

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 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. Instead 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 commercial 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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