

RESULTS OF DUST SURVEYS MADE AT SOUTHERN ASBESTOS CO., CHARLOTTE, N. C. SINCE 1936

LOCATION

DUST CONCENTRATION IN MILLIONS OF PARTICLES PER CU. FT. OF AIR

Preparation Department

General atmosphere around miller and crusher

Between two chamber mills

General atmosphere at 404 picker

Exposure of men feeding yarn waste into K-3 machine for shredding

General atmosphere in storage bin area dock

Exposure of person, shovelling screened asbestos into piling area

General atmosphere in aisle in bin room

Exposure of man tending feeder pipe in storage bin

General atmosphere in storage room while auto asbestos was being received from freight car

Exposure of person operator

Card Room

General atmosphere along aisle in center of card room (large)

General atmosphere in North end of large card room

General atmosphere in Southeast corner of large card room

1936

1941

1942

1943

2.3-6.5

3.4

3.7

1.3-1.4

34.3-74.3

4.0

2.2

2.8

2.0

22.9

17.5

11.0

1.4

7.8

100.0

.9

.7

29.1-3.7

6.7

3.7

29.1

6.0

2.0

29.1

5.1

LOCATION

1936

1941

1942

1943

General atmosphere in aisle in small card room (kitchen)

29.1

4.8

6.1

General atmosphere in small card room (kitchen)

1.0-5.6 (6 ramp)

Salvage Room

General atmosphere in aisle between 2 rule spinners

2.6-7.9

3.8

2.5

4.0-1.2

General atmosphere in aisle between table

3.2-13.2

0.1

4.1

2.0

General atmosphere in aisle between 2 ring spinners

3.2-8.3

1.6

7.1

General atmosphere in aisle along spooling frames

3.2-13.1

3.6

6.1

Spoolers exposure—General atmosphere in area

5.3

9.1

General atmosphere in center of building between spoolers and ring spinners

9.3

9.1

Copy spinners exposure

8.1

Receiving Department

General atmosphere near dry looms (2 shut down approximately 9 min.)

4.7-49.7

4.1

General atmosphere near dry looms (2 shut down approximately 9 min.)

10.3

General atmosphere in aisle near wet looms S. E. area of building

4.7-11.1

0.9

2.7

4.1-3

General atmosphere around dry looms in S. W. area of building strong breeze and humidifiers in use

7.5

LOCATION

1916

1941

1942

1944

General exposure at rear of cloth looms

Exposure of cloth loom operator during dry weaving

Wage Paying Department

General atmosphere between wet tape looms in basement

Exposure of wet tape loom operator

General atmosphere in S. W. end of basement in area between formers (ropemakers), dry tape looms (only 1 in operation), steel racks and rolls

Exposure of bridling machine operator in R. E. corner of basement

General atmosphere in N. E. corner of basement with tape looms in operation; two girls colorizing; 1 man packaging rolls of tape. All looms have dampened warps

Slubbering Room

General atmosphere between slubber and creel racks

2.7

1.1

1.5-14.9 (4 exp.)

2.4-23.0

7.7

1.2

1.6-1.3

1.2-10.2

2.9

1.03

1.6

2.2

2.4