

FILE NAME: Pennsylvania Asbestos (PAA)

DATE: 1966-1967

DOC#: PAA010

DOCUMENT DESCRIPTION: Benjamin Foster from Phila with BC Comments

Benjamin Foster Co.

1966- letter from US Dept.
HEW describes A's 15,
att. references

1967- dust counts

5 below 5 MPPCF

others: 6.0, 9.6, 16.0, 33.4

- respirators discussed

- employees sent for chest
X-rays

12/67 dust counts improved,
1.4-4.6 MPPCF



DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Occupational Health Research & Training Facility,
Bureau of State Services
1914 Broadway
Cincinnati 2, Ohio

December 8, 1986

Mr. W. P. Ellis
Director of Research
Benjamin Foster Company
4535-37 West Girard Avenue
Philadelphia, Pennsylvania 19131

Dear Mr. Ellis:

This letter is in response to your request for published information on the subject of the occupational hazard of asbestos fiber dust as an atmospheric air pollutant.

The name, asbestos, is used to cover a group of fibrous mineral silicates. Many studies have been reported in the literature and there is indication that the inhalation of significant amounts of asbestos dust over an extended period of time can produce in certain individuals a respiratory disorder, a pneumoconiosis referred to as asbestosis. This occupational disease is characterized primarily by cough, dyspnea, basal crackles, and reticulonodular shadowing of the chest roentgenogram. There are also reports of chronic bronchitis and emphysema that may be associated with this disease, the emphysema being of a more localized than a diffused obstructive type. There are also reports of incidents of lung carcinoma associated with asbestosis. The most consistent pathological change is a dense fibrosis containing macrophages with absorbed dust particles which in many areas obliterates the pulmonary architecture. However, there is controversy among investigators studying the inhalation of asbestos, particularly as to the reality and severity of the problem and whether or not all types of asbestos produce such reactions in the body. Studies and surveys of asbestos exposures have been hindered to some extent by the lack of good specific techniques for the sampling and determination of asbestos concentrations in the air. Therefore, our information is not nearly as complete or precise as would be desirable. Because of those many factors, the Division of Occupational Health has recently undertaken the study of the health and environmental conditions of workers handling asbestos. The investigation will include the environmental and medical aspects of the disease but these studies are expected to take many years, for asbestosis is a chronic, slowly-developing disease, therefore it will be quite some time before the studies are completed and the findings become available.

The American Conference of Governmental Industrial Hygienists has adopted threshold limit values (TLV's) for many substances found in industry. For asbestos the TLV is 5 million particles per cubic foot of air, a time-weighted average exposure for a normal eight-hour workday. To determine whether or not a health hazard does exist in a given

*plant folder
please
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copy to Reg 7
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Mr. W. P. Ellis -- December 8, 1968

work area an environmental health study should be made by an industrial hygienist. After such a study he could make recommendations for control measures. If needed, You may wish to call upon the official industrial hygiene agency in your area for their professional guidance and assistance which is available to you. The address of this agency is: Division of Occupational Health, Pennsylvania Department of Health, Health and Welfare Building, Harrisburg, Pennsylvania 17120. This organization also has a regional office in the State Office Building, Broad and Spring Garden Streets, Philadelphia, Pennsylvania 19130 (Telephone: 838-4000, Ext. 8174). There is also a local health department agency for the City of Philadelphia. Its address is: Occupational and Radiological Health Section, Division of Environmental Health, Philadelphia Department of Public Health, 600 E. Broad Street, Philadelphia, Pennsylvania 19146 (Telephone: MU 6-8155).

We are enclosing a relatively short list of references to asbestosis. We would particularly point out the third reference from the bottom of page 3 entitled: The Biological Effects of Asbestos, published in the Annals of the New York Academy of Science. This is quite a lengthy publication and covers many aspects of asbestos. The last article by Morris Kleinfeld is one of the more recent articles pertaining to the effect of asbestos dust inhalation on lung function.

We hope the information furnished will be helpful and if we can be of any further service we shall be glad to do so.

