FILE NAME: Chrysler (CHR)

DATE: 1975 June 19

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DOCUMENT DESCRIPTION: Inspection Report - Air Contaminant Data Sheet with Cover Letter from Michigan Dept of Health

MICHIGAN DEPARTMENT OF PUBLIC HEALTH
LANSING, MICHIGAN 48914

Reply to: 1547 Middlebelt
Inkster, Mi 48141

June 19, 1975

Chrysler Corporation
Chemicals Division
5437 West Jefferson
Trenton, Mi 48183

Attention: Elmer R. Lombard, Safety Administrator

Gentlemen:

On February 21, 1975, this division conducted a general occupational health survey of the chemical and friction products plant. Consequently, we returned on March 18, and May 19, 1975 to conduct air contaminant studies. The survey and studies were conducted in your presence. We were accompanied variously by Chrysler coporate industrial hygienists D. Glazier, L. Genkarmolik and L. Redmond, and also by union representatives R. Clayton and G. Pickrell.

During our studies, air was sampled in the breathing zones of several employees for various air contaminants:

- asbestos and zinc oxide in the friction products plant and,
- vinyl chloride and solvent vapors in the chemical plant.

Locations and results are reported on the attached data sheets. The studies show that the air contaminant levels were within the existing State standards.

In most instances satisfactory control measures were provided. However, in some areas improvement is recommended. Emphasis should be placed on elimination of dry sweeping of asbestos containing debris in the friction products department. Vacuum cleaning or wet cleaning are recommended.

During clean up of the spill of zinc oxide, air concentrations were high. However, on a time weighted average the standard was not exceeded. We observed that respirators were worn during clean-up operations. Respirator use should be made mandatory on this or similar clean-up operations.

Should you have any questions regarding these studies, feel free to contact us at the Inkster office.

Very truly yours,

BUREAU OF INDUSTRIAL HEALTH

Conrad Fedoronko, Industrial Hygienist
Division of Occupational Health

CF/emr
enclosures

cc: Chrysler Corp.
Industrial Hygiene Services

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## Air Contaminant Data Sheet

Chrysler Corp. - Chemicals Div.

5437 W. Jefferson

Trenton, MI 48133

Study of May 13, 1975 Engineer: C. Fedoronko & P. Schubert

Results Expressed In number of Asbestos Fibers greater than 5 microns in length per cubic centimeter of air (fibers/cc)

| Sample Identification and Description | Results | MAC* | Above MA |
|---|---|---|---|
| Breathing zone of Ernest Castrina, #4 lodige operator (relief) | 2.00 | 5 | .0 |
| Breathing zone of Joseph Matty, Tennant sweeper operator (AM) | 0.30 | 5 | .0 |
| Breathing zone of Joseph Matty, Tennant sweeper operator (PM) | 0.20 | 5 | .0 |
| Breathing zone of Arthur Peoples, #4 lodige operator (afternoon shift) | 0.31 | 5 | .0 |
| Breathing zone of Arthur Peoples, #4 lodige operator (while unloading bins) | 0.00 | 5 | |

Instrument used - MSA pump with asbestos filter

*Maximum Allowable Concentration

Air Contaminant Data Sheet

Chrysler Corp. - Chemicals Div.

5437 W. Jefferson

Trenton, MI 48183

Study of March 10, 1975

Engineer: E. Ferruzzi, C. Fedoronko, & P. Schubert

Results Expressed In number of asbestos fibers greater than 5 microns in length per cubic centimeter of air (fibers/cc)

| Sample Identification and Description | Results | MAC* | Above MAC |
|---|---|---|---|
| Breathing zone of Carl Wilson, Sr. operator | 0.13 | 2 | no |
| Breathing zone of Billy Roberts, asst press operator | 0.10 | 2 | no |
| Breathing zone of Andrew Harris, #6 pipel press operator | 0.22 | 2 | no |
| Breathing zone of Archie Cook, inspector #3 grinder | 0.21 | 2 | no |
| Breathing zone of Floyd Dickens, #4 | 0.05 | 2 | no |

Instrument used - MSA pump with Asbestos Filter

*Maximum Allowable Concentration