

RESULTS OF U.S.P.H.S. AIR SAMPLES

RAYBESTOS-MANHATTAN
Manheim, Pennsylvania

December, 1970

RESULTS OF USPHS AIR SAMPLES

TAKEN

DECEMBER 1970

AT

RAYBESTOS - MANHATTAN

MANHEIM, PENNSYLVANIA

PERSONAL

OPERATION AND JOB

FIBERS >5 μ /cc

I. Textile Operations

Fiber Preparation

Willow Operator	8.8
Condensor Operator	13.2

Carding

Card Tender	1.4
Card Tender	2.3
Card Tender	4.3
Card Tender	5.1
Card Tender	8.5
Card Tender	11.4
Card Tender	3.4
Card Tender	14.5
Stocker	10.1
Stocker	4.7
Stocker	13.7
Fixer - Card Room	1.4
Card Inspector	2.7
Cotton Card Operator	2.5

Spinning

Spinner	7.7
Spinner	4.3
Spinner	9.5
Spinner	4.1
Spinner	6.4
Spinner	9.1

OPERATION AND JOB	FIBERS >5 μ /cc
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I. <u>Textile Operations</u> (continued)	
<i>Twisting</i>	
Twister (Speeder)	5.4
Twister	1.8
Twister	2.5
Twister	8.0
Twister	3.9
Twister	2.5
Twister	1.2
Yarn Collector	0.2
<i>Winding</i>	
Winder	0.6
Winder	3.4
Winder	3.5
Scales Clerk	0.9
Spool Packer	1.6
<i>Weaving</i>	
Cloth Weaver	0.7
Cloth Weaver	3.9
Cloth Weaver	5.2
Cloth Weaver	2.6
Cloth Weaver	2.2
Cloth Weaver	6.6
Cloth Weaver	7.8
Cloth Weaver	5.0
Cloth Weaver	7.6
Slubber	6.7
Slubber	4.3
Creeler	5.4
<i>Finishing</i>	
Cloth Drier	5.6
Shipping Clerk	1.0
Shipping Clerk	1.0
<i>Miscellaneous</i>	
Sweeper	3.2
Wheelabrator Operator	16.2

OPERATION AND JOB	FIBERS >5 μ /cc
<u>II. Friction Operations</u>	
<i>Mixing, Coating and Extruding</i>	
Mixer Operator	--'
Mixer Operator	4.5
Mixer Operator	6.1
Mixer Operator	--'
<i>Forming</i>	
Chevron Winder	0.3
Chevron Winder	0.3
Chevron Winder	0.3
Chevron Winder	0.1
Slitter Operator	0.4
Bender Operator	1.7
<i>Hot Pressing</i>	
Hot Press Operator	1.5
Hot Press Operator	0.3
Hot Press Operator	0.1
Hot Press Operator	0.7
Hot Press Operator	0.2
Hot Press Operator	0.3
Hot Press Operator	0.6
<i>Baking</i>	
Form Fitter	0.6
Loader	0.1
<i>Grinding and Sanding</i>	
Blandchard Operator	1.5
Blandchard Operator	2.8
OD Grinder	0.5
Grinder	0.1
Grinder	0.9
Wheelabrator	0.9
Wheelabrator	0.6
Sander	1.7
Sander	1.9
Buffer	0.1

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OPERATION AND JOB

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II. Friction Operations (continued)

Cuting and Drilling

Hand Drill Operator	2.6
Hand Drill Operator	3.3
Drill Press Operator	14.2
Drill Press Operator	5.1
Drill Press Operator	1.2
Auto Drill Operator	0.4
Slip Spindle Drill Operator	12.8
Slip Spindle Drill Operator	4.2
Grove Machine Operator	0.5
Grove Machine Operator	0.7
Cutter	1.0
Cutter	1.8

Bonding and Riveting

Riveter	0.3
Riveter	1.5
Bonder	0.8
Bonder	8.7

Inspection and Packing

Inspector	4.4
Inspector	2.1
Inspector	9.9
Inspector	5.1
Inspector	7.8
Inspector	1.8
Inspector	1.1
Inspector	0.7
Packer	0.1
Packer	0.1
Packer	0.7
Shipping Clerk	0.3
Machine Brander	8.5

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OPERATION AND JOB

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II. Friction Operations (continued)

Miscellaneous

Quality Control Technician	6.4
Stocker	6.4
Stocker	0.8
Stocker	1.0
Inbound Checker	0.6
Mechanic	1.6
Warehouseman	0.5
Foreman	0.1
Clicker Press Operator	2.1

NOTES FOR FRICTION OPERATION

Filters too heavy with background dust to get an accurate count

III. Packing Operations

Braiding

Braider	0.1
Braider	0.1
Braider	0.4
Braider	0.4
Braider	0.3

Mixing and Calendering

Preform Dipper	0.1
Preform Cutter	0.3
Weigher	0.3

Coating

Fabric Coater	0.6
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OPERATION AND JOB

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III. Packing Operations (continued)

Forming

Hose Machine Operator	0.4
Hose Machine Operator	0.5
Spiral Winder	0.1
Packing Maker	0.3
Preformer (Rings)	0.1
Preformer (Rings)	0.1
Mold Operator	5.5
Mold Operator	3.7
Mold Maintenance	0.9

Cutting and Trimming

Ring Trimmer	0.1
Fabric Cutter	0.2
Spiral and Ring Trimmer	0.2
Band Saw Operator	0.7
Punch Press Operator	2.4
Micro Grinder Operator	1.5
ID & OD Grinder Operator	5.5
Micro Grinder Helper	1.8

Weaving

Weaver	15.1
Weaver	16.8
Weaver	18.9
Weaver	3.7
Creeler	13.4

Inspecting

Inspector	1.0
Inspector	0.7