



U.S.P.H.S. SURVEY

**JOHNS-MANVILLE
Asbestos Textile Plant
Manville, New Jersey**

January, 1965

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16. Abstract (Limit: 200 words) Worker exposures to asbestos (1332214) were surveyed at the Johns-Manville Asbestos Textile Facility (SIC-2661) in Manville, New Jersey, during January, 1965. All samples were collected with a membrane filter. Samples with fiber sizes greater than 5 microns in length ranged from 1.6 to 23.5 fibers per cubic centimeter (f/cc) for carding operations; 4.8 to 10.6f/cc for spinning operations; unmeasurable to 22.4f/cc for twisting work; unmeasurable to 22.6f/cc for the weaving work area; and from 3.9 to 10.1f/cc for fiber preparation operations.				
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JOHNS - MANVILLE
 MANVILLE, NEW JERSEY
 ASBESTOS TEXTILE PLANT

U.S.P.H.S. SURVEY
 JANUARY, 1965
 PERSONAL SAMPLES

<u>OPERATION</u>	Sample #	<u>MEMBRANE FILTER</u>	
		<u>Fibers/cc</u>	
		Total	5 μ +
<u>Carding</u>			
Card Tender	323	13.3	7.9
	325	37.4	23.5
	326	27.7	
	327	8.7	4.5
	346	9.5	5.1
	347	17.1	12.2
	348	3.7	2.1
	349	12.4	7.1
	350	24.5	8.6
	351	15.3	7.8
	322	23.3	14.0
	404	24.0	8.9
Lap Winder	400	50.4	10.6
	401	16.4	6.3
Grinder	402	17.0	6.3
	403	13.1	4.5
Scratcher	321	12.1	6.7
Section Man	324	3.3	1.6
Oilers			
<u>Spinning</u>			
Spinner	405	19.0	7.9
	406	14.7	4.8
	407	24.9	9.6
	408	17.0	6.2
	409	15.5	4.8
	411	18.9	7.6
	412	22.4	9.9
	413	12.1	6.4
	414	22.9	10.6
	415	20.9	
	416	22.7	9.8
	417	18.5	9.4
	419	20.4	9.6

OPERATION	Sample #	MEMBRANE FILTER	
		Fibers/cc	
		Total	5 μ +
<u>Spinning (Continued)</u>			
Spinner	423	26.3	
	424	16.8	8.2
Yarn Hauler	410	14.2	5.7
<u>Twisting</u>			
Twister	225	18.8	6.3
	226	9.8	7.0
	418	19.3	11.7
	420	33.5	19.8
	422	16.5	10.4
	425	6.2	3.2
	426	35.3	22.5
	427	0.0	0
	428	7.6	3.3
	429	11.3	2.7
	434	18.9	9.2
	443	12.6	6.0
Uni. Winder	437	12.4	6.7
	441	13.6	4.2
Roving Hauler	432	7.3	3.5
	433	13.1	5.8
Fixer	430	14.2	8.5
	449	15.5	8.0
Sweeper	439	13.7	5.6
Calender Operator	435	2.5	1.2
<u>Weaving</u>			
Tape Weaver	161	4.9	3.3
	162	3.4	2.3
	163	10.7	7.0
	165	4.0	2.9
	166	1.4	.8
	169	4.0	2.1
	170	7.9	5.7
	171	8.9	5.0
	173	13.0	6.2
	174	11.3	8.7
	175	9.9	6.6
	176	23.1	17.3
	177	23.1	17.3
	394	13.5	9.3
	395	14.6	10.2
	396	12.6	5.8
	457	12.2	5.8
	459	28.9	21.7

<u>OPERATION</u>	<u>MEMBRANE FILTER</u>		
	Sample #	Total	Fibers/cc 5µ+
<u>Weaving (Continued)</u>			
Tape Weaver	460	11.3	9.4
	465	7.5	4.6
	468	0.2	0.1
	474	27.4	22.6
	476	0.7	0.4
Warper	431	13.7	6.0
	447	1.0	0.3
Cloth Weaver	450	8.2	5.1
	453	1.1	0.9
	454	14.1	
	456	1.7	1.0
	458	8.9	6.1
	469	12.0	7.6
	470	3.4	2.3
	471	8.9	6.7
	472	1.2	0.5
Cop Winder	461	1.4	1.0
	462	5.5	3.9
	463	10.4	6.5
	473	3.1	2.4
Quill Winder	466	4.3	2.6
	475	0.9	0.7
Calender Operator	164	6.6	3.5
	172	12.2	7.7
	178	8.9	6.8
Loom Fixer	451	5.4	2.9
	455	7.9	3.5
Janitor	179	14.0	8.7
Yarn Hauler	464	4.8	3.0
Machine Cleaner	477	0	0
<u>Fiber Preparation</u>			
Supply & Feed	312	14.0	9.4
	313	12.8	10.1
Take Off Blended Fibre	316	13.9	7.2
Section Man	306	7.9	3.9
Sweeper	315	7.6	4.7
Willow Fly	308	10.2	4.3
Lap Picker	307	9.2	5.3

