

ALUMINUM COMPANY OF AMERICA

ROCKDALE WORKS

LABORATORY

|                  |                 |                      |
|------------------|-----------------|----------------------|
| REPORT TO<br>EBP | DATE<br>3-11-74 | REPORT NO.<br>3598-E |
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SAMPLE OF AIR

Sampled March 7, 1974

RECEIVED FROM

Analyzed March 8, 1974

COPIES TO ECR

DESCRIPTION Samples taken in Bldg 44 while using the Spencer vacuum cleaner to clean up the Mainite Room.

Sample No.

Asbestos Fibers

1

See Note

2

See Note

3

Area

18 Min

12.9 fibers/cc

NOTES: Sample No. 1. Due to the large number of fibers on the filter it was impossible to obtain an accurate count. Since the sampling period was only 16 minutes, the number of fibers per cubic centimeter would undoubtedly exceed the allowable limit. The filter holder was attached to the vacuum cleaner about 12 inches from the exhaust.

Sample No. 2. Due to the large number of fibers on the filter it was impossible to obtain an accurate count. Since the sampling period was only 18 minutes, the number of fibers per cubic centimeter would undoubtedly exceed the allowable limit. The filter holder was attached to the worker's lapel.

Sample No. 3. Filter holder was suspended about 5 feet above the floor in the doorway of the Mainite Room. The sampling period was 18 minutes.

A haze of dust was visible in the room from the time the vacuum cleaner was turned on until the tests were finished. The haze was still visible in the room 15 minutes after the vacuum cleaner was turned off.

MAR 11 1974

ANALYZED BY CHR

APPROVED BY

A. G. C.

3/21/74

Exhaust from vacuum cleaner  
vented into ~~exhaust~~ dust collector  
per SW T 3/21/74  
~~per SW T~~ Problem solved