



Grayling Particleboard MAP Finishing

System Procedure Reference	Operational Control	Document #	EHS GPB FIN 001
Revision Contact	Environmental Manager	Revision Date	August 10, 2018
Revision #	001		

1. Purpose

Preventative Maintenance and Malfunction Abatement Plan-for the Finishing Area of the Facility.

Below are the Emission Units and Control Devices for this plan.

Emission Unit	Control Device
EUSANDING	BH18
EUCTPSAW	BH19

This plan fulfills the requirements in current air permit and Malfunction Abatement plan requirements under MACT standard found in 40 CFR 63 Subpart DDDD.

Function: Ensure Compliance with the proper operation and requirement under the current air permit.

2. Scope

This policy applies to Arauco employees and contract workers within the scope of the EHS MS.

3. Responsibility

Responsible supervisory personnel for overseeing the inspection, maintenance, and repair of air cleaning devices: Finishing Coordinator



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A. Preventative Maintenance Program

Emission Source: EUSANDING

Maintenance Program

Item to be inspected	Frequency of Inspections or repairs	Type of inspection	Recordkeeping Method
PMs	Monthly	Maintenance	SAP Work Order
Maintenance	Yearly	Maintenance	SAP Work Order

Emission Source: EUCTPSAW

Maintenance Program

Item to be inspected	Frequency of Inspections or repairs	Type of inspection	Recordkeeping Method
PMs	Monthly	Maintenance	SAP Work Order
Maintenance	Yearly	Maintenance	SAP Work Order

Air Cleaning Device: Baghouse (BH18, BH19)

Maintenance Program

Item to be inspected	Frequency of Inspections or repairs	Type of inspection	Recordkeeping Method
Visual Stack Observation	Weekly	Visual	Log Sheet
Pressure Drop Monitor	Annual	Calibration	SAP Work Order
Fans	Annual	Bearing Repacks	SAP Work Order
Fans	Quarterly	PM	SAP Work Order
Rotary valves	Yearly	PM	SAP Work Order



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Spare parts list for

This list is a list of items to be either kept on hand or if the spare is utilized, then a replacement will be put on order.

Air Cleaning Device: Baghouse (BH18, BH19)

<u>Spare Quantity</u>	<u>Unit Item Description</u>
Full set/size +10%	Bags
Full set/size +10%	Cages
1	Pressure regulator/filter
1	Safety valve
1/size	Air solenoid valve
1	Pressure differential switch
1	Filter Control unit
1/size	Rupture discs
1/size	Fan impeller shaft fixed bearing
1/size	Fan impeller shaft floating bearing
1/size	Fan shaft coupling elements



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B. Emission Unit (Source) and Air Cleaning Device Operating Variables to be Monitored

Emission Source: EUSANDING, EUCTPSAW

The above Emission Sources does not have any operating parameters that will directly affect emissions.

Air Cleaning Device: Baghouse

Operating Variable to be monitored	Normal Range of the Operating Variable	Frequency & method of monitoring malfunction and type of record keeping
Prefilter pressure drop (dP)	Range of >.5 lbs to <8 lbs W.C. to be finalized during commission.	Continuously monitored in the control room and retained in the outside historian.
Visual Emission Inspection	Clear emission from stack.	While operating, one per calendar week a visual emission inspection.



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C. Corrective Procedures or Operational Changes taken in the event of a malfunction or failure to achieve compliance with applicable requirements.

Air Cleaning Device: Baghouse

Malfunction or Failure	Corrective Procedure
Fire in Baghouse	Emergency vents and process shutdown
Pressure <.5 or >8 inches WC	The cause of the out of range pressure differential will be investigated and repairs and or cleaning will be completed.
Abnormal Visual Emissions.	The cause of the abnormal visual emission will be investigated and repairs and or cleaning will be completed.

Revision History

Revision Number	Revision Date	Description of Change
00	8/10/2018	Written