Sincerely yours,

Enclosure

cc: Pennsylvania Department of Health
Philadelphia Department of Public Health
Region II Program Director

W. K. Morrill, Jr.
Industrial Hygienist
Technical Information Section

W. K. MORRILL:gmh

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PA STATE ARCHIVES

360 North Court, Harrisburg, PA 17120-0090
Pennsylvania Historical & Museum Commission

REGION VII
 PROD. MFG. OR SERVICE
adhesives and coatings
 DATE OF ACTIVITY 8-9-67

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF HEALTH
 OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT

EMPLOYEES	COUNTY
MALE <u>45</u>	<u>Phila.</u>
FEMALE <u>5</u>	IND. CODE
TOTAL <u>50</u>	<u>28</u>

PLANT
Foster Company, Benjamin
 ADDRESS
4635 W. Girard Ave., Phila.
 PERSON INTERVIEWED
Mr. E. Dugery
 TITLE
Asst. superintendent

PURPOSE: INVEST.; INSPECT.; PRELIM.; F.U.; CONF.; VISIT;

REASON: SELF-INIT.; O.D. REP.; COMPL.; REQUEST; SOURCE

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS		ACCOMPLISHED		
		5-17-67	WRITTEN *** VERBAL	YES	NO	IN PROG.
asbestos	10-12	1. USEM respirators		X		
		2. Maintain respirators		X		
		3. Modify LEV on mixers A. change opening position		X		
		B. change charging procedure				
		4. Housekeeping program				X
SAMPLES COLLECTED		5. Chest X Ray program		X		
				TOTAL		

SAMPLES COLLECTED
 (NO. & KIND)

DETERM. MADE
 (NO. & KIND)

MEDICAL - O.D. REPORTED, NO. & KIND

PUNCH CARD

YES ☒

NO ☐

FOLDER

YES ☒

NO ☐

REMARKS:

Respirators approved for toxic dusts and organic vapors are supplied to the men, who are periodically reminded to clean them, change filters, etc.

A new covered chute for charging dry materials into mixer has been designed. Bags have to be slit open inside the chute, which fits snugly into the mixer openings. This increases the effectiveness of the LEV. Mr. Dugery said the LEV system will eventually be remodeled, but not right away.

A major clean-up operation is in progress. In some places, 2 or 3 inches of asphalt-asbestos "gook" has been chipped off the floor. All storage areas have been swept out. (Two industrial vacuums are on order, haven't come yet) All material in bags is now blown off before it enters the plant and kept on pallets in an attempt to reduce breakage. Open or broken bags are to be used first. Overhead structures will be cleaned with the vacuum cleaner. One Saturday men wore respirators and blew out rafters with air hoses, then swept it off the floor, but this got too messy. Mr. Dugery said it will be a slow process, no cleaning has been done for 20 years. Workers are not enthusiastic about having to spend the extra minutes to be careful, but from the appearance of the mixing area, they are doing a good job. Mr. Dugery said "come back in 6 months".

All new employees are sent for chest x-rays. Starting right after vacation season, workers will be driven by carload into Center City for an X Ray. Mr. Dugery says hopefully the men will encourage their families to go also.

A reserve will be done to determine the effectiveness of the control measures.

Signature of an Official Person

PA STATE ARCHIVES

530 North Second, Harrisburg, PA 17120-0001

BY P. K. Bradley

111-1-5

WPA-19003 REV. 10-62

REGION VII

PROD. MFG. OR SERVICE adhesives and coatings

DATE 6/16/67

PLANT Foster Company, Benjamin

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT

EMPLOYEES

MALE 45

FEMALE 5

TOTAL 50

ADDRESS

4635 W. Girard Avenue, Phila., Pa. 19131

PERSON INTERVIEWED W. A. Kcal

TITLE Plt. Supt.

