

RESULTS OF SAMPLING

at

AMERICAN ASBESTOS TEXTILE COMPANY
Meredith, New Hampshire

Report Prepared By:
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June, 1971

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16. Abstract (Limit: 200 words) Worker exposures to asbestos (1332214) were surveyed at American Asbestos Textile Company (SIC-3292) in Meredith, New Hampshire, during October 1970. Sixty three out of the 75 samples analyzed exceeded the threshold limit value of 5 fibers per milliliter greater than 5 microns in length. The range of asbestos fiber concentrations in the fiber preparation, carding, spinning, twisting, winding, weaving, and rope, wick, braid and cord areas were 7.4 to 40.9, 7.0 to 35.0, 3.7 to 21.6, 5.3 to 31.1, 1.6 to 17.7, 1.8 to 31.1 and 1.4 to 5.4 fiber per cubic centimeter greater than 5 microns (f/cc), respectively. In miscellaneous areas of the facility, concentrations ranged from 22.7 to 37.0f/cc.			
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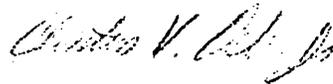
Mr. Jack Rainey
American Asbestos Textile
Meredith, New Hampshire

Dear Mr. Rainey:

Analysis of the air samples taken at your plant in October, 1970, has been completed. A table of the results has been enclosed. The analysis was done using the membrane filter method at 430X magnification phase contrast illumination. The 1970 American Conference of Governmental Industrial Hygienists' List of Threshold Limit Values of Airborne Contaminants contains asbestos in the section of intended changes. The new TLV is five fibers per ml greater than five microns in length. As you will note, 63 of the 75 from your samples exceeded the recommended concentration.

I appreciate the cooperation we received in Meredith. If I can be of further assistance, please feel free to contact me. A/C 513-684-3263.

Sincerely yours,



Clinton V. Oster, Jr.
Field Studies Branch

ANALYSIS OF PERSONAL SAMPLES
AMERICAN ASBESTOS TEXTILE, MERUDITH, NEW HAMPSHIRE

OPERATION	SAMPLE NO.	CONCENTRATION (FIBERS > 5u/cc)
Fiber Prep.	002	18.5
	004	7.4
	011	40.9
	013	22.3
Carding	003	31.6
	007	28.7
	010	23.8
	014	30.9
	016	35.0
	018	33.8
	019	28.6
	020	26.4
	079	7.0
	080	27.3
Spinning	012	21.6
	015	5.7
	024	7.0
	035	10.4
	036	8.6
	037	13.1
	038	3.7
	051	12.1
	053	12.8
	055	12.3
056	12.9	
Twisting	005	16.8
	008	13.6
	009	5.3
	017	11.9
	034	31.1
	039	9.2
	040	13.3
Winding	022	1.6
	025	3.1
	050	15.6
	052	15.9
	057	12.5
	058	13.3
	059	17.7
	060	14.1
	067	9.1
	068	7.1
069	3.2	
074	3.6	

OPERATION	SAMPLE NO.	CONCENTRATION (FIBERS>5u/cc)
Weaving	021	31.1
	026	13.8
	028	17.2
	031	38.5
	032	14.7
	033	19.7
	041	1.8
	042	5.1
	043	15.2
	044	13.9
	045	8.9
	046	12.5
	047	13.5
	048	9.6
	049	10.2
	061	15.7
	062	12.9
	063	14.1
	064	4.5
	065	4.9
066	7.1	
070	5.9	
071	9.5	
075	6.4	
077	4.2	
Rope, Wick, Braid and Cord	072	1.4
	073	2.3
	076	5.4
	078	1.4
Miscellaneous	001	22.7
	027	37.0

