Inter Company Correspondence

File Code

Date: December 21, 1971

To — Name	Department	Division	Plant/Office	CIMS Number
Engelbrecht	Plant Manager	Basic Mfg.	Eldon Avenue Axle	
From — Name	**Department**	**Division**	**Plant/Office**	**CIMS Number**
L. Redmond	Industrial Hygiene	Personnel	Highland Park	

Subject: Asbestos Fibers - Department 78

PLAINTIFF'S EXHIBIT CHR-93

An emergency standard for exposure to asbestos dust was promulgated by the Occupational Safety and Health Administration on December 7, 1971. This necessitated the resurvey of brake shoe grinding operations in Department 78. The results obtained during the special survey conducted on December 15, 1971, are listed on the attached data sheet.

Discussion

Results obtained during a periodic industrial hygiene survey performed in January, 1971, indicated that asbestos dust concentrations created by the brake shoe grinding operations were below the limit established by United States Labor Department and the City of Detroit Bureau of Occupational Health. The threshold limit value at that time was 5.0 million particles per cubic foot of air (mppcf) as determined by light field count.

The newly established limit for asbestos dust is 5.0 fibers greater than 5 microns in length per milliliter of air as determined by phase contrast microscopy. The results obtained during the December 15, 1971, survey indicated that dust concentrations at the grinding operations ranged from less than 0.1 to 0.2 fibers per milliliter of air. Thus, these results indicated that the grinding operations have been provided adequate exhaust ventilation control.

Louis Redmond

Louis Redmond
Industrial Hygienist

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Attachment

cc: W. F. Bavinger
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PLAINTIFF'S EXHIBIT NO. CH-3

Data Sheet
Eldon Avenue Axle Plant

Asbestos Dust Concentrations

Location	Fibers per Milliliter of Air
Threshold limit value	5.0
Excello Grinder 55-143. B. Jaroneski-3524	0.8
Repeat of above sample. B. Jaroneski-3524	1.1
Excello Grinder 55-0[illegible]. T. Wyrybkowski-6842	0.8
Repeat of above sample. T. Wyrybkowski-6842	1.6
Excello Grinder 55-0133. B. Jaroneski-3524	0.8
Repeat of above sample. B. Jaroneski-3524	0.5
Excello Grinder 55-0135. T. Wyrybkowski-6842	0.1
Repeat of above sample. T. Wyrybkowski-6842	0.3
No. 1 Belt Sander. S. Bogel-8495	1.6
Repeat of above sample. S. Bogel-8495	2.1

The above samples were obtained with membrane filters and a Unico Pump. Model 30.