01/01/2014  
Detail  
Emission Unit Type: 1  
Emission Source Identifier: SG01  
Emission Source Name: Sloped Grate Burner  
Description: The Sloped Grate Burner burns green sawdust to provide heated air to continuous drying kiln DK04. Combustion emissions from SG01 are emitted at DK04 stacks S011, S012, S013, and S014.  
Manufacturer: USNR  
Date of Manufacture/Reconstruction/Modification: 01/01/2014  
Installation Date: 01/01/2014

Describe the fuel burning configuration: Screened sawdust is collected from the sawmill and conveyed to the burner.

Heat Input Capacity(MMBtu/Hr): 40

ReleasePointID: S011

ReleasePointType: Horizontal

Latitude: 30.834418

Longitude: -83.99756

Height: 17.5

ReleasePointID: S012

ReleasePointType: Horizontal

Latitude: 30.834382

Longitude: -83.997558

Height: 17.5

ReleasePointID: S013

ReleasePointType: Horizontal

Latitude: 30.83458

Longitude: -83.996802

Height: 17.5

ReleasePointID: S014

ReleasePointType: Horizontal

Latitude: 30.834544

Longitude: -83.99679

Height: 17.5

RuleID: 20

RefType: SIP

RefCode: .02(2)(g)

Description: Sulfur Dioxide

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

FuelType: Wood Products

MaxHourlyConsumption: 4.444

MaxHourlyAvgConsumption: 4.444

MaxAnnualFuelConsumption: 38929

PercentOzoneSeason: 41.67

MaxHeatingValue: 4500

MaxHeatingValueUnits: Btu/lb

MaxAllowableSulfurPercent: 2.5

Unit: Tons

\* [Group 4]

EGID: SEP DK01  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
Description: Emissions from the kiln and portion of emissions from FB01 exhaust through roof vents of the kiln  
EmissionSource: <ul><li>DK01(Type: Dryers, Calciners, Kilns & Ovens)</li></ul>  
-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP DK01  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: Emissions from the kiln and portion of emissions from FB01 exhaust through roof vents of the kiln  
EUID: DK01  
EUType: Dryers, Calciners, Kilns & Ovens  
InstallationDate: 01/02/1980

Detail

Emission Unit Type: 4  
Emission Source Identifier: DK01  
Emission Source Name: Drying Kiln #1  
Description: Direct-fired kiln for drying green lumber. Heated air supplied by FB01. Emissions are emitted through the roof vents, identified as single point source S008.  
Manufacturer: US Natural Resources, Inc.  
Model Number: Hi temp direct fired  
Date of Manufacture/Reconstruction/Modification: 01/01/2002  
Installation Date: 01/02/1980  
Identify type of emission unit: Kiln  
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other  
Description of other: Lumber Drying Kiln  
MaterialTypeName: Green dimensioned lumber  
MaximumHourlyRate: 10.4 tons/hr  
MoistureContent: 50  
FuelType: Wood Products  
PotentialFuelConsumption: 0  
MaxHourlyConsumption: 0  
MaxHourlyAvgConsumption: 0  
MaxAnnualFuelConsumption: 0  
PercentOzoneSeason: 0  
MaxHeatingValue: 0  
MaxHeatingValueUnits: 0  
MaxHeatInput: 0  
MinHeatInput: 0  
AvgHeatInput: 0  
MaxAllowableSulfurPercent: 2.5

Comment: Source DK01 does not actually burn any fuel. Heat is provided by the Fluidized Bed Combustor (FB01). The application software would not validate the application without adding a "fuel burned component" for the kiln.

Unit: Tons

ReleasePointID: S008

ReleasePointType: Vertical

Latitude: 30.83504

Longitude: -83.996785

Height: 20

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]

EGID:

SEP DK02

EGType:

Single Emissions Path (SEP)

NoSpecificMonitoring:

No

NoSpecificTesting:

Yes

Description:

Emissions from the kiln and portion of emissions from FB01 exhaust through roof vents of the kiln

EmissionSource:

<ul><li>DK02(Type: Dryers, Calciners, Kilns & Ovens)</li></ul>

-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)

Emission Path Group Identifier: SEP DK02

Check here if no specific monitoring needed: false

Check here if no specific testing needed: true

Description: Emissions from the kiln and portion of emissions from FB01 exhaust through roof vents of the kiln

EUID: DK02

EUType: Dryers, Calciners, Kilns & Ovens

InstallationDate: 01/02/1980

Detail

Emission Unit Type: 4

Emission Source Identifier: DK02

Emission Source Name: Drying Kiln #2

Description: Direct-fired drying kiln with heated air supplied by fluidized bed combustor FB01. Emissions are emitted through the roof vents, identified as single point source S009.

Manufacturer: US Natural Resources, Inc.

