

CertainTeed	Date November 21, 1979	To John McGinley	Location and mail code VF-P&PG, 2B
Subject AIR SAMPLE SURVEY - ST. LOUIS PLANT		From John McGinley	Location and mail code VF Corp. #4

cc: O. H. Kittilstad

PLAINTIFF'S EXHIBIT

CT-499

Attached you will find an Industrial Hygiene Sample Log which lists and describes all air samples which were taken October 22-24, 1979.

This is the second Industrial Hygiene Survey since the plant shut down on May 11, 1979. There was a total of 11 employees (7 hourly and 4 salaried) still working at the plant. They are listed as follows:

HOURLY

R. Metz
 V. Wolff
 G. Kelley (on vacation at time of survey)
 V. Denen
 E. Berkemeier
 W. Harper
 L. Moran

SALARY

A. Wiëse
 M. McCauley
 J. Harris
 W. Tucker

At the time of this survey the asbestos dump site between CertainTeed and G.A.F. was being graded and earth covered. Two area samples (Entry No. 018 and 019), taken on October 24, 1979, were specifically taken near the dump site to determine the airborne concentrations from the grading operations. These samples were in parallel to personal samples taken by Industrial Testing Lab of St. Louis, Missouri.

All samples taken and analyzed, fell well within the OSHA Standard of 2.0 fibers/cubic centimeter of air, with a range of 0.0020 to 0.1510 f/cc.

Attachments

INDUSTRIAL HYGIENE SAMPLE LOG

Plant: St. Louis A/C Pipe Plant DATE: 10/22-10/24/79

ENTRY NUMBER	DATE	TIME	DEPARTMENT	EMPLOYEE AREA	JOB TITLE LOCATIONS	CONDITIONS	ANALYSIS FOR	RESULTS
001	10/22/79	9:26 a.m.- 4:00 p.m.	FINISHING	AREA	# 2 Finishing Lathe	Sitting on #2 Lathe	FIBERS	0.0089 f/cc
002	10/22/79	9:30 a.m.- 4:00 p.m.	MANUFACTURING	AREA	Shot Blaster	Sitting on dismantled willow mill located at shot blaster	FIBERS	0.0027 f/cc
003	10/22/79	9:35 a.m.- 3:10 p.m.	MANUFACTURING	AREA	Autoclave Area	Outside near Boiler House	FIBERS	0.0029 f/cc
004	10/22/79	9:40 a.m.- 1:15 p.m.	MANUFACTURING	AREA	Scales	Sitting on Fiber Scale	FIBERS	Void Sample
005	10/22/79	9:45 a.m.- 4:00 p.m.	OFFICE	AREA	Plant Office	On file cabinet in center of office.	FIBERS	0.0035 f/cc
006	10/22/79	9:55 a.m.- 1:15 p.m.	PLANT 3	AREA	Warehouse	Old Fiber Warehouse	FIBERS	0.0020 f/cc
007	10/23/79	9:15 a.m.- 4:05 p.m.	SHIPPING	D. METZ	Loader	Loading Trucks	FIBERS	0.0611 f/cc
008	10/23/79	9:15 p.m.- 4:05 p.m.	SHIPPING	V. DENEN	Inspector	"	FIBERS	0.0601 f/cc
009	10/23/79	9:23 a.m.- 1:00 p.m.	SHIPPING	V. WOLFF	Loader	"	FIBERS	0.1510 f/cc
010	10/23/79	1:00 p.m.- 4:00 p.m.	SHIPPING	V. WOLFF	Labor	Cleaning in Plant 3	FIBERS	0.0198 f/cc
011	10/23/79	9:27 a.m.- 4:05 p.m.	SHIPPING	W. HARPER	Fork Truck Driver	"	FIBERS	0.0129 f/cc
012	10/23/79	9:30 a.m.- 12:55 p.m.	SHIPPING	E. BERKEMIER	Labor	Loading Couplings	FIBERS	0.0502 f/cc

SAMPLING INFORMATION

WEATHER CONDITIONS-

Monday, 10/22 - Rain during most of the day with temperatures ranging 55° - 60°.

Tuesday, 10/23 - Partly cloudy 45°-55° temperatures.

Wednesday, 10/24 - Sunny with temperatures in mid 50°'s - 60°'s.

Shipments - Averaging 3 a day.

Samples taken and analyzed following the NIOSH Recommended procedures for "Sampling and Evaluating Airborne Asbestos Dust".

Asbestos regulations as set by OSHA requires that an employee's exposure to asbestos shall not exceed 2.0 fibers, longer than 5 micrometers, per cubic centimeter of air in an 8-hour time weighted average (TWA).

INDUSTRIAL HYGIENE SAMPLE LOG

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ENTRY NUMBER	DATE	TIME	DEPARTMENT	EMPLOYEE AREA	JOB TITLE LOCATIONS	CONDITIONS	ANALYSIS FOR	RESULTS
013	10/23/79	12:55 a.m. - 4:00 p.m.	SHIPPING	E. Berkemier	Labor	Loading Couplings	FIBERS	0.1345 f/cc
014	10/23/79	9:30 a.m. - 4:05 p.m.	MAINTENANCE	L. Moran	Mechanic	Repairing Trucks	FIBERS	Void Sample ②
015	10/24/79	9:32 a.m. - 4:00 p.m.	MANUFACTURING	AREA	Mixers	2nd Floor on #3 Mixer	FIBERS	0.0136 f/cc
016	10/24/79	8:55 a.m. - 4:35 p.m.	FINISHING	AREA	Crusher	Setting on Crusher	FIBERS	< 0.0080 f/cc
017	10/24/79	9:05 a.m. - 4:00 p.m.	MANUFACTURING	AREA	Wetting Screw	Setting on Feed Chute to Wetting Screw	FIBERS	< 0.0087 f/cc
018	10/24/79	9:07 a.m. - 4:00 p.m.	WAREHOUSE	AREA	Fiber Warehouse	Grading on pile this sample period.	FIBERS	< 0.0087 f/cc
019	10/24/79	9:30 a.m. - 4:00 p.m.	WAREHOUSE	AREA	Fiber Warehouse	"	FIBERS	< 0.0107 f/cc
020	10/24/79	9:20 a.m. - 4:00 p.m.	PLANT 3	AREA	Coupling Saw	Setting on Coupling Saw Table.	FIBERS	Void Sample
				NOTE:				
				① Void Sample - pump problems. ② Heavy Particulate - Not Countable				