FILE NAME: Benjamin Foster-Amchem (BFA)

DATE: 1967 Apr 26

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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. Chew, 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. Conshor
Regional Industrial Hygienist

LTC/der

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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
Batch 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:

Patrica Bradley
Industrial Hygienist

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