

Inter Company Correspondence

File Code

Date

January 31, 1979

To-Name & Department

Division

Plant/Office

CIMS Number

S. C. Enders

Plant Manager

Diversified
Products

Trenton
Chemical

453-02-00

From-Name & Department

Division

Plant/Office

CIMS Number

H. F. Rettorf

Industrial Hygiene

Employee &
Indus. Relat.

Chrysler
Center

417-05-19

Subject:

ASBESTOS AND LEAD SURVEY

EXHIBIT

CHR-50

Summary: Asbestos sample results were all within the OSHA Permissible Exposure Limits. Airborne lead results were found to be in excess of the new standard at the two proof test operator stations and at two heat press stations. Improved work practices, administrative controls, and downdraft ventilation of the parts bins of the proof testers should be implemented.

Discussion: During December 1978, the writer conducted a semi-annual asbestos survey at the Trenton Chemical Plant. Also an initial lead survey was performed for the purpose of determining if any problems existed in that area.

Air samples indicate no problems with the asbestos levels at this time. Good maintenance was observed throughout the plant as well as proper respirator usage. It should be pointed out, however, that the two highest asbestos levels came from the proof test operators. Upon checking it was found that these two individuals have continually had higher than plant average exposures. The equipment was checked, as well as, the ventilation and all was functioning properly. The problem appears to be one of work practices and should be addressed, if not in view of the asbestos exposure, then in view of the lead exposures. It should be noted that these individuals wore no respirators.

S. C. Enders
January 31, 1979
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Re: Asbestos and Lead Survey

Helen F. Rettorf
Industrial Hygienist

hm
Attachments

cc: L. F. Andre
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W. M. O'Brien
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Data Sheet
Trenton Chemical

Asbestos
December 1978

<u>Location</u>	<u>Concentration</u> (fibers greater than 5 microns in length per cubic centimeter of air)
OSHA Permissible Exposure Limit	2.0
1. Personal air sample, Bipel #2	0.07
2. Personal air sample, Heat press #11 and 12 operator	0.15
3. Personal air sample, Bipel #5	0.05
4. Personal air sample, Heat press #22 and 23 operator	0.08
5. Personal air sample, Bipel #6 and heat presses #23, 24, and 25 operator	0.23
6. Personal air sample, Four pack operator	0.06
7. Personal air sample, Barker-Bonder press operator	0.12
8. Personal air sample, Heat presses #16, 17, and 21 operator	0.12
9. Personal air sample, Bipel #5 operator	0.11
10. Personal air sample, overhead oven operator	< 0.01
11. Personal air sample, Barker-Bonder press operator	0.12
12. Personal air sample, grinder	0.09
13. Personal air sample, overhead oven operator	0.14
14. Personal air sample, grinder	0.07
15. Personal air sample, mixer operator mix #404	0.27
16. Personal air sample, extruder operator	0.32
17. Personal air sample, grinder	0.55
18. Personal air sample, inspector	0.14

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Data Sheet
Trenton Chemical

Asbestos

<u>Location</u>	<u>Concentration</u> (fibers greater than 5 microns in length per cubic centimeter of air)
OSHA Permissible Exposure Limit	2.0
19. Personal air sample, Rivet machine operator	0.58
20. Personal air sample, Drill press operator	0.11
21. Personal air sample, OEM grinder operator	< 0.01
22. Personal air sample, OEM inspector	< 0.01
23. Personal air sample, fork-lift driver un- loading train car of asbestos	0.07
24. Personal air sample, Proof-tester operator	1.4
25. Personal air sample, Proof-tester inspector #2	0.03
26. Personal air sample, #2 proof-tester operator	1.08
27. Personal air sample, mixer operator day blender	0.21
28. Personal air sample, conveyor loader saw room	0.03
29. Personal air sample, saw operator	< 0.01
30. Personal air sample press operator saw room	< 0.01
31. Area sample Bay E-6 behind Bipels	0.05
32. Personal air sample, tennant sweeper	0.04
33. Area sample, lunchroom friction products building	< 0.02
34. Area sample, Accounting and Payroll Department	< 0.02