Inter Company Correspondence

Telephone | Date: March 21, 1985

To — Name & Department			CMS Number
L. A. Roman, Plant Manager	Diversified Operations	Trenton Chem.	453-0
From — Name & Department			**CMS Number**
A. C. Barbaglia, Industrial Hygiene	Ind.Relations	CC	417-0

Subject: Periodic Asbestos Survey

EXHIBIT CBR-66

Summary

A periodic survey of the Friction Products building to determine airborne asbestos exposure levels was conducted on March 6 and 7, 1985.

Results of the monitoring indicated one employee had an exposure level above the 0.5 fiber/cc permissible exposure limit (PEL). In order to lower employee exposure levels to asbestos dust, the writer recommends:

1. Required use of respiratory protection, NPSP 220E or equivalent.

2. Reinstruct employees on proper handling of asbestos containing products to avoid creating asbestos dust.

All other sample results indicated that employee exposure levels were below the PEL of 0.5 fiber/cc for asbestos dust.

As required under the OSHA asbestos standard 29 CFR 1910.1001(i)(3) and (j)(3), employees must be notified of their sampling results within 5 days of receiving this report. For employees exposed to concentrations of asbestos dust above 0.1 fibers/cc, annual medical examinations including a chest x-ray and pulmonary function test are required.

If you have questions pertaining to this report, contact the writer.

A. C. Barbaglia
Industrial Hygienist

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Attachment

Note: In accordance with the suggestion of Mr. Sperlich and Mr. Greenwald we are submitting only an executive summary for distribution. If you need backup information, please notify this office.

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Discussion

The periodic asbestos survey of the Trenton Chemical Friction Products Building indicated one employee is exposed to concentrations of asbestos dust above the permissible exposure limit (PEL) of 0.5 fibers/cc.

The employees' exposure to asbestos dust arises from:

1) Loading the Bipel for the asbestos backplate pad, and/or,

2) Handling or loading of the asbestos backplate pad on the K-Car brake pad presses.

In order to reduce the elevated employee exposure level the writer recommends that the plant require the use of respiratory protection (NPSP 220E or equivalent) on this job and reinstruction of employees on proper handling of products containing asbestos to avoid creating dust.

The writer feels implementation of these recommendations will bring the plant into compliance with the 0.5 fiber/cc permissible exposure limit.

All other monitoring results indicated that employee exposure levels were below the PEL of 0.5 fibers/cc for asbestos dust.

Data Sheet
Trenton Chemical Plant
March 6 and 7, 1985

Asbestos

	Concentration (fibers/cc
Permissible Exposure Limit	0.5
March 6, 1985	
[redacted] Friction Products - floor inspector	< 0.1
[redacted] Friction Products - K-Car preformer and Press #13 operator, wearing respirator	0.4
[redacted] Friction Products - K-Car preformer and Press #14 operator, wearing respirator	0.7
[redacted] Friction Products - K-Car Barker Bonder operator	< 0.1
[redacted] Friction Products - Gardner Grinder operator	< 0.1
[redacted] Friction Products - South Rivet Machine operator	< 0.1
[redacted] Friction Products - Dynamometer room, Chase Machine operator	< 0.1
March 7, 1985	
[redacted] Friction Products - K-Car brake grinder inspector, south Rivet Machine operator	< 0.1
[redacted] Friction Products - K-Car grinder operator, Gardner Grinder operator	< 0.1
[redacted] Friction Products - north OEM Grinder operator	< 0.1
[redacted] Friction Products - north Rivet Machine operator	< 0.1

Data Sheet
Trenton Chemical Plant
March 6 and 7, 1985

Asbestos

	Concentration (fibers/cc
Permissible Exposure Limit	0.5
March 7, 1985	
[redacted]	
Friction Products - secondary mixer/weigh up operator	< 0.1
[redacted]	
Friction Products - back plate adhesive application	< 0.1
[redacted]	
Friction Products - OEM press operator	< 0.1
Area Sample	
Friction Products cafeteria	< 0.1

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