

PB82162520



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

JOHNS-MANVILLE
Asbestos Textile Plant
Manville, New Jersey

IWS - 32,22K

August, 1967

REPRODUCED BY
NATIONAL TECHNICAL
INFORMATION SERVICE
U.S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA 22161

REPORT DOCUMENTATION PAGE		1. REPORT NO. IWS-32.22c	2. NA	3. Recipient's Accession No. NA 2 16252	
4. Title and Subtitle Results of U.S.P.H.S. Survey at Johns-Manville Asbestos				5. Report Date August, 1967	
				6. NA 013023	
7. Author(s) Anonymous				8. Performing Organization Rept. No. NA	
9. Performing Organization Name and Address NIOSH, Division of Field Studies and Clinical Investigations, Environmental Investigations Branch, Cincinnati, Ohio				10. Project/Task/Work Unit No. NA	
				11. Contract(C) or Grant(G) No. (C) NA (G)	
12. Sponsoring Organization Name and Address Same as Above				13. Type of Report & Period Covered Industry-wide Study	
				14. NA	
15. Supplementary Notes NA					
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 August, 1967. All samples were collected with a membrane filter. Samples with fiber sizes greater than 5 microns in length ranged from 5.9 to 31.7 fibers per cubic centimeter (f/cc) in fiber preparation operations; 3.9 to 25.4f/cc in the carding area; 14.1 to 42.7f/cc in spinning operations, 4.8 to 37.3f/cc in the twisting area, 2.9 to 4.0f/cc in winding operations; and 0.7 to 17.9f/cc for weaving operations.					
17. Document Analysis a. Descriptors Region-2, Work-environment, Air-sampling, Airborne-dusts, Mineral-dusts, Industrial-processes, Textile-workers, Air-quality					
b. Identifiers/Key-Open-Ended Terms					
c. COSATI Field/Group					
18. Availability Statement Available to the Public		19. Security Class (This Report) NA		21. No. of Pages	
		20. Security Class (This Page)		22. Price	

National Institute for Occupational Safety & Health
Division of Field Studies & Clinical Investigations
September 30, 1971

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JOHNS - MANVILLE
MANVILLE, NEW JERSEY
ASBESTOS TEXTILE PLANT

U.S.P.H.S. SURVEY
AUGUST, 1967
PERSONAL SAMPLES

<u>OPERATION</u>	<u>MEMBRANE FILTER</u>
	<u>Fibers/cc</u>
	<u>5µ+</u>
100 - Fiber Preparation	
Supply & Feed	24.5
Supply & Feed	5.9
Blender Take-Off	31.7
Sweeper	6.8
Bedding Operator	9.4
110 - Carding	
Card Machine Operator	3.9
Card Machine Operator	11.9
Card Machine Operator	13.1
Card Machine Operator	9.3
Card Machine Operator	8.8
Card Machine Operator	15.8
Card Machine Operator	15.3
Card Machine Operator	8.6
Card Machine Operator	10.6
Card Machine Operator	15.5
Mechanic - Card Machine	25.4
120 - Spinning	
Spinner	18.3
Spinner	19.3
Spinner	34.7
Spinner	33.7
Spinner	29.7
Spinner	14.1
Spinner	30.4
Spinner	27.5
Spinner	29.0
Spinner	42.7
Spinner	22.4

<u>OPERATION</u>		<u>MEMBRANE FILTER</u>
		<i>Fibers/cc</i> 5μ+
130 - Twisting		
Twister		4.8
Twister		18.6
Twister		11.4
Twister		11.5
Twister		13.9
Twister		19.0
Twister		37.3
Twister		18.8
Twister		24.0
140 - Winding		
Winder		4.0
Bobbin Winder		3.3
Cop Winding		2.9
150 - Weaving		
Cloth Weaver		4.5
Cloth Weaver		2.5
Cloth Weaver		10.1
Cloth Weaver		17.9
Cloth Weaver		1.0
Cloth Weaver		15.4
Cloth Weaver		1.0
Cloth Weaver		10.9
Cloth Weaver		1.6
Tape Weaver		0.7
Tape Weaver		14.6
Tape Weaver		1.1