FILE NAME: Chrysler (CHRY)

DATE: 1972 July 27

DOC#: CHRY108

DOCUMENT DESCRIPTION: Memo RE Asbestos - Study at Friction Materials Building Evaluating Employee Exposure in Various Spaces

Inter Company Correspondence

File Code

Date July 27, 1972

To — Name: S. C. Enders — Department: Mgr. Friction Products

From — Name: G. A. Sattelmeier — Department: Industrial Hygiene

Division: Chemical — Plant Office: Trenton Chemical — CIMS Number

Division: Personnel — Plant Office: Chrysler Center — CIMS Number

Subject: Asbestos

On July 11, 1972, a study was made at the Friction Materials Building to evaluate employee exposure to asbestos in the Finance Department, Lunch Room and Laboratories. Results of all these samples were below the allowable 5 fibers per milliliter threshold limit value for asbestos. Results appear on the attached data sheet.

Several of the tools used in the Product Development Laboratory need improved ventilation. The ventilation for the equipment in this laboratory and also for the Aampco brake shoe grinder in the garage discharge filtered air into the plant. This type of ventilation does not meet the requirements of the State Health Department. The exhaust air from this equipment must be filtered and discharged to the outside in such a manner as to prevent recirculation.

We recommend that the ventilation system for the belt sander, disc grinder, band saw, table saw, radial arm saw, and the Aampco brake shoe grinder be improved in accordance with the ventilation designs shown on the attachments. In addition, we recommend that an air-line respirator type NPSP-226 be provided whenever bond endurance tests are run in the dynamometer test room.

G. A. Sattelmeier
Industrial Hygienist

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Attachments

cc: W. F. Bavinger
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Data Sheet
Trenton Chemical

Asbestos
JULY 11, 1972

Location	Concentration in fibers/ml
Threshold Limit Value	5
Finance Department	
Office area - five feet from doorway to plant	0.7
Production employee's lunch room	0.8
Dynamometer test room, operating B side, running general endurance test on brakes	0.5

The above samples were collected on 0.80 micrometer cellulose ester filters using an MSA Personal Sampler.