Model Number: Hi temp direct fired

Date of Manufacture/Reconstruction/Modification: 01/01/2002

Installation Date: 01/02/1980

Identify type of emission unit: Kiln  
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other  
Description of other: Lumber Drying Kiln  
Comments: Maximum hourly input is 4,166.7 BF/hr  
MaterialTypeName: Green dimensioned lumber  
MaximumHourlyRate: 10.4 tons/hr  
MoistureContent: 50  
FuelType: Wood Products  
PotentialFuelConsumption: 0  
MaxHourlyConsumption: 0  
MaxHourlyAvgConsumption: 0  
MaxAnnualFuelConsumption: 0  
PercentOzoneSeason: 0  
MaxHeatingValue: 0  
MaxHeatingValueUnits: 0  
MaxHeatInput: 0  
MinHeatInput: 0  
AvgHeatInput: 0  
MaxAllowableSulfurPercent: 2.5  
Comment: Source DK02 does not actually burn any fuel. Heat is provided by the Fluidized Bed Combustor (FB01). The application software would not validate the application without adding a "fuel burned component" for the kiln.

Unit: Tons  
ReleasePointID: S009  
ReleasePointType: Vertical  
Latitude: 30.83529  
Longitude: -83.996866  
Height: 20  
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]

EGID:	SEP DK03
EGType:	Single Emissions Path (SEP)
NoSpecificMonitoring:	No
NoSpecificTesting:	Yes
Description:	Emissions from the kiln and SB01 exhaust through roof vents of the kiln
EmissionSource:	<ul><li>DK03(Type: Dryers, Calciners, Kilns & Ovens)</li></ul>



-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP DK03  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: Emissions from the kiln and SB01 exhaust through roof vents of the kiln  
EUID: DK03  
EUType: Dryers, Calciners, Kilns & Ovens  
InstallationDate: 01/02/1980

Detail

Emission Unit Type: 4  
Emission Source Identifier: DK03  
Emission Source Name: Drying Kiln #3  
Description: Direct-fired kiln for drying green lumber. Heated air supplied by SB01. Emissions are emitted through the roof vents, identified as single point source S010.  
Manufacturer: US Natural Resources, Inc.  
Model Number: Hi temp direct fired  
Date of Manufacture/Reconstruction/Modification: 01/01/2001  
Installation Date: 01/02/1980  
Identify type of emission unit: Kiln  
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other  
Description of other: Lumber Drying Kiln  
Comments: Maximum hourly input is 4,166.7 BF/hr  
MaterialTypeName: Green dimensioned lumber  
MaximumHourlyRate: 10.4 tons/hr  
MoistureContent: 50  
FuelType: Wood Products  
PotentialFuelConsumption: 0  
MaxHourlyConsumption: 0  
MaxHourlyAvgConsumption: 0  
MaxAnnualFuelConsumption: 0  
PercentOzoneSeason: 0  
MaxHeatingValue: 0  
MaxHeatingValueUnits: 0  
MaxHeatInput: 0  
MinHeatInput: 0  
AvgHeatInput: 0  
MaxAllowableSulfurPercent: 2.5  
Comment: Source DK03 does not actually burn any fuel. Heat is provided by the Suspension Burner (SB01). The application software would not validate the application without adding a "fuel burned component" for the kiln.  
Unit: Tons  
ReleasePointID: S010  
ReleasePointType: Vertical

Latitude: 30.835479  
Longitude: -83.996924  
Height: 20  
RuleID: 20  
RefType: SIP  
RefCode: .02(2)(g)  
Description: Sulfur Dioxide  
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 7]

EGID: SEP DK04  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
Description: System generated SEP Emission Path.  
EmissionSource: <ul><li>DK04(Type: Dryers, Calciners, Kilns & Ovens)</li></ul>  
-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP DK04  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: System generated SEP Emission Path.  
EUID: DK04  
EUType: Dryers, Calciners, Kilns & Ovens  
InstallationDate: 01/01/2014

Detail

Emission Unit Type: 4  
Emission Source Identifier: DK04  
Emission Source Name: Drying Kiln #4  
Description: Direct-fired continuous drying kiln with heated air supplied by sloped grate burner SG01.  
Manufacturer: USNR  
Model Number: Unknown  
Date of Manufacture/Reconstruction/Modification: 01/01/2014  
Installation Date: 01/01/2014  
Identify type of emission unit: Kiln  
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other  
Description of other: Lumber Drying Kiln  
Comments: Maximum hourly input is 9,132.4 BF/hr

MaterialTypeName: Green dimensional lumber

MaximumHourlyRate: 22.79 tons/hr

MoistureContent: 50

FuelType: Wood Products

PotentialFuelConsumption: 0

MaxHourlyConsumption: 0

MaxHourlyAvgConsumption: 0

MaxAnnualFuelConsumption: 0

PercentOzoneSeason: 0

MaxHeatingValue: 0

MaxHeatingValueUnits: 0

MaxHeatInput: 0

MinHeatInput: 0

AvgHeatInput: 0

MaxAllowableSulfurPercent: 2.5

Comment: Source DK04 does not actually burn any fuel. Heat is provided by the Sloped Grate Burner (SG01). The application software would not validate the application without adding a "fuel burned component" for the kiln.

Unit: Tons

ReleasePointID: S011

ReleasePointType: Horizontal

Latitude: 30.834418

Longitude: -83.99756

Height: 17.5

ReleasePointID: S012

ReleasePointType: Horizontal

Latitude: 30.834382

Longitude: -83.997558

Height: 17.5

ReleasePointID: S013

ReleasePointType: Horizontal

Latitude: 30.83458

Longitude: -83.996802

Height: 17.5

ReleasePointID: S014

ReleasePointType: Horizontal

Latitude: 30.834544

Longitude: -83.99679

Height: 17.5

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