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PP21-230831



ANALYSIS OF PERSONAL SAMPLES

CERTAIN-TEED
Santa Clara, California

Report Prepared By:
Robert B. Weidner

June, 1971

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16. Abstract (Limit: 200 words) Worker exposures to asbestos (1332214) were surveyed in June, 1970, at Certain-Teed Products Corporation (SIC-3292) in Santa Clara, California. Asbestos concentrations in the warehousing and mixing, pipe forming, curing, pipe finishing, coupling finishing, epoxy, packing, and miscellaneous areas were 1.0 to 3.5, 1.4 to 2.5, 0.1 to 0.7, 0.0 to 4.6, 0.6 to 13.4, 0.3 to 1.8, 0.2 to 2.5, and 0.0 to 1.7 fibers greater than 5 microns per cubic centimeters (f/cc). Three of the 49 samples exceeded the 1970 threshold limit value for asbestos of 5.0f/cc.				
17. Document Analysis a. Descriptors Field-study, Insulation-workers, Insulation-industry, Asbestos-dusts, Standards, Dust-exposure, Standards, Dust-analysis, Industrial-hygiene b. Identifiers/Open-Ended Terms COSATI Field/Group.				
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(See ANSI-Z39.38)

See Instructions on Reverse

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OPTIONAL FORM 772 (4-77)
(Formerly 772-35)

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National Institute for Occupational Safety and Health
1014 Broadway, Cincinnati, Ohio 45202

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June 4, 1971

Mr. William Carl
Certain-Teed Products Corporation
Santa Clara, California

Dear Mr. Carl:

The analysis of the air samples taken in your plant in June, 1970, has been completed. The analysis was done using the membrane filter method at 430X magnification phase contrast illumination. A table of the results is enclosed. The 1970 American Conference of Governmental Industrial Hygienists' List of Threshold Limit Values of Airborne Contaminants includes asbestos in the section of intended changes. The new TLV is five fibers greater than five microns in length per ml. As you will note three of the 49 samples exceeded the recommended concentration.

Thank you for your cooperation that we received in your plant. If I can be of further assistance, please feel free to contact me.

Sincerely yours,

Robert B. Weidner
Assistant Chief,
Field Studies Branch
National Institute for Occupational
Safety and Health

Enclosure

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ANALYSIS OF PERSONAL SAMPLES
CERTAIN-TEED, SANTA CLARA, CALIFORNIA

OPERATION	SAMPLE NO.	CONCENTRATION (FIBERS>5u/cc)
Warehousing and Mixing	133	3.5
	144	1.0
Pipe Forming	131	2.5
	134	1.4
	135	4.4
	136	1.6
	140	1.7
Curing	103	0.1
	124	0.4
	137	0.5
	141	0.7
Pipe Finishing	102	3.4
	112	4.6
	114	0.0
	115	1.3
	116	1.2
	117	0.3
	118	2.4
	121	1.6
	122	1.3
	123	0.5
Coupling Finishing	101	13.4
	107	2.5
	108	1.9
	109	6.8
	111	10.5
	127	1.7
	129	0.6
Epoxy	125	1.8
	126	1.4
	128	0.5
	130	0.3
	132	0.6
Packing	104	1.8
	105	1.0
	106	2.5
	110	1.7
	119	0.2
	120	0.3
	139	0.2

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OPERATION	SAMPLE NO.	CONCENTRATION (FIBERS>5u/cc)
Miscellaneous	113	0.7
	138	0.6
	142	0.0
	143	0.1
	145	0.1
	146	0.4
	148	1.7
	149	0.3
	151	0.3

** SAMPLE WAS UNCOUNTABLE

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