



Inter Company Correspondence

Phone No.

Date

File Code

January 6, 1984

To—Name & Department

Division

Plant/Office

CIMS Number

S. C. Enders, Jr. Plant Manager

Stamping &
Div. OperationsTrenton
Chemical

453-02-01

From—Name & Department

Division

Plant/Office

CIMS Number

A. C. Barbaglia Industrial Hygiene

Industrial
RelationsChrysler
Center

417-05-11

Subject:

PERIODIC ASBESTOS SURVEY

EXHIBIT

CHR-59

Summary

An Industrial Hygiene survey of the Friction Products Building was conducted on November 4, 16 and December 1, 1983 for employee exposure to asbestos dust. Monitoring results indicated four employees with exposure levels equal to or greater than the current permissible exposure limit (PEL) of 0.5 fibers/cc. It is recommended that employees performing these jobs be required to wear respiratory protection (NPSP-220E). In addition, the plant should evaluate the exhaust ventilation on #3 Bipel weigh-up table and mixing platform (50 fpm) and investigate a vacuum system or a blow-off enclosure with exhaust ventilation for the OEM grinder and saw operation.

Discussion

An Industrial Hygiene survey of the Trenton Chemical Friction Products Building for asbestos dust was completed December 3, 1983. Results from the survey indicated that the #1 OEM saw operator, south OEM grinder, #3 Bipel operator and the quality control inspector all had exposure levels greater than or equal to the 0.5 fibers/cc permissible exposure limit.

As is required under the asbestos emergency temporary standard (ETS), employees who are assigned to work those job stations where exposure to asbestos dust greater than or equal to 0.5 fibers must wear a respirator. NPSP-220E is recommended. In addition, the plant should evaluate the exhaust ventilation controls and employee work practices to see if changes and/or improvements can be facilitated in order to meet the 0.5 fibers/cc standard. All other sample results indicated employee exposure levels to be below the 0.5 fibers/cc permissible exposure limit.

As is required for in 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. Furthermore, those employees sampled shall be notified of their sample results in writing

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within 5 days of receipt of this report. Finally, as required under the asbestos ETS all employees who are exposed to asbestos concentrations in excess of 0.5 fibers/cc are required to be trained in regards to health effects relating to asbestos exposure, proper use of respiratory protections and a review of the federal OSHA Asbestos Standard 1910.1001.

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



A. C. Barbaglia
Industrial Hygienist

hm
Attachments

cc: F. A. Burnett
D. S. Buza
D. R. Dolenga
R. Gryniewicz
R. J. Horoky
J. L. Mathis
N. McCallum
J. D. McCarthy
R. D. McIntosh, M.D.
D. E. Pentecost
A. H. Sokolowski, M.D.
G. A. Sattelmeier

Data Sheet
Trenton Chemical Plant
Nov. 4 and Nov.16,1983

Asbestos

Permissible Exposure Limit <u>November 4, 1983</u>	Concentration <u>(fibers/cc)</u>
	0.5
XXXXXXXXXXXXXXXXXXXX Friction Products Bldg. - Quality Control Inspector, Utilityman	0.6
XXXXXXXXXXXXXXXXXXXX Friction Products Bldg. - #5 and #6 Barker Bonder Operator	<0.1
XXXXXXXXXXXXXXXXXXXX Friction Products Bldg. - #3 and #4 Barker Bonder Operator	0.2
XXXXXXXXXXXXXXXXXXXX Friction Products Bldg. - #3 Bipel and #14 Press Operator	0.6
Repeat	0.6
Time-weighted average	0.6
XXXXXXXXXXXXXXXXXXXX Friction Products Bldg. - #2 Bipel and #13 Press Operator	0.3
Repeat	0.2
Time-weighted average	0.2
XXXXXXXXXXXXXXXXXXXX Friction Products Bldg. - South OEM Grinder	1.0
Repeat	1.7
Time-weighted average	1.4

Data Sheet
Trenton Chemical Plant
Nov. 4 and Nov.16,1983

Asbestos

	Concentration (fibers/cc)
Permissible Exposure Limit <u>November 4, 1983</u>	<u>0.5</u>
Friction Products Bldg. - North Friction Products Bldg. - North Riveter Operator	0.2
Friction Products Bldg. - K Car Friction Products Bldg. - K Car Disc Pad Grinder Operator	0.2
Friction Products Bldg. - K Car Friction Products Bldg. - K Car Disc Pad Inspector	0.1
Friction Products - Truck Driver Friction Products - Truck Driver	<0.1
<u>November 16, 1983</u>	
Friction Products Bldg. - OEM Saw Friction Products Bldg. - OEM Saw Operator - Bay B-4	0.3
Friction Products Bldg. - Mixer Friction Products Bldg. - Mixer Weigh Up Operator - Bays C-3, F-3	0.2
Area Sample - Friction Products Bldg. - Cafeteria	<0.1

All Samples were collected on cellulose ester filters
using MSA Model G Pumps and analyzed by Phase Contrast
Microscopy.

Data Sheet
Trenton Chemical Plant
December 1, 1983

Asbestos

	<u>Concentration fibers/cc</u>
<u>Permissible Exposure Limit December 1, 1983</u>	0.5
Friction Products Building; [REDACTED] #1 OEM Saw, Bay C-4	0.5
Friction Products Building; [REDACTED] Sweeper Operator	<0.1
Friction Products Building; [REDACTED] #3 Extruder, Bay C-3	0.2

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

January 13, 1984

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

Dear Mr. Heidmous:

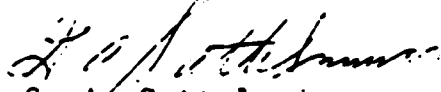
Enclosed is the report of findings of the Industrial Hygiene study conducted at the Trenton Chemical Plant on November 4, 16 and December 1, 1983 by A. C. Barbaglia.

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

Respiratory protection was recommended for employees exposed above 0.5 fibers cc.

In addition, it was recommended that the plant evaluate (the exhaust ventilation on #3 Bipel weigh-up table and mixing platform (50 fpm) and investigate a vacuum system or a blow-off enclosure with exhaust ventilation for the OEM grinder and saw operation).

Sincerely,



G. A. Sattelmeier
Manager, Industrial Hygiene

hm
Attachments

cc: F. A. Burnett
G. Pickrell