PURPOSE: INVEST.; SURVEY; INSPECT; PRELIM.; F.U.; CONF.; VISIT;

REASON: SELEMIT.; O.D. REP.; COMPL.; REQUEST; SOURCE

30 day reply requested

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS <u>5/17/67 R.</u> <u>WRITTEN</u> <u>VERBAL</u>	ACCOMPLISHED		
			YES	NO	IN PROG.
<u>Asbestos</u>	<u>10-12</u>	1. USBM respirators			X
		2. Maintain respirators			X
		3. Modify LEV on mixers			X
		a. change opening position			
		b. change charging procedure			
		4. Housekeeping program			X
		5. Chest X-ray program			X

TOTAL

TOTAL

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TOTAL

SAMPLES COLLECTED
(NO. & KIND)

DETERM. MADE
(NO. & KIND)

MEDICAL

O.D. REPORTED, NO. & KIND

REMARKS Letter received indicating compliance with recommendations, will be confirmed by a personal

visit. Letter states that ventilation at the mixers BY P. Bradley (O) LTC

PUNCH CARD ☒ YES ☐ NO FOLDER ☒ YES ☐ NO (over)

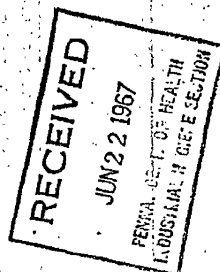
Registration of an Original Record
After Check

PA STATE ARCHIVES

500 Park Mall, Harrisburg, PA 17120-0000

For Unrecorded & Unrecorded Commission

has been increased and loading procedures have been improved. Approved respirators are in use, and maintenance is being enforced. A cleaning program has been initiated. New employees are being sent for lung examinations and all employees will be examined annually.



Photocopy of an Original Report
Please Check

PA STATE ARCHIVES

200 North Second Building, PA 17120-4000

PA Historical & Museum Commission

May 17, 1967

Benjamin Foster Company
4635 West Girard Avenue
Philadelphia, Pennsylvania 19131

Attention: Mrs. W. R. Mael
Plant Superintendent

Gentlemen:

A survey to evaluate employees' exposure to asbestos dust at the mixer charging operations was conducted in your plant on April 26, 1967. The survey was made with the cooperation of Mr. S. Bugary, assistant superintendent.

Samples of airborne dust were collected with midget impingers containing 95 percent ethyl alcohol. Dust concentrations were determined from these samples using a standardized light-field microscopic technique and are presented in the attached Table.

The threshold limit value (TLV) for asbestos-containing dust is 5 million particles per cubic foot of air, based on exposure for an 8-hour working day. Considering the magnitude of the dust concentrations (see Table) and the exposure time, exposures to asbestos-containing dust approach the threshold limit value. Because of our findings, the following recommendations are made.

1. Require that respirators approved by the U. S. Bureau of Mines for protection against dusts having a threshold limit value of 5.4 million particles per cubic foot, or greater, be worn by employees engaged in charging mixers.
2. Maintain respiratory equipment in accordance with Article 432, Section 40.
3. Modify the existing local exhaust ventilation systems on the mixers to more effectively control dust emissions during the charging operation. This may be accomplished by redesigning the exhaust hoods so that bags are emptied within these hoods.
4. Institute a periodic housekeeping program to remove accumulated dust from equipment, overhead structures, walls and floors. Cleaning should be done utilizing wet and/or vacuum methods.

Registration of an OSHA Permit
Permit Office

PA STATE ARCHIVES

800 North Street, Third Floor, PA 17120-0080
PA Historical & Museum Commission

ES
5-18-67

-2-

Sanjatin Foster Company
4435 West Oxford Avenue
Philadelphia, Pennsylvania 19131

5. Institute a program of preplacement air annual chest X-ray examinations for all employees exposed to dust.

Please notify this office within 30 days of the steps you are taking to carry out these recommendations. If you have any questions, please let us know.

Our Hygiene Information Guides entitled "Asbestos" and "Personal Reproductive Protective Equipment", our booklet entitled "Mist" and Article 432, as referred, are enclosed.

