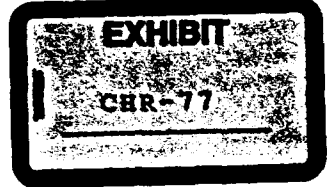




INTER COMPANY CORRESPONDENCE

TO: NAME	DEPT Manager, Friction	DIVISION	FILE	DATE
S. C. Enders	Materials Development	Chemical	CODE	October 16,
FROM: NAME	OFF	DIVISION	PLANT OFFICE	Trenton Chemical
L. Redmond	Industrial Hygiene	Personnel	PLANT OFFICE	Highland Park

SUBJECT: Noise Levels, Airborne Asbestos Dust and Exhaust Ventilation -
Department 4400



As requested by Mr. E. R. Lombard, a noise survey was performed at specific locations in the subject plant by the writer on September 24, 1969. Also, for the purpose of establishing data in the disc brake operations, air samples were collected to determine quantities of airborne asbestos dust and exhaust ventilation systems were tested on September 24 and October 8, 1969. The results obtained are listed on the attached data sheets.

Discussion

Asbestos dust concentrations were found to be at satisfactory levels. The samples obtained at the Besly Grinder contained an average of 4.0 million particles per cubic foot of air (mppcf) which is below the established threshold limit value of 5.0 mppcf.

The readings obtained with an Alnor Velometer indicate good exhaust ventilation control of operations surveyed.

Louis Redmond

Louis Redmond
Industrial Hygienist

hm
Attachments

cc: W. F. Bavinger
R. F. Bowers
M. F. Bruton, M.D.
W. T. Diehl
D. L. Eschelbach
W. L. Knapp, M.D.
T. J. Lang
E. R. Lombard
F. E. Repucci
N. A. Trombley

Data Sheet
Trenton Chemical Plant
Friction Materials Operation

Asbestos Dust Concentrations

<u>Location</u>	<u>Results in Millions of Particles per Cubic Foot of Air</u>
Threshold limit value	5.0
Department 4400: September 24, 1969;	
Bay E-7, at Comins Saw #103066	less than 1
Bay F-4, at east Bipel Machine, weighing and loading material	2.0
Repeat of above	less than 1
Bay F-4, at west Bipel Machine, weighing and loading material	less than 1
Bay F-7, loading Besly Grinder	6.0
October 8, 1969;	
Bay F-4, at west Bipel Machine, weighing and loading material	1.2
Repeat of above	1.2
Bay F-7, loading Besly Grinder	4.1
Repeat of above	2.1
Bay F-7, inspection operation east of Besly Grinder	2.0

The above samples were obtained with Mine Safety Appliances Company
Midget Impingers and a Monetaire Pump.

Data Sheet
Trenton Chemical Plant
Friction Materials Operation

Exhaust Ventilation

<u>Location</u>	<u>Results in Feet per Minute</u>
September 24, 1969;	
Bay E-7, Comins Saw #103066, circular saw with good enclosure	200
Bay F-7, Besly Grinder, good enclosure	600-800
Bay F-4, west Bipel Machine	175
Bay F-4, east Bipel Machine	175
October 8, 1969;	
Inspection table west of Besly Grinder, four openings, down draft exhaust	400-500

The above readings were obtained with an Alnor Velometer, Type 3002.