FILE NAME: Georgia Pacific (GP)

DATE: 0000

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DOCUMENT DESCRIPTION: Inspection Report - Process, Exhaust and Ventilating System Emissions

[illegible] MANAGEMENT PROGRAM

PROCESS, EXHAUST AND VENTILATING SYSTEM EMISSIONS

Official Use Only

Session Set No: 8 (Asbestos)	Firm Name: Georgia-Pacific Corp.	Report Date: March 26, 197

Include this completed form or equivalent with Environmental Analysis Report. See form AR 100.2, Guides for Preparation of Environmental Analysis Report.

Process, exhaust or ventilating system producing emission (describe)

The mineral, Asbestos, is used as an additive in the manufacturing of Joint Cement.

Overhead hood at mixing hopper, where 100 lb. bags of asbestos are dumped, is vented to outside dust collector.



Process weight or emission rate potential, whichever is applicable (show calculation and describe how determined)

Asbestos processed = 360 lbs./hr.

Emission rate potential estimate 1½% of asbestos handled.
(360 lbs./hr.) (0.015) = 5.4 lbs./hr.

Note: Annual usage of asbestos for 1972 was 2,500,000 lbs.

Gas cleaner or treatment device (scrubber, cyclone, bag filter, etc.). Describe and specify efficiency, overall and fractional, where applicable)

"Wheelabrator" Baghouse with mechanical shaking for cleaning of bags.

Efficiency of unit is estimated to be 99.5%.

Note: Above baghouse also serves to collect gypsum dust from Joint System process at mixer, packer, hoppers, etc.

4. Air contaminant emissions to outer air; list by contaminant name and indicate whether contaminant is (s) solid, (l) liquid, or (g) gas. Describe color and/or odor of visible and/or odorous contaminants.

Contaminant	Quantity (lb/hr)	Contaminant	Quantity (lb/hr)
Asbestos Dust (Light Gray, odorless)	0.027 (s)		

Describe method for determining emissions:

Estimate 5.4 lbs./hr. of asbestos dust to 99.5% efficient baghouse.

Emissions: (5.4 lbs./hr.) (0.005) = 0.027 lb./hr.

5. Air or gas flow rate

If cyclic, SCFM/cycle _____ ; hrs/cycle _____ ; cycles/yr

If continuous, SCFM 10,000 ; hrs/day 20 (Average) ; days/yr 340 (Average)

6. Physical characteristics of emission point

a. gas temperature at point of discharge: 72° F.

b. inside dimensions of outlet 20 in. x 18 in. or _____ in. diameter

c. height above ground 16 ft.

7. Fuel (complete if fuel used as a process constituent) - NOT USED

a. Coal (Type) Anthracite____ ; Bituminous____ ; lbs/hr.____ %Sulfur by Wgt.____

b. Oil (Grade) 2____ 4____ 5____ 6____ GPH_____ %Sulfur by Wgt._____

c. Gas (Type) MFD____ ; Nat._____ ; _____CFH; _____BTU/CF

8. Is this a new or existing source? Existing

9. If existing, has an environmental rating been certified for this emission source?

Yes

10. If yes, give "E" number assigned D