Very truly yours,

Loon F. Donahoe
Regional Industrial Hygienist

LFD:PBW

Enclosures (4)

Reproduction of an Original Record

Process Order

PA STAFF REQUIRED

860 3RD ST. SUITE 100, PH. 7703-4400
CAMDEN 2, NEW JERSEY

Commonwealth of Pennsylvania
Department of Health
OCCUPATIONAL HEALTH

Table

Dust Concentrations

Benjamin Foster Company
4635 West Girard Avenue
Philadelphia, Pennsylvania

Location	Dust (millions of particles per cubic foot of air)	Remarks
Batch mixing room	11.8 511.6	General air, no charging
	4.1	General air, right after charging large mixer
	3.9 6.0	Charging mixers, not all asbestos
	2.6	Operator's breathing zone, starting charging operation
	9.6 16.0	Operator's breathing zone, charging asbestos into mixer
	33.4	Operator's breathing zone, charging P-134 (mica)

*Threshold limit value for asbestos-containing dust, based on exposure for an 8-hour working day - 5 million particles per cubic foot of air.

Survey by

Patricia Bradley
Industrial Hygienist

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From the

PA STATE ARCHIVES

300 North Street, Harrisburg, PA 17120-0080
PA Historical & Museum Commission

REGION VII

PROD. MFG. OR SERVICE adhesives & coatings

DATE OF ACTIVITY 4/20/67

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT

EMPLOYEES

45

MALE _____

FEMALE

COUNTY

Philadelphia

IND. CODE
2800

PLANT

Foster Company, Benjamin

ADDRESS

4635 W. Girard Avenue, Philadelphia, Penna.

ZIP

19131

PHONE

PERSON INTERVIEWED

Edward Dugery

TITLE	AUTHOR	DATE	PAGE	REMARKS
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100
101	102	103	104	105
106	107	108	109	110
111	112	113	114	115
116	117	118	119	120
121	122	123	124	125
126	127	128	129	130
131	132	133	134	135
136	137			

Assistant superintendent

survey

PURPOSE: INVEST.; INSPECT.; PRELIM.; F.U.; CONF.; VISIT;

REASON: SELF-INIT.; O.D. REP.; COMPL.; REQUEST; SOURCE.

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS	ACCOMPLISHED		
		WRITTEN --- VERBAL	YES	NO	IN PROG.
Asbestos	10-12	1. USEM respirators			
		2. Maintain respirators			
		3. Modify LEV on mixers			
		a. change opening position			
		b. change charging procedure			
		4. Housekeeping program			
		5. Chest X-ray program			

SAMPLES COLLECTED 9 Impinger
(NO. & KIND)

TOTAL	9
-------	---

9 Asbestos dust - 1 blank

DETERM. MADE _____
(NO. & KIND)

TOTAL	10
-------	----

MEDICAL - O.D. REPORTED, NO. & KIND.

PUNCH CARD

YES ☒

NO ☐**FOLDER**

YES ☒ 1

NO ☐

REMARKS:

Survey done at mixing operation. Worker's exposed to various kinds of dust, asbestos mica, silica, antimony, trichloride, limestone and gypsum. I.H. attempted to sample while asbestos was being charged into mixer, or at least find out what was being charged while the sample was taken. USBM respirators approved for toxic dusts and organic vapors were diligently worn by employees while charging, several obviously for the I.H.'s benefit.

Charging may take as long as 1 hour for the large mixer, twice every 3 days. The smaller mixers take less time to charge and are used less frequently.

History of the Original Material

2000

PA STATE ARCHIVES

350 North Cecil, Philadelphia, PA 19104-0000

1944-1945 - 1946-1947 - 1948-1949 - 1950-1951 - 1952-1953 - 1954-1955 - 1956-1957 - 1958-1959 - 1960-1961 - 1962-1963 - 1964-1965 - 1966-1967 - 1968-1969 - 1970-1971 - 1972-1973 - 1974-1975 - 1976-1977 - 1978-1979 - 1980-1981 - 1982-1983 - 1984-1985 - 1986-1987 - 1988-1989 - 1990-1991 - 1992-1993 - 1994-1995 - 1996-1997 - 1998-1999 - 2000-2001 - 2002-2003 - 2004-2005 - 2006-2007 - 2008-2009 - 2010-2011 - 2012-2013 - 2014-2015 - 2016-2017 - 2018-2019 - 2020-2021 - 2022-2023 - 2024-2025 - 2026-2027 - 2028-2029 - 2030-2031 - 2032-2033 - 2034-2035 - 2036-2037 - 2038-2039 - 2040-2041 - 2042-2043 - 2044-2045 - 2046-2047 - 2048-2049 - 2050-2051 - 2052-2053 - 2054-2055 - 2056-2057 - 2058-2059 - 2060-2061 - 2062-2063 - 2064-2065 - 2066-2067 - 2068-2069 - 2070-2071 - 2072-2073 - 2074-2075 - 2076-2077 - 2078-2079 - 2080-2081 - 2082-2083 - 2084-2085 - 2086-2087 - 2088-2089 - 2090-2091 - 2092-2093 - 2094-2095 - 2096-2097 - 2098-2099 - 2100-2101 - 2102-2103 - 2104-2105 - 2106-2107 - 2108-2109 - 2110-2111 - 2112-2113 - 2114-2115 - 2116-2117 - 2118-2119 - 2120-2121 - 2122-2123 - 2124-2125 - 2126-2127 - 2128-2129 - 2130-2131 - 2132-2133 - 2134-2135 - 2136-2137 - 2138-2139 - 2140-2141 - 2142-2143 - 2144-2145 - 2146-2147 - 2148-2149 - 2150-2151 - 2152-2153 - 2154-2155 - 2156-2157 - 2158-2159 - 2160-2161 - 2162-2163 - 2164-2165 - 2166-2167 - 2168-2169 - 2170-2171 - 2172-2173 - 2174-2175 - 2176-2177 - 2178-2179 - 2180-2181 - 2182-2183 - 2184-2185 - 2186-2187 - 2188-2189 - 2190-2191 - 2192-2193 - 2194-2195 - 2196-2197 - 2198-2199 - 2200-2201 - 2202-2203 - 2204-2205 - 2206-2207 - 2208-2209 - 2210-2211 - 2212-2213 - 2214-2215 - 2216-2217 - 2218-2219 - 2220-2221 - 2222-2223 - 2224-2225 - 2226-2227 - 2228-2229 - 2230-2231 - 2232-2233 - 2234-2235 - 2236-2237 - 2238-2239 - 2240-2241 - 2242-2243 - 2244-2245 - 2246-2247 - 2248-2249 - 2250-2251 - 2252-2253 - 2254-2255 - 2256-2257 - 2258-2259 - 2260-2261 - 2262-2263 - 2264-2265 - 2266-2267 - 2268-2269 - 2270-2271 - 2272-2273 - 2274-2275 - 2276-2277 - 2278-2279 - 2280-2281 - 2282-2283 - 2284-2285 - 2286-2287 - 2288-2289 - 2290-2291 - 2292-2293 - 2294-2295 - 2296-2297 - 2298-2299 - 2300-2301 - 2302-2303 - 2304-2305 - 2306-2307 - 2308-2309 - 2310-2311 - 2312-2313 - 2314-2315 - 2316-2317 - 2318-2319 - 2320-2321 - 2322-2323 - 2324-2325 - 2326-2327 - 2328-2329 - 2330-2331 - 2332-2333 - 2334-2335 - 2336-2337 - 2338-2339 - 2340-2341 - 2342-2343 - 2344-2345 - 2346-2347 - 2348-2349 - 2350-2351 - 2352-2353 - 2354-2355 - 2356-2357 - 2358-2359 - 2360-2361 - 2362-2363 - 2364-2365 - 2366-2367 - 2368-2369 - 2370-2371 - 2372-2373 - 2374-2375 - 2376-2377 - 2378-2379 - 2380-2381 - 2382-2383 - 2384-2385 - 2386-2387 - 2388-2389 - 2390-2391 - 2392-2393 - 2394-2395 - 2396-2397 - 2398-2399 - 2400-2401 - 2402-2403 - 2404-2405 - 2406-2407 - 2408-2409 - 2410-2411 - 2412-2413 - 2414-2415 - 2416-2417 - 2418-2419 - 2420-2421 - 2422-2423 - 2424-2425 - 2426-2427 - 2428-2429 - 2430-2431 - 2432-2433 - 2434-2435 - 2436-2437 - 2438-2439 - 2440-2441 - 2442-2443 - 2444-2445 - 2446-2447 - 2448-2449 - 2450-2451 - 2452-2453 - 2454-2455 - 2456-2457 - 2458-2459 - 2460-2461 - 2462-2463 - 2464-2465 - 2466-2467 - 2468-2469 - 2470-2471 - 2472-2473 - 2474-2475 - 2476-2477 - 2478-2479 - 2480-2481 - 2482-2483 - 2484-2485 - 2486-2487 - 2488-2489 - 2490-2491 - 2492-2493 - 2494-2495 - 2496-2497 - 2498-2499 - 2500-2501 - 2502-2503 - 2504-2505 - 2506-2507 - 2508-2509 - 2510-2511 - 2512-2513 - 2514-2515 - 2516-2517 - 2518-2519 - 2520-2521 - 2522-2523 - 2524-2525 - 2526-2527 - 2528-2529 - 2530-2531 - 2532-2533 - 2534-2535 - 2536-2537 - 2538-2539 - 2540-2541 - 2542-2543 - 2544-2545 - 2546-2547 - 2548-2549 - 2550-2551 - 2552-2553 - 2554-2555 - 2556-2557 - 2558-2559 - 2560-2561 - 2562-2563 - 2564-2565 - 2566-2567 - 2568-2569 - 2570-2571 - 2572-2573 - 2574-2575 - 2576-2577 - 2578-2579 - 2580-2581 - 2582-2583 - 2584-2585 - 2586-2587 - 2588-2589 - 2590-2591 - 2592-2593 - 2594-2595 - 2596-2597 - 2598-2599 - 2600-2601 - 2602-2603 - 2604-2605 - 2606-2607 - 2608-2609 - 2610-2611 - 2612-2613 - 2614-2615 - 2616-2617 - 2618-2619 - 2620-2621 - 2622-2623 - 2624-2625 - 2626-2627 - 2628-2629 - 2630-2631 - 2632-2633 - 2634-2635 - 2636-2637 - 2638-2639 - 2640-2641 - 2642-2643 - 2644-2645 - 2646-2647 - 2648-2649 - 2650-2651 - 2652-2653 - 2654-2655 - 2656-2657 - 2658-2659 - 2660-2661 - 2662-2663 - 2664-2665 - 2666-2667 - 2668-2669 - 2670-2671 - 2672-2673 - 2674-2675 - 2676-2677 - 2678-2679 - 2680-2681 - 2682-2683 - 2684-2685 - 2686-2687 - 26

BY P. Bradley

BIH-17 LG

WINS 12

C.O.
December 14, 1967

Benjamin Foster Company
4635 West Girard Avenue
Philadelphia, Pennsylvania 19131

Attention: Mr. W. H. Kaal

Gentlemen:

A survey to reevaluate employees' exposures to asbestos-containing dust at the mixer charging operation was conducted on December 5, 1967 with the cooperation of Mr. D. Chow, Assistant Superintendent, and Mr. Kaal. Following a previous survey conducted on April 26, 1967, modifications were made at this operation.

Samples of airborne dust were collected with midget impingers containing 95 percent ethyl alcohol. Dust concentrations were determined from these samples using a standardized light filed microscopic technique and are presented in the attached table.

Exposures to asbestos-containing dust were less than the threshold limit value during charging operations (see table). The enclosed chute appeared to capture much of the dust generated while charging the mixers. Housekeeping is much improved throughout the plant. It should be noted, however, that dust levels may be expected to vary from time to time. Because of this, the following recommendations are made.

1. Continue your present program of preplacement and annual chest x-ray examinations for all employees exposed to dust.
2. Continue to require that approved respirators be worn during charging operations.

Thank you for your cooperation.

Very truly yours,

Leon T. Gonshor
Regional Industrial Hygienist

LTV/dor

Preservation of an Original Record
Please Credit:

PA STATE ARCHIVES

500 North Street, Harrisburg, PA 17120-0000
PA Historical & Museum Commission

*done
12-15-67*

Commonwealth of Pennsylvania

Department of Health
OCCUPATIONAL HEALTH

Dust Concentrations

Benjamin Foster Company
4635 West Girard Avenue
Philadelphia, Pennsylvania

Location	Dust* (millions of particles per cubic foot of air)	Remarks
Datch mixing room	2.2	General air, no charging
	1.9	Operator's breathing zone, start of charging operation
	4.6	Operator's breathing zone, charging asbestos into mixer
	1.4	General air, after charging large mixer

* Threshold limit value for asbestos-containing dust, based on exposure for an 8-hour working day-5 million particles per cubic foot of air.

Survey by:

Patricia Bradley
Industrial HygienistReproduction of the Original Record
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PA STATE ARCHIVES

500 North Second Street, PA 17102-0001

FBI/DOJ/PA State Archives

COMMONWEALTH OF PENNSYLVANIA

 DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT

 REGION VII
PROD. MFG. OR SERVICE adhesives
DATE OF ACTIVITY 12/5/67

EMPLOYEES	COUNTY
MALE <u>45</u>	<u>Phila.</u>
FEMALE <u>5</u>	IND. CODE
TOTAL <u>50</u>	<u>28</u>

PLANT

Benjamin Foster Company

ADDRESS

4635 W. Girard Ave., Phila. 19131

ZIP

19131

PHONE

PERSON INTERVIEWED

W. Kaal Donald Chew

TITLE

Plant Supt., Asst. Supt.

 PURPOSE: INVEST.; INSPECT.; PRELIM.; F.U.; CONF.; VISIT; survey

REASON: SELF-INIT.; O.D. REP.; COMPL.; REQUEST; SOURCE

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS	ACCOMPLISHED		
		WRITTEN --- VERBAL	YES	NO	IN PROG.
asbestos	10-12	1. Continue x-ray progress			
		2. Continue to wear respirators			
		during charging			

 SAMPLES COLLECTED
(NO. & KIND)

TOTAL

 DETERM. MADE
(NO. & KIND)

TOTAL

MEDICAL - O.D. REPORTED, NO. & KIND

PUNCH CARD

 YES ☒

 NO ☐

FOLDER

 YES ☒

 NO ☐

REMARKS:

Resurvey to determine effectiveness of modifications to charging procedures. Conditions asphy were much less dusty than during previous survey. Several large in bags of asbestos had to be dumped directly into floor opening, worker shook bag completely with LEV hood, dust appeared to be well captured. Then an enclosed chute is shoved into opening, fits tightly. Worker slits asbestos bag, shakes it down chute. Some dust still is visible, but most is captured by LEV. Workers area, charging mixer or handling empty bags, wore approved respirators which were clean and in good condition.

Mr. Chew has replaced Mr. Dugery, is too new to know just what is being done. He appears to be quite a "bug" on housekeeping, said he will have out what happened to the vacuum cleaner on order. Several workers have been sent for chest x-rays, the rest will be sent soon.

Dust levels turned out low, 4.6 mppcf during charging less than 3 mppcf with no charging.

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 800 North Street, Harrisburg, PA 17120-0000
PA Historical & Museum Commission

 by P. K. Bradley

 RIN ITC

(12.)

WINS

COMMONWEALTH OF PENNSYLVANIA
OA 502 5-65

OFFICE MEMORANDUM

12/11/67

TO

E. J. Bauer

FROM

Bush

Review & return: Doot Sawyer

B. Foster Co.

Phila.

P. F. Reg. 12/12/67
mld. to Reg. 12/12/67

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PA Historical & Manuscript Commission

MIN-19303 REV. 10'62

REGION VII
 PROD. MFG. OR SERVICE adhesives & coatings
 DATE 10/23/67

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF HEALTH
 OCCUPATIONAL HEALTH
FIELD ACTIVITY REPORT

EMPLOYEES
 MALE 45 Phila.
 FEMALE 5
 TOTAL 50 28

PLANT
 Foster Company, Benjamin

ADDRESS
 4635 W. Girard Ave., Phila. 19131

PERSON INTERVIEWED W.H. Karl

TITLE Plant Supt.

PURPOSE: INVEST.; SURVEY; INSPECT.; PRELIM.; F.U.; CONF.; VISIT;

REASON: SELF-INIT.; O.D. REP.; COMPL.; REQUEST; SOURCE

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS		ACCOMPLISHED		
		5/17/67 R	WRITTEN — VERBAL	YES	NO	IN PROG.
asbesto	10-12		Housekeeping program			X
			Investigation of an OSHA Hazard			

Preparation of an Original Record
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800 North Street, Harrisburg, PA 17126-0000
 PA Historical & Museum Commission

SAMPLES COLLECTED
 (NO. & KIND)

TOTAL

DETERM. MADE
 (NO. & KIND)

TOTAL

MEDICAL

O.D. REPORTED, NO. & KIND

REMARKS M. Dugery has resigned, is no longer with the company. A resurvey was planned, but

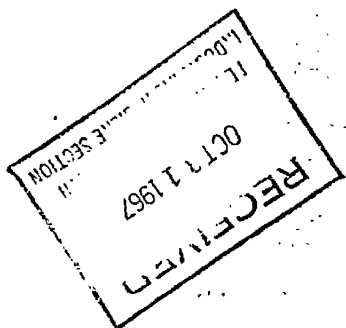
the large mixer was not being loaded and the smaller ones. P.K. Bradley LTC

PUNCH CARD ☒ YES ☐ NO FOLDER ☒ YES ☐ NO (over)

.5

would not be handling asbestos. Mr. K. checked the order slips, said a large batch would be mixed on Thursday, call before coming and he could even tell us what time. A telephone call Thurs. 10/26/67 revealed that the mixer had been loaded last night.

An attempt will be made to conduct the survey next week.



Preservation of the Original Record
Please Contact:

PA STATE ARCHIVES

400 North Second Street, Harrisburg, PA 17102-0002
PA Historical Museum Commission

NIH-19003 REV. 10/62

REGION VII

PROD. MFG. OR SERVICE

Adhesives & coatings 28

DATE 10/3/67

PLANT

Foster Company, Benjamin

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT

EMPLOYEES

MALE 45

Phila

FEMALE 5

TOTAL 50

28

ADDRESS

4653 W. Girard Avenue, Phila., Pa. 19131

PERSON INTERVIEWED Mr. E. Dugery

TITLE Assistant Superintendent

PURPOSE: INVEST.; SURVEY; INSPECT.; PRELIM.; F.U.; CONF. VISIT;

REASON: SELF-INIT.; O.D. REP.; COMPL.; REQUEST; SOURCE

215 - TR 8-8500

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS				ACCOMPLISHED		
		5/17/67	WRITTEN - VERBAL	YES	NO	IN PROG.		
asbestos	10-12	1 Housekeeping program					X	

Reproduction of an Original Record
Please Credit

SAMPLES COLLECTED

(NO. & KIND)

PA STATE ARCHIVES

215 - TR 8-8500

TOTAL

DETERM. MADE

(NO. & KIND)

PA Historical & Museum Commission

TOTAL

MEDICAL

O.D. REPORTED, NO. & KIND

REMARKS A visit was made to conduct a resurvey following compliance with our recommendations.

(Over)

BY P. Bradley (0.5) LTG

PUNCH CARD

☒ YES

☐ NO

FOLDER

☒ YES

☐ NO

10/6/67

However, no adhesives containing asbestos or other solid materials were being mixed. A telephone call on 10/4/67 to Mr. Dugery revealed that a mixer had broken down, little if any further mixing would be done this week. Survey will be scheduled for the near future.

A quick walk through the plant indicates housekeeping is still improving.

However, no adhesives containing asbestos or other solid materials were being mixed. A telephone call on 10/4/67 to Mr. Digery revealed that a mixer had broken down, little if any further mixing would be done this week. Survey will be scheduled for the near future.

A quick walk through the plant indicates housekeeping is still improving.

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OCT 19 1967

PENNA. DEPT. OF HEALTH
INDUSTRIAL HYGIENE SECTION

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PA Historical & Museum Commission

REASON: SI
SPECIFIC
CONT

Asbesta

SAMPLES COLLE
(NO. & KIND)

DETERM. MADE
(NO. & KIND)

MEDICAL - O.D. RE

PUNCH CARD

REMARKS:

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