Environmental Control Department
Research & Engineering Center
January 7, 1969

J. M. Fletcher - Advocate

J-M Industrial Hygiene Survey
Your letter November 21, 1968

We have reviewed the 1968 Annual Industrial Hygiene Survey and compared it with previous studies.

Survey comparisons indicated the following:

1965 - 10 of 24 dust stations above TLV.
1966 - 8 of 33 dust stations above TLV.
1967 - 12 of 32 dust stations above TLV.
1968 - 23 of 33 dust stations above TLV.

Our established methods for collecting and counting asbestos dust has remained the same. We are using the method prescribed by the United States Public Health Service. This coincides with the methods established by the Canadian government.

There are three possible areas of change that might contribute to the increased dust counts. First, we discarded the old microscope previously used and purchased a new instrument. Secondly, Mr. Sterland in an effort to complete the survey in less than the scheduled time may have reduced the sampling time. We do not have information available indicating the sampling periods. Third, conditions may have been such that resulted in high counts.

Mr. Sterland is no longer with us. The Canadian Area Industrial Hygiene Laboratory will be supervised by Ed Stevens, formerly with the Asbestos Plant.

We are enclosing copies of the present J-M Standard Impinger Sampling and Counting Techniques. Also enclosed, please find a draft copy of the proposed J-M Membrane Filter Method for Sampling and Counting Asbestos Fibre. We will begin using the latter method this year.

In order to achieve consistency in sampling and counting techniques between your engineer and our personnel, I suggest that your engineer visit the Manville Area Industrial Hygiene Laboratory for several days. During this period, we will provide him with training in both the impinger and membrane filter methods of sampling and counting. Also, Ed Stevens will be available to discuss all technical aspects of our work.

If having your man visit us is not convenient, another suggestion is for us to have Ed Stevens spend a few days at Advocate. This will not be as advantageous in that we will not have equipment to demonstrate the new membrane filter methods. However, Ed can review your current sampling and counting methods and equipment as compared to that being used by our people.

January 7, 1969

In the interim period, if there are any questions regarding methods and procedures, have your engineer contact us before.

Please advise us of your opinion regarding the visit. Also, please provide us with cumulative dates.

C. L. Sheckler

CLS/mm

Attach. (2)

cc: J. Kozakowski - Asbestos (w/attach.)
File
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