

ALUMINUM COMPANY OF AMERICA

ROCKDALE WORKS

LABORATORY

REPORT TO EBP	DATE 3-5-74	REPORT NO 5589-E
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SAMPLE OF AIR

Sampled December 19, 1973
Analyzed February 28, 1974

RECEIVED FROM

COPIES TO ECR

DESCRIPTION Samples taken in northwest corner of Bldg 44

Sample No.	Asbestos Fibers	SPR TWA
1 J.T. TALLEY	77 MIN. .2 fibers/ml	.03
2 GLYNN ROLAN 450-46-8087	76 MIN. .2	.03
3 AREA	.3	

PLAINTIFF'S
EXHIBIT

AL-69

NOTES: Sample No. 1. Filter holder worn on worker's lapel. During the sampling period 25 pot covers from Petrobras had the asbestos insulation strips removed and were straightened using a hammer and hydraulic press. Dust visible during hammering process. Amount of dust varied from cover to cover. Dust appeared to be mixture of carbon, alumina, and bath materials which loosely adhered to pot cover surfaces. Overhead heater generally caused air to move from south to north. However when north door of Bldg 44 opened, a strong north wind caused air to move from north to south. Work area swept after completion of work.

Sample No. 2. Filter holder worn on worker's lapel. During the sampling period approximately 24 strips of asbestos cloth were folded and asbestos insulation strips stapled to 20 new pot covers. No dust visible from these operations. Dust from straightening operation tended to drift into this work area. Work area located north of straightening operation.

Sample No. 3. Filter holder suspended approximately 5 feet above floor and approximately midway between area where pot covers straightened and area asbestos insulation strips installed.

MAR 5 1974

ANALYZED BY

CHR

APPROVED BY

A. G. C.

ALUMINUM COMPANY OF AMERICA

ROCKDALE WORKS

LABORATORY

REPORT TO <i>EBP</i>	DATE <i>3-5-74</i>	REPORT NO. <i>3590-E</i>
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SAMPLE OF *AIR*

Sampled February 19, 1974
Analyzed February 28, 1974

RECEIVED FROM

COPIES TO *ECR*DESCRIPTION *Sampler taken in Bldg 47 during sawing of marinite.*

<u>Sample No.</u>	<u>Asbestos Fibers</u>	<u>8 HR TW AT</u>
1 AREA	.4 fibers/ml	
2 AREA	.2	
3 FRANK RAMERIZ 454-70-9550	91 MIN. .9	.17
4 FRANK RAMERIZ	59 MIN. .8	.10

NOTES: Sample No. 1. Filter holder suspended about 14 inches above surface of lunch table in Carpenter Shop. During the sampling period the band saw was used to cut a $\frac{1}{2}$ inch section from the broad face of marinite blocks $6" \times 18\frac{3}{4}" \times 2"$. The finished pieces of marinite are used for the production of spouts for the Progegi unit. Approximately 180 pieces of marinite cut during sampling period.

Sample No. 2. Filter holder suspended about 14 inches above surface of lunch table in Garage. Sampling period the same as Sample No. 1.

Sample No. 3. Filter holder worn on worker's lapel. Same operation as Samples No. 1 & No. 2. During the sampling period 103 pieces of marinite cut. Exhaust system for saw operating. No dust visible where blade contacts the marinite. As was designed air jet was installed below the saw table. Velocity of air from jet much higher than during previous tests. No dust visible under table. Some dust visible during physical handling of marinite. Dust visible outside Bldg 47 - coming from dust collector exhaust.

ARD 003739

Sample No. 4. Filter holder worn on worker's lapel. Same operation as Sample No. 3. During sampling period 77 pieces of marinite cut.

MAR 5 1974

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