ALUMINUM COMPANY OF AMERICA ~~BHS~~ - EBP

Rockdale Works LABORATORY

REPORT TO	DATE	REPORT NO.
E. B. Parker	10-21-74	3872-E

SAMPLE OF Air — Sampled October 17, 1974

RECEIVED FROM — Analyzed October 18, 1974

COPIES TO ECR

DESCRIPTION Samples taken in Bldg. 44 during the sawing of 2" thick Marinite.

Sample No.	~~8 HR~~ TWA		Asbestos Fibers
1 BEN E. FLANAGAN 453-40-9104	.12	55 MIN.	1.0 fibers/cc
2 CLIFTON MAREK	.29	57 MIN	2.4
3 RAY PALM 460-16-3491	.17	44 MIN.	1.9
4 "	.16	22 "	3.4
5 BEN FLANAGAN	.06	21 "	1.3
6 CLIFTON MAREK	.19	19 "	4.9
7 RAY PALM	.18	20 "	4.4
8 BEN FLANAGAN	.32	20 "	7.6
9 BEN FLANAGAN	.11	16 "	3.3

In ~~1975~~ 1976 we'll be out of compliance

NOTES: The following statements are true for all samples:

1. All filter holders were worn on worker's lapels.
2. Exhaust system and air jet on the saw blade were in operation.
3. No dust was visible coming from saw.
4. The only dust visible came during the handling of the Marinite.

Sample No. 1 - During the sampling period the band saw was used to saw 4'x8' sheets of 2" thick Marinite into 8 pieces 6"x8'. A total of 4 sheets was sawed. This worker spent most of the sampling period pushing the Marinite into the saw.

Sample No. 2 - During the sampling period the operation was the same as Sample No. 1 except this worker was catching the pieces of Marinite as they came from the saw and stacking them on a pallet.

Sample No. 3 - During the sampling period the operation was the same as Sample No. 1 except this worker was guiding the Marinite from the side.

OCT 21 1974

PLAINTIFF'S EXHIBIT AL-73

ANALYZED BY CHR APPROVED BY A. G. C.

SF-1633 (REV 6-62)

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DESCRIPTION Samples taken in Bldg. 44 during the sawing of 2" thick Marinite.

Sample No. 4 - During the sampling period the 6"x8' pieces cut in Sample No. 1 were sawed into 5 pieces 6"x18-1/2". Approximately 90 pieces sawed during the sampling period. This worker spent approximately half of the sampling period pushing Marinite into saw and the other half guiding the Marinite from the side.

Sample No. 5 - During the sampling period the operation was the same as Sample No. 4. This worker spent approximately half the sampling period guiding the Marinite from the side and the other half pushing the Marinite into the saw.

Sample No. 6 - During the sampling period the operation was the same as Sample No. 4 except this worker was catching the pieces as they came from the saw and stacking them on a table behind the saw.

Sample No. 7 - During the sampling period the band saw was used to cut a 1/2" section from the broad face of the 6"x18-1/2"x2" pieces of Marinite sawed in Sample No. 4. This worker spent approximately 15 minutes pushing Marinite into saw and 5 minutes catching and stacking the pieces as they came from the saw. Approximately 60 pieces sawed.

Sample No. 8 - During the sampling period the operation was the same as Sample No. 7 except this worker spent approximately 15 minutes catching and stacking the pieces as they came from the saw and 5 minutes pushing Marinite into the saw.

Sample No. 9 - During the sampling period the 6"x18-1/2"x1-1/2" pieces produced in Sample No. 7 were passed through a small bench shaper. Approximately 42 pieces were finished. Exhaust suction on cutting tool was good.

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