

L. B. EVERETT ASSOCIATES

MANAGEMENT SAFETY CONSULTANTS

134 TUDOR OVAL, WESTFIELD, N. J. 07090 • TELEPHONE 232-7429

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July 19, 1973

LEGAL DEPARTMENT

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Mr. Matthew Sestonic
Asbestos Information Association
of North America
22 East 40th Street
New York, New York

Dear Mr. Sestonic:

This will confirm my recent telephone conversations with you concerning a proposal to develop a satisfactory bulk container for shipping asbestos from the Canadian mines to manufacturing plants in the United States, as a practical, economical substitute for paper bags.

With the advent of OSHA regulations, there is a desperate need to replace the bag, since, from a material handling standpoint, it contributes largely to the health hazard to American workers.

Based upon 14 years experience as a professional safety consultant, who has had a number of clients who use asbestos in large quantities, and as safety director and chemical engineer with the Bakelite Division of Union Carbide for 18 years, I recognize that there is an obvious need for minimizing the health hazard to industrial employees from asbestos in four main operations:

1. Unloading of asbestos bags from box cars.
2. Warehousing of bagged asbestos.
3. Weighing and charging asbestos into processes systems.
4. Packing out finished products containing asbestos.

In addition to the above, there is the need for reducing the exposure of employees to asbestos at the mines, where the raw material is packed and readied for shipment.

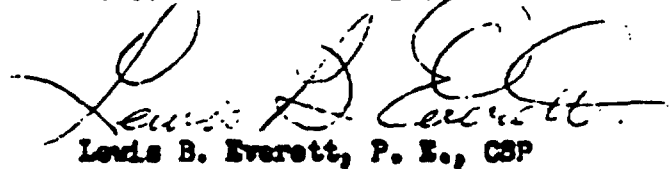
It is the writer's belief that a major breakthrough can be achieved in minimizing the health hazard to employees to a point that will meet the present OSHA Asbestos Standard 1910.93a and the proposed standard of "2 fibers

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I trust that this proposal will meet with your approval. If so,
please endorse one copy of this letter contract and return to the writer.

Sincerely yours

L. B. EVERETT ASSOCIATES

A handwritten signature in cursive script, appearing to read "Lewis B. Everett".

Lewis B. Everett, P. E., CSP

LEE:was

Approved:

Asbestos Information Association of North America

Date

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PGAF

III. Development Proposal

- A. Fabricate one 125 ft.³ bulk container for asbestos.
- B. Conduct rigorous tests on above container to determine:
1. Moisture pickup
 2. Degree of packing
 3. Ease of handling with standard equipment
 4. Integrity of system
 5. Ease of charging and discharging
 6. Adaptability to standard venting equipment
 7. Anti-leak characteristics
 8. Anticipated life as returnable container.
(Present estimate 8 - 10 years)
 9. Anticipated cost of basic 125 cu. ft. container in lots of
25 -- \$460.00*. (aluminum construction higher).
- C. Facilities available within 100 miles of New York-Philadelphia area for environmental and accelerated testing program.
- D. Cost of Development

1. Fabrication of 125 ft. ³ test container	\$1,000.00
2. Engineering & developmental expense	<u>1,500.00</u>
Total	\$2,500.00

Note 1 -- Cost of shipping container to Canadian Mines, filling and shipping back to United States testing site is not included in above cost.

Note 2 -- Half of Engineering and Developmental Expense (\$750.00) payable on acceptance of proposal. Remaining cost (\$1,750.00) payable within 30 days of completion of testing program.

Note 3 -- Asbestos used in testing program to be supplied by client and will be returned, if desired, at client's expense.

Note 4 -- Fabrication of proposed bulk container will begin within two weeks of contract agreement.

longer than 5 micrometers, per cubic centimeter of air", effective July 1, 1976. This can be accomplished by utilizing a bulk container of a new proposed design, that will replace the present bag. The substitution of this new container will provide savings for both the producer and the purchaser of asbestos. Moreover, there is a strong possibility that the use of this new proposed bulk container will assure higher standards of asbestos quality control than are presently achieved with bags.

SUMMARY OF PROPOSAL:

L. B. Everett Associates, working in conjunction with a reputable container manufacturer, offers the following developmental proposal to the Asbestos Information Association of North America:

I. Benefits of New Bulk