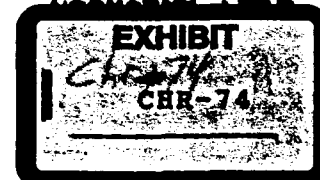


March 20, 196

F. E. Repucci Personnel Manager Chemical
D. L. Eschelbach Industrial Hygiene Personnel

Trenton
Highland Park

Governmental Industrial Hygiene Investigation



Attached is a communication regarding an asbestos dust investigation performed at the Trenton Chemical Division Plant by the State of Michigan Division of Occupational Health. Corrective action necessary to provide improved control of airborne asbestos is cited. Comments of the Industrial Hygiene Department regarding the two corrective measures included in the State communication are as follows:

1. Exhaust Ventilation System at P6. It is agreed that the ventilation system at the grinder should be placed in operable condition.
2. Exhaust Ventilation at the Disc Brake Lining Press. Compliance with the State of Michigan requirements should be provided by one of the following methods:
 - A. Install a hood larger than the chute opening at the location where the asbestos is transferred from the metal container to the press chute. A hood face velocity of 75 feet per minute would provide satisfactory control. This type of installation would exhaust more air than is removed at the present time without increasing the capture velocity.
 - B. Increase the quantity of exhaust at the present system. This method of control would reduce airborne asbestos dust, but would also remove more light fibers from the chute and may interfere with production.

We recommend that the mandatory wearing of dust respirators be continued until the required control measures are completed.

D. L. Eschelbach, Chief
Industrial Hygiene Department

hm
Attachment

cc: W. F. Ravinger
P. F. Ewers
N. A. Trombley



William G. Milliken
~~GOVERNOR~~ Governor
R. GERALD RICE, M.D., Director

STATE OF MICHIGAN
DEPARTMENT OF PUBLIC HEALTH
3300 N. LOGAN, LANSING, MICHIGAN 48914

Reply to: Wayne County Health Dept.
Merriman Road
Eloise, Michigan 48132

March 17, 1969

Chrysler Chemical Division
Chrysler Corporation
5437 West Jefferson
Trenton, Michigan 48183

Attention: Mr. Stanley C. Enders, General Manager

Gentlemen:

On February 13, 1969 we conducted a dust study of the various representative operations carried out in the manufacture of brake linings.

Air samples were collected in the breathing zone of the workers for dust content and compared to the limit of 5 million particles per cubic foot of air. All of our samples collected, except two, were below the maximum allowable concentration. Where the employee was dumping the asbestos mix from the can into the press for disk brake pads, the dust count was slightly above the limit. The other sample where the limit was exceeded, was on the brake lining grinder in bay B-6 where the ventilation to the machine was disconnected.

During our visit we discussed these two machines and found that corrective measures were going to be taken on the press and that the ventilation to the brake grinding machine would be reconnected. Until these changes are made, respirators should be worn to protect the workers from over-exposure to asbestos dust.

We plan to visit your plant within the near future to examine the control measures placed on the new mixers installed to prepare the brake lining material. If the controls are satisfactory, it should be a vast improvement over the batch type unit now in use.

Chrysler Chemical Division
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March 17, 1969

If you have any questions regarding this report before our next visit, please feel free to call on us.

Very truly yours,

DIVISION OF OCCUPATIONAL HEALTH



Marvin M. Schuman
Regional Chief

MMS:ams

cc: ✓ Mr. Don Eschelbach, Director, Industrial Hygiene Services,
Chrysler Corporation, P.O. Box 1919, Detroit, Michigan 48231

Mr. Elmer Lombard, Safety Administrator, Chrysler Chemical
Division, Chrysler Corporation, 5437 West Jefferson,
Trenton, Michigan 48183