Inter Company Correspondence

File C. | Date: August 25, 1981

To—Name & Department	Division	Plant/Office	CIMS Number
S. C. Enders, Jr. Plant Manager	Procurement & Supply Group	Trenton Chemical	453-02-
From—Name & Department	Division	Plant/Office	CIMS Number
A. C. Barbaglia Industrial Hygiene	Personnel & Admin. Office	Chrysler Center	417-05-

EXHIBIT
CHR-55

Subject: ASBESTOS AND K-CAR DISC BRAKE SURVEY

An asbestos survey was conducted at the Trenton Chemical Plant on August 4 and 5, 1981 by the writer and D. Wilson. Concurrently, the K-Car disc brake grinding operation was evaluated for asbestos in response to a Union grievance. Employee air monitoring data indicated no exposure levels in excess of the Permissible Exposure Limit (PEL) of 2.0 fibers/cc.

Evaluation of the K-Car disc brake grinding operation consisted of air monitoring and formulation review. Results of the air sampling indicated no exposures to asbestos in excess of the PEL of 2.0 fibers/cc.

In review of the formulation, several component resins were found to be known irritants to the upper respiratory tract in the uncured state. According to the plant these resins are completely cured by the time the brakes reach the grinder. Exhaust ventilation on the grinder was 400-600 fpm, ventilation at the down draft inspection table was 200 fpm. These ventilation rates are more than adequate to prevent any fugitive dust escapement. To keep any dust exposures to a minimum at the inspection station all work should be performed over the ventilated work table. If the employee wishes, a 3M 8710 dust respirator should be made available.

In accordance with the memorandum of R. D. McIntosh, M.D. and G. A. Sattelmeier (Inter-Company Correspondence of 7/3/78) all employees exposed at a level above 0.1 fibers/cc asbestos are required to have annual medical examinations.

A. C. Barbaglia
Industrial Hygienist

lm
Attachments
cc: [illegible] F. Andre
F. A. [illegible]tt
R. J. [illegible]
N. McCallum
R. D. Mc[illegible]n, M.D.
D. [illegible] Re[illegible]a, M.D.
[illegible]. A. Sattelmeier

Data Sheet
Trenton Chemical Plant
August 4 and 5, 1981

Asbestos

	Exposure (Fibers/cc)
Permissible Exposure Limit (PEL)	2.0
[redacted]	< 0.1
K-Car disc brake inspector	0.3
Time-weighted average	< 0.2
[redacted]	
K-Car disc brake grinder operator	0.2
[redacted]	
K-Car disc brake grinder operator	< 0.1
[redacted]	
Prooftester #3	0.8
[redacted]	
Overhead oven #43	< 0.1
[redacted]	
Overhead oven #42	< 0.1
[redacted]	
L-Car grinder operator	0.1
[redacted]	
L-Car chop saw	< 0.1
[redacted]	
L-Car prooftester	0.2
[redacted]	
Truck Driver	< 0.1
[redacted]	
Hook plates and Bipal #4	1.7
[redacted]	
Flat plates and Bipal #2	1.7
[redacted]	
Barker press operator	0.2

Data Sheet
Trenton Chemical Plant
August 4 and 5, 1981

Asbestos

	Exposure (Fibers/cc)
Permissible Exposure Limit (PEL)	2.0
Lunch Room area sample	< 0.1
[redacted] K-Car disc brake	0.3
[redacted] L & K car linings-roll machine operator	< 0.1
[redacted] Mixer-weigh up	1.0
[redacted] Besly grinder operator and inspector	0.2
[redacted] Besly grinder operator and inspector	0.3
[redacted] Tenant sweeper	< 0.1
Accounting/Plant Engineering area sample	< 0.1
[redacted] Sherwood oven unloader	0.1
[redacted] Segment coater	< 0.1
Computer room area sample	< 0.1

All samples were collected on cellulose ester filters using MSA Model G pumps [illegible] lyzed by microscopy.

CHRYSLER CORPORATION

September 2, 1981

Mr. Richard Ruppert
International Representative
Chrysler Department
International Union, UAW
8000 E. Jefferson Avenue
Detroit, Michigan 48214

Dear Mr. Ruppert:

Enclosed is the report of findings of the Industrial Hygiene study conducted at the Trenton Chemical Plant on August 4 and 5, 1981 by A. C. Barbaglia.

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

Sincerely,

G. A. Sattelmeier
Manager, Industrial Hygiene

hm
Attachment

cc: F. A. Burnett
G. Pickrell