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OCCUPATIONAL HEALTH BRANCH

AIR QUALITY ASSESSMENT REPORT

Date: July 28, 1978

From: R. Sinson

Plant: Crane Packing Company Limited

Address: 423 Green Road
Stoney Creek, Ontario

Contacts: Mr. R.A. Mellikow - Plant Superintendent

Hazard: Lead and Asbestos

Requested by: Mr. J. Toth - O.H.B.

Date of Request: March 7, 1978

Accompanied by: Mr. F. Magee - I.S.O.
Mr. D. Murray - O.H.B.

Date of Visit: April 10, 1978

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Mr. K. Elguindi
Mr. S. Morton (2)
Mr. R. Mellikow
Mr. J. Toth

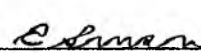
Abstract: Personal and area samples were taken in the above plant and the attached tables list their locations and results.

The air samples for lead and asbestos were collected on millipore filters, 0.8 micron pore size and using Bendix pumps at an air flow rate of 2.0 liters per minute.

Observations

It was observed that blue asbestos was being used by the company at the time of sampling.

RS/ep


R. Sinson

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LEAD

Name and Job Description

Sampling Time and Volume	
Minutes	Liters

Sample	
Content	mg/m³
Micrograms	of Air

1.	(S.21)	cutting gasket machine operator	159	318	<1.0	<0.01
2.	(S.21)	No. 5 Punch press operator	157	314	1.2	<0.01
3.	(S.21)	No. 3 Punch press operator	154	308	<1.0	<0.01
4.	(S.21)	No. 4 Punch press operator	280	560	<1.0	<0.01
5.	(S.21)	Braiding Machine operator	150	300	1.2	<0.01

Location

6.	Background, lead mixing machine	144	288	<1.0	<0.01
7.	Background, punch press machines, central	144	288	1.8	0.01

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<u>Personal Sampling</u>		<u>Sampling Time and Volume</u>		<u>Asbestos Fibers</u>
<u>No.</u>	<u>Name and Job Description</u>	<u>Minutes</u>	<u>Liters</u>	<u>greater than 5 micrometers in length per cc of air</u>
1.	(S.21) cutting gasket machine operator	90	180	0.5
2.	(S.21) Braiding machine operator	90	180	0.3
3.	(S.21) Lathe machine operator	90	180	0.4
4.	(S.21) Machinist and Teflon envelope table operator	90	180	0.4