

PB81229916



RESULTS OF U.S.P.H.S. SURVEY

JOHNS-MANVILLE
Manville, New Jersey

April, 1971

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16. Abstract (Limit: 200 words)			
<p>ABSTRACT: Air sampling for asbestos (1332214) dust was conducted by the United States Public Health Service at Johns Manville Company (SIC-2221) in Manville, New Jersey, during April, 1971. Asbestos concentrations ranged from 1.4 to 17.5 fibers greater than 5 microns per cubic centimeter (f/cc) in the fiber preparation area; 0.4 to 29.0f/cc in carding operations; 2.8 to 4.5f/cc near spinning work; 1.0 to 13.7f/cc in twisting operations; 1.0 to 5.6f/cc in the winding area; 2.4 to 20.2f/cc near the weaving operations; and 0.4 to 4.8f/cc at various other operations.</p>			
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RESULTS OF USPHS AIR SAMPLES

TAKEN

APRIL 1971

AT

JOHNS - MANVILLE

MANVILLE, NEW JERSEY

PERSONAL

OPERATION AND JOB

FIBERS >5 μ /cc

FIBER PREPARATION

Handler - Filter Fiber	6.6
Blender Operator	2.1
Conveyer Loader (Bulk Fiber)	1.4'
Fiber Take Off	17.5'
Fiber Take Off	9.6'

CARDING

Card Tender	2.8
Card Tender	5.6
Card Tender	6.8
Card Tender	9.5
Card Tender	18.4
Card Tender	6.2
Card Tender	6.8
Card Tender	5.7
Card Tender	7.6
Card Front Tender	10.6
Card Front Tender	8.6
Card Front Tender	14.7
Card Front Tender	1.6
Card Front Tender	29.0
Card Front Tender	15.7
Card Loader	31.0'
Section Man (carding)	8.2
Section Man (carding)	9.6
Section Man (carding)	5.6
Section Man (carding)	6.7
Material Handler (carding)	3.9
Material Handler (carding)	3.7
Material Handler (carding)	3.3
Sweeper (carding)	6.8
Sweeper (carding)	4.3
Stocker (carding)	15.9
Stocker (carding)	15.2

Johns - Manville
Manville, New Jersey
Air Samples - April 1971
October 7, 1971
Page 2

OPERATION AND JOB

FIBERS >5 μ /cc

CARDING (continued)

Carding Inspector	6.6
Roving Inspector	2.2
Scrap Grinder	7.1
Scrap Grinder	1.8
Breaker Operator (carding)	6.4
Foreman (carding)	1.0
Section Man (winding/carding)	4.6
Winder (winding/carding)	0.4
Winder (winding/carding)	4.1
Card Worker (ceramics operation)	2.0
Card Worker	1.0
Towmotor Operator	4.5
Fly Man	6.6

SPINNING

Yarn Inspector	2.8
Yarn Inspector	4.5

TWISTING

Dry Twister	7.8
Dry Twister	9.5
Dry Twister	7.5
Dry Twister	10.8
Dry Twister	5.3
Dry Twister	5.3
Dry Twister	12.1
Dry Twister	12.6
Dry Twister	5.3
Dry Twister	9.1
Dry Twister	8.3
Dry Twister	7.2
Dry Twister	7.1
Dry Twister	7.1
Dry Twister	13.7
Dry Twister	7.3
Dry Twister	9.1
Dry Twister	3.1
Dry Twister	9.8
Dry Twister	1.5

Johns - Manville
Manville, New Jersey
Air Samples - April 1971
October 7, 1971
Page 3

OPERATION AND JOB

FIBERS $>5\mu/cc$

TWISTING (continued)

Dry Twister	9.6
Dry Twister	6.0
Dry Twister	6.7
Wet Twister	7.9
Wet Twister	2.0
Wet Twister	4.9
Wet Twister	1.0
Wet Twister	5.1
Wet Twister	6.7
Wet Twister	6.7
Wet Twister	7.7
Wet Twister	4.8
Wet Twister	4.5
Wet Twister	2.4
Wet Twister	4.8

WINDING

Winder	4.0
Winder	1.3
Winder	1.7
Winder	1.0
Winder	1.1
Winder	3.7
Winder	3.9
Winder	3.1
Winder	2.5
Sweeper	5.6

WEAVING

Cloth Weaver	19.5
Cloth Weaver	5.7
Cloth Weaver	7.4
Cloth Weaver	3.8
Cloth Weaver	12.1
Cloth Weaver	15.4
Cloth Weaver	20.2
Cloth Weaver	6.5
Cloth Weaver	8.8

Johns - Manville
Manville, New Jersey
Air Samples - April 1971
October 7, 1971
Page 4

OPERATION AND JOB	FIBERS >5 μ /cc
<i>WEAVING (continued)</i>	
Cloth Weaver	8.9
Cloth Weaver	15.1
Cloth Weaver	16.6
Cloth Weaver	10.3
Tape Weaver	2.4
Tape Weaver	3.1
Warper	3.9
<i>ROPE, WICK, BRAID and CORD</i>	
Wick Former	3.8
Wick Former	3.1
<i>MISCELLANEOUS</i>	
Sweeper - Entire Plant	0.4
Packer, Loader, Checker	4.8
Maintenance Worker	0.6
Maintenance Worker	4.0

