

32.24
PB81-239733



RESULTS OF AIR SAMPLES

RAYBESTOS-MANHATTAN
Friction Plant
Charleston, South Carolina

May, 1965

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

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REPORT DOCUMENTATION PAGE	1. REPORT NO. IWS-32.24a	2. NA	3. Recipient's Accession No. NA
4. Title and Subtitle Results of Air Samples at Raybestos-Manhattan Friction Plant, Charleston, South Carolina			5. Report Date May, 1965
			6. NA
7. Author(s) Anonymous			8. Performing Organization Rept. No. NA
9. Performing Organization Name and Address Industrial Hygiene Section, Industry-wide Studies Branch, Division of Surveillance, Hazard Evaluation and Field Studies, NIOSH, 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) Air sampling for asbestos (1332214) dust was conducted at the Raybestos-Manhattan Friction Company (SIC-3292) in Charleston, South Carolina, during May, 1965. All samples were collected with an impinger and a membrane filter sampler. Breathing zone samples taken with an impinger ranged from unmeasurable to 0.3 million particles per cubic foot. Membrane filter breathing zone samples contained 0.6 to 1.0 fibers greater than 10 microns in length per cubic centimeter (f/cc). Personal air samples collected with the membrane filter contained up to 0.8f/cc. General air samples contained no measurable asbestos dust concentrations.			
17. Document Analysis a. Descriptors Air-sampling, Asbestos-dust, Industrial-hygiene, Dust-exposure, Sample-collection, Samplers, Health-survey, Dust-analysis, Work-environment Field-study, b. Identifiers/Open-Ended Terms c. COSATI Field/Group			
18. Availability Statement Available to the Public		19. Security Class (This Report) NA	21. No. of Pages 2
		20. Security Class (This Page)	22. Price

Results of Air Samples of May, 1965
Raybestos-Manhattan
Charleston, South Carolina
Friction

Operation	Impinger		Membrane Filter		
	Sample #	mppcf	Sample #	Fibers/cc	
				Total	10 u +
Hot Pressing					
Hot Press Op.--EZ	727	0.1	728	1.0	0.0
	668	0.0	669	--	--
Personal			661	0.0	0.0
			670	0.9	0.0
Grinding & Sanding					
Sander--EZ	729	0.3	730	--	--
	735	0.0	736	0.6	0.0
Personal			662	7.3	0.8
Gen.	731	0.1	733	1.1	0.0
	J732	0.0	N734	0.4	0.0
Inspection & Packing					
Brander					
	Personal		695	4.2	0.3
Inspector					
	Personal		663	1.6	0.0

NOTES ON ABBREVIATIONS

"Personal" refers to personal samples on membrane filters

"BZ" refers to breathing zone samples by companion impinger & membrane filter

"Seq." refers to unattended samples taken by a sequential sampler

"Gen." refers to samples of general plant air in the particular department

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