Inter Company Correspondence

Date: August 13, 1984

To — Name & Department			CIMS Number
L. A. Roman, Plant Manager	Div. Products	Trenton Chem.	453-0
From — Name & Department			**CIMS Number**
A. C. Barbaglia, Industrial Hygiene	Indus.Relations	Chrysler Center	417-0

Subject: PERIODIC ASBESTOS SURVEY

EXHIBIT
CHR-63

Summary

An Industrial Hygiene survey of the Trenton Chemical Plant was conducted by the writer on July 16 and 17, 1984 to determine employee exposure levels to asbestos. Results from the monitoring indicated one employee with an exposure level at the 0.5 fibers/cc permissible exposure limit (PEL).

In order to lower this employee's exposure level to asbestos dust, the Industrial Hygiene Department recommends:

1) Use of approved respiratory protection (NPSP 220E).

2) Instruct employees on importance of good work practices to minimize exposure to asbestos dust.

Discussion

As required under the OSHA Asbestos Standard 1910.1001(f)(3)(ii) a survey of the Trenton Chemical Friction Products Building was completed on July 17, 1984.

Results of the monitoring indicated one employee performing the brake pad inspection portion of the OEM grinder operation and K-car disc brake pad grinder operator to be exposed to levels of asbestos dust at the 0.5 fiber/cc PEL.

The writer feels most of the employee's exposure occurred while performing the inspection job associated with the OEM grinder and may be due to work practices in the handling of the brake pads. The exhaust ventilation on the inspection table was measured and found to be approximately 500 fpm.

As a means of reducing employee exposure levels to asbestos the following action is recommended:

1) Required use of approved respiratory protection (NPSP 220E).

2) Instruct employees on importance of good work practices in minimizing exposure levels to asbestos dust.

In addition, the plant should also explore utilization of a vacuum to remove extraneous asbestos dust from the pad prior to the inspection station.

In accordance with provision of the asbestos standard, employees exposed to concentrations in excess of 0.1 fibers/cc are required to have an annual medical examination which is to include a chest x-ray and a pulmonary function test. Finally, employees shall be notified of their sampling results within 5 days of receipt of this report.

If you have any questions regarding this report, contact the writer.

A. C. Barbaglia
Industrial Hygienist

hm
Attachments

cc: N. Brooks
F. A. Burnett
D. S. Buza
G. Chomakos
D. R. Dolenga
R. Gryniewicz
R. J. Horoky
N. McCallum
R. D. McIntosh, M. D.
O. J. Robinson, M. D.
A. H. Sokolowski, M. D.
G. A. Sattelmeier
R. L. Stewart

Data Sheet
Trenton Chemical Plant
July 16 and 17, 1984

ASBESTOS

	Concentration (fibers/cc)
Permissible Exposure Limit (PEL)	0.5
[redacted] Friction Products - K-Car Pads #14 Press and #4 Bipel Operator	0.2
[redacted] Friction Products - K-Car Pads #13 Press and #4 Bipel Operator	< 0.1
[redacted] Friction Products - #3 and #4 Barker Press Operator	< 0.1
[redacted] Friction Products - #3 Extruder Operator	0.4
[redacted] Friction Products - #2 Saw Operator	0.3
[redacted] Friction Products - #2 Saw Unloader (Forms)	0.4
[redacted] Friction Products - #4 Saw Operator	0.1
[redacted] Friction Products - South OEM Grinder Set-up	0.3
[redacted] Friction Products - North and South Riveter Operator	< 0.1

Data Sheet
Trenton Chemical Plant
July 16 and 17, 1984

ASBESTOS

	Concentration (fibers/cc)
Permissible Exposure Limit (PEL)	0.5
[redacted] Friction Products - K-Car Brake Inspector	< 0.1
[redacted] Friction Products - Mixer Weigh Up Operator	0.4
[redacted] Friction Products - Brake Pad Drill Press Operator	< 0.1
[redacted] Friction Products - Janitor, Sweeper Operator	< 0.1
[redacted] Friction Products - South OEM Grinder Inspector, K-Car Grinder Operator	0.5
[redacted] Friction Products - South OEM Grinder Operator, K-Car Grinder Inspector	0.2
Area Sample - Friction Products Cafeteria	< 0.1

All samples were collected on cellulose ester filters using MSA Model G Pumps and analyzed by phase contrast microscopy.

CHRYSLER CORPORATION

August 20, 1984

Mr. Louis Heidmous
International Representative
Chrysler Department
International Union, UAW
8000 E. Jefferson Ave.,
Detroit, Michigan 48214

Dear Mr. Heidmous:

Enclosed is the report of findings of the Industrial Hygiene study conducted at the Trenton Chemical Plant on July 16 and 17, 1984 by A. C. Barbaglia.

Mr. G. Pickrell, the Union Member of the Local Joint Committee on Health and Safety, was informed of this study.

We recommended use of approved respiratory protection and reinstruction in good work practices for the one employee that was exposed to the Chrysler permissible exposure limit.

Sincerely,

G. A. Sattelmeier
Manager, Industrial Hygiene

hm
Attachment

cc: F. A. Burnett
G. Pickrell

P. O. BOX 1919, DETROIT, MICHIGAN 48288