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

RAYBESTOS-MANHATTAN
Marshville, North Carolina

IWS -32.18

June, 1971

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

RAYBESTOS - MANHATTAN

MARSHVILLE, NORTH CAROLINA

SURVEY DATE: JUNE 1971

OPERATION AND JOB	PERSONAL SAMPLES	
	SAMPLE #	CONCENTRATION FIBERS >5 μ /cc
<i>100 Fiber Preparation</i>		
Blender Operator	3	9.2
Blender Operator	89	10.0
Waste Machine Operator	1	3.1
Waste Machine Operator	90	10.0
Weigher	106	10.8
<i>110 Carding</i>		
Card Operator	5	29.5
Card Operator	6	16.5
Card Operator	8	6.1
Card Operator	49	6.4
Card Operator	50	6.6
Card Operator	86	5.1
Card Operator	87	5.1
Card Operator	105	7.6
Card Fixer	2	5.6
Card Fixer	7	2.9
Card Fixer	23	9.7
Card Fixer	78	2.5
Card Fixer	104	5.9
Weigher	11	13.5
Weigher	54	5.6
Stocker	12	7.7
Stocker	45	18.1
Carding Clean-Up Man	51	2.6
Supervisor	10	5.9
Foreman	4	1.2
Foreman	9	3.8
<i>120 Spinning</i>		
Foreman	55	0.9

Raybestos-Manhattan
 Marshville, North Carolina
 Survey Date: June, 1971
 Page 2

OPERATION AND JOB	PERSONAL SAMPLES	
	SAMPLE #	CONCENTRATION FIBERS >5μ/cc
130 <i>Twisting</i>		
Twister	14	10.5
Twister	15	14.0
Twister	16	18.6
Twister	17	6.8
Twister	53	2.8
Twister	56	3.2
Twister	58	12.3
Twister	59	4.3
Twister	77	1.6
Twister	91	13.6
Twister	99	3.7
Twister	109	5.1
Twister	110	7.1
Twister	111	0.5
Twister Sweeper	16	27.1
Twister Serviceman	57	4.0
Twister Serviceman	108	12.8
Twister Serviceman	124	7.5
140 <i>Winding</i>		
Winder	22	2.7
Winder	28	3.1
Winder	29	1.2
Winder	71	1.4
Winder	72	0.6
Winder	81	2.9
Winder	93	2.0
Winder	100	1.4
Winder	101	5.2
Winder	116	2.5
Winder	122	8.1
Winder	123	1.8
Spooler Operator	24	4.0
Spooler Operator	44	1.2
Creeler	62	1.2

Raybestos-Manhattan
 Marshville, North Carolina
 Survey Date: June, 1971
 Page 3

OPERATION AND JOB	PERSONAL SAMPLES	
	SAMPLE #	CONCENTRATION FIBERS >5 μ /cc
150 Weaving		
Weaver	25	2.1
Weaver	26	3.6
Weaver	32	3.4
Weaver	35	10.8
Weaver	36	2.2
Weaver	37	4.7
Weaver	60	1.3
Weaver	61	1.5
Weaver	63	2.4
Weaver	66	2.8
Weaver	67	6.3
Weaver	68	1.6
Weaver	92	3.0
Weaver	95	7.1
Weaver	98	0.8
Weaver	114	5.5
Weaver	115	3.8
Weaver	117	1.1
Weaver	118	1.4
Weaver	119	0.8
Creeler	33	1.6
Creeler	38	8.7
Creeler	39	0.6
Creeler	64	1.4
Creeler	65	1.2
Creeler	70	2.0
Creeler	113	1.2
Fixer	40	2.5
Fixer	41	0.5
Fixer	80	1.6
Fixer	112	1.6
Weaving Serviceman	30	2.8
Weaving Serviceman	69	2.1
Cop Winder	31	1.5
Loom Changer	27	4.1
Clean-Up Man	34	6.3
Foreman	42	0.2
Foreman	43	0.8

Raybestos-Manhattan
 Marshville, North Carolina
 Survey Date: June, 1971
 Page 4

OPERATION AND JOB	PERSONAL SAMPLES	
	SAMPLE #	CONCENTRATION FIBERS >5 μ /cc
160 <i>Rope, Wick, Braid, Cord</i>		
Rope Machine Operator	21	6.4
170 <i>Finishing</i>		
Inspector	46	2.1
Inspector	47	2.7
Inspector	48	3.5
Inspector	76	3.3
Inspector	97	2.1
Inspector	120	0.5
Shipping Clerk	20	1.9
Shipping Clerk	83	5.8
Stock Hauler	103	26.9
Production Checker	75	0.7
180 <i>Miscellaneous</i>		
Maintenance Man	19	9.4
Maintenance Man	52	0.6
Maintenance Man	79	0.5
Janitor	84	16.2
Clean-Up Man	88	10.6
Clean-Up Man	94	18.5
Clean-Up Man	107	8.4
Lab Assistant	73	4.2
Lab Assistant	74	0.3
Foreman	82	3.5
Foreman	121	7.3

SUMMARY TABLE
RAYBESTOS - MANHATTAN
MARSHVILLE, NORTH CAROLINA

OPERATION (# SAMPLES)		CONCENTRATIONS, FIBERS >5μ/cc					
		LOW	HIGH	MEAN	% CONC. > 2	% CONC. > 5	% CONC. >10
100	Fiber Preparation (5)	3.1	10.8	8.6	100	80	60
110	Carding (21)	1.2	29.5	8.0	95.2	76.1	19.0
120	Spinning (1)	-	-	-	-	-	-
130	Twisting (18)	0.5	27.1	8.8	88.8	61.1	38.8
140	Winding (15)	0.6	8.1	2.6	55.5	15.3	0.0
150	Weaving (38)	0.2	10.8	2.8	50.0	15.7	2.6
160	Rope, Wick, Braid, Cord (1)	-	-	-	-	-	-
170	Finishing (10)	0.5	26.9	5.0	70.0	20.0	10.0
180	Miscellaneous (11)	0.5	18.5	7.2	72.7	54.5	27.2

