

ControlDevice

* [Group 1]

ControlDeviceID: PMBH
DeviceType: Filter Media
DeviceName: Planermill Baghouse
Manufacture: MAC Equipment
Model: 144MPH527 Style III
DateManufactured: 2/2006
InstallationDate: 6/2007
ReasonForOperation: Product recovery

-- Detail --:

Device Type: Filter Media
Control Unit ID: PMBH
Control Unit Name: Planermill Baghouse
Description: 16 oz. single polyester bags
Manufacturer: MAC Equipment
Model Number: 144MPH527 Style III
Date Manufactured/Reconstruction: 2/2006
Installation Date: 6/2007
Reason for Operation of this control device: Product recovery
Media Type: Baghouse
Number of Bags: 572
Inlet Dew Point Temperature: 0
Unit: Fahrenheit
Inlet Gas Temperature: 78
Unit: Fahrenheit
Filter Operational Life: 24
Unit: Months
Filter Area(square feet): 8242
Is the filter medium used in this control device disposable?: No
Filter replaced every: 104
Unit: Weeks
if the filter media are cleaned, give a brief description of the
cleaning method: Bags are cleaned every 4 hours with reverse air.
Bags are replaced as needed based on visual inspections.
Parameters currently (or proposed to be) monitored and normal
operating ranges: Pressure drop, visible emissions
Comments: This is a replacement unit for the original installed in
07/1981.
Pressure drop cited (2 inches water column) is the maximum
recommended for the baghouse.
PollutantID: 604
PollutantCd: PM
PollutantName: Particulate Matter (TSP)

SubstanceChemName: CAP1
SubDescription: Particulate Matter (TSP)
Efficiency: 99.99
PollutantID: 606
PollutantCd: PM-PRI
PollutantName: PM10 (Filt + Cond)
SubstanceChemName: CAP1
SubDescription: PM Primary (Filt + Cond)
Efficiency: 99.9
PollutantID: 612
PollutantCd: PM25-PRI
PollutantName: PM2.5 (Filt + Cond)
SubstanceChemName: CAP1
SubDescription: PM2.5 Primary (Filt + Cond)
Efficiency: 99

* [Group 2]

ControlDeviceID: TBD
DeviceType: Cyclone/Multiclone/Settling Chamber
DeviceName: Sawdust Silo Cyclone
Manufacture: Fisher-Klosterman
Model: XQ120-19
DateManufactured:
InstallationDate:
ReasonForOperation: Product recovery
-- Detail --:

Device Type: Cyclone/Multiclone/Settling Chamber
Control Unit ID: TBD
Control Unit Name: Sawdust Silo Cyclone
Description: Sawdust storage with cyclone. The system will transfer sawdust from the sawmill process and place material into the silo to be used in the new sawdust gasifier at the CDK.
Manufacturer: Fisher-Klosterman
Model Number: XQ120-19
Installation Date Description: To be installed 2015
Reason for Operation of this control device: Product recovery
Pressure Drop(in. w.c.): 4.94
Does the device have a side stream separator?: No
PollutantID: 604
PollutantCd: PM
PollutantName: Particulate Matter (TSP)
SubstanceChemName: CAP1
SubDescription: Particulate Matter (TSP)
Efficiency: 98
PollutantID: 606
PollutantCd: PM-PRI
PollutantName: PM10 (Filt + Cond)

SubstanceChemName: CAP1
SubDescription: PM Primary (Filt + Cond)
Efficiency: 98
PollutantID: 612
PollutantCd: PM25-PRI
PollutantName: PM2.5 (Filt + Cond)
SubstanceChemName: CAP1
SubDescription: PM2.5 Primary (Filt + Cond)
Efficiency: 28