

FEDERAL SECURITY AGENCY  
U. S. PUBLIC HEALTH SERVICE

Washington 14  
(Bethesda Station)

In replying  
address the Surgeon General  
U. S. Public Health Service



February 23, 1949

Mr. William Z. Fluck  
Industrial Hygiene Division  
Wisconsin State Board of Health  
State Office Building  
1 West Wilson Street  
Madison 2, Wisconsin

Through: Dr. Carl W. Neupert  
State Health Officer

Dear Mr. Fluck:

The sample of settled dust which you submitted with  
your letter of January 18, 1949 has been analysed with the  
following results:

| <u>Lab. No.</u> | <u>Field Identification</u>          | <u>Free Silica</u> | <u>Asbestos</u> |
|-----------------|--------------------------------------|--------------------|-----------------|
| 12915           | Settled dust from<br>cutting of K-10 | 13 %               | (See note)*     |

\* There are a number of chemically different minerals which  
are included under the general classification of asbestos. To  
analyze for each of these would be a considerable task. In-  
stead a combined microscopic and chemical procedure has been  
used to approximate the asbestos content of the sample. There  
is more than 5% and probably less than 12% of asbestos in this  
sample. Chrysotile is by far the principal mineral in com-  
mercial grades of asbestos, but it was not significantly present  
in this sample.

Very truly yours,

D. H. Byers, Scientist  
Laboratory Section  
Division of Industrial Hygiene

DEB:jlm  
CC: PHS Regl. Of.  
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