

A comparison of particle counts on samples of atmospheric dust collected on March 5 & 6, 1942, with those obtained during January and February 1936.

<u>Date</u>	<u>Sample Number</u>	<u>Location</u>	<u>Dust concentration in millions of particles per cu. ft. of air</u>	
			<u>1941</u>	<u>1936</u>
<u>Preparation Department</u>				
3-5-41	1	Between 2 chaser mills.	3.4	2.3-6.5
	2	G. A. near end of 48" Picker.	4.0	34.3-74.3
	3	Ex. of men feeding yarn waste into W-3 machine for shredding.	2.0	
3-6-41	4	Exp. of screener - shoveling screened asbestos into "piling Area"	11.0	
3-6-41	5	G. A. in Storage bin area disk.	17.5	22.9
<u>Card Room</u>				
3-5-41	6	G. A. along aisle in center of cardroom. (large)	6.7	29.1
3-6-41	7	G. A. in North end of large card-room.	6.0	29.1
3-6-41	8	G. A. in S.E. corner of large card-room.	5.1	29.1
3-5-41	9	G. A. along aisle in small card-room. (kitchen)	4.8	29.1
<u>Spinning Room</u>				
3-5-41	10	G. A. in aisle between 2 mule spin.	3.8	2.6-7.9
	11	G. A. in aisle between twistors.	8.1	3.2-12.2
3-6-41	12	G. A. in aisle between 2 ring spinners.	1.6	3.2-8.3
	13	G. A. in aisle along spooling frames.	3.6	3.2-13.1
	14	Spoolers exposure - G. A. in area.	5.3	
<u>Weaving Department</u>				
3-5-41	15	G. A. near dry looms - (2 snut down approximately 9 min.)	4.1	4.7-49.7
	16	G. A. near dry looms- (2 snut down approximately 9 min.)	10.3	
3-5-41	17	G.A. in aisle near wet looms S.E. area of building.	0.9	4.7-11.1
<u>Tape Weaving Department</u>				
3-5-41	18	G.A. between wet tape looms in basement.	7.7	2.4-23.0
3-6-41	19	Exposure of tape loom operator wet - N.E. corner of basement.	1.2	
3-6-41	20	Exposure of braiding machine operator in S.E. corner of basement.	2.9	1.2-10.2