



Inter-company correspondence

to C. J. Zearnay - Bloomington

from T. C. Miller - T11

date August 21, 1970

subject BLOOMINGTON DUST COLLECTION

cc: F. O'H. Brisley - T12
J. H. Carl - T10
W. T. Harvey - T10
P. H. Klein - T10
D. S. Mertz - T11
F. H. Peetz - Bloomington
K. O. Preston - Bloomington ✓
S. H. Thomas - T11

The following project scope and cost estimate covers industrial hygiene problems in the asbestos mixing area and the edge trim saw area.

SCOPE

The Unarco board operation at Bloomington plant causes industrial hygiene problems due to the escape of asbestos fibers into the building environment. The principal problems are in the mixing and edge trim areas. In the mixing area, the raw asbestos fibers are manually dumped from a bag onto a transfer conveyor. This dumping allows asbestos fibers to escape into the building. A second serious problem in the mixing area involves the dust emanation from the mixers during preparation of a batch of slurry. The edge trim saws now in use present another serious problem due to the use of an inefficient exhaust system which allows a considerable amount of asbestos fibers to escape from the saws into the room.

It is proposed to design efficient collection hoods for the areas involved and transport the collected fibers to a fabric dust collector located on the south side of the building adjacent to an area now used for salvaged equipment storage. The installation of hoods in the mixing area will require a shutdown of this equipment. The new hoods at the two edge trim saws may be installed while one saw is kept in operation. The collector now located in the mixing area will be eliminated due to insufficient capacity.

The installation of the proposed system is expected to produce an environment in the mixing area that will contain no more than 5 fibers/ml asbestos concentration. Due to the traversing operation of the edge trim saws, it is expected that the 5 fiber/ml asbestos concentration will not be achieved in the immediate vicinity of the edge trim saws.

TIMING

Engineering - 7 weeks
Equipment - 24 weeks
Construction - 4 weeks
TOTAL PROJECT - 32 weeks

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ESTIMATE

The estimate does not contain funds for construction engineering, cost control, or building modification. Labor figures are based on 40 hour weeks at an average skilled hourly figure of \$10.32/Hr.



T. C. Miller
Environmental Control Engineering
Special Products Division

TOM/clh

Attachment

KEITH,

I FOUND OUT AFTER THIS WAS COMPLETE
THAT A TOTAL ESTIMATE FOR FOAM AND
ASBESTOS COLLECTION WAS DESIRED. THIS
WILL FOLLOW IN ABOUT THREE WEEKS AND WILL
INCLUDE FUNDS FOR COST CONTROL, CONST.
ENGINEERING, ETC



August 18, 1960
Bloomington

AIRTEL

T. C. Miller

DISCONTINUITY ABELSTOS LIFTH CONTROL

[illegible]

Robert A. Frost
9-24-70

CC-21-153-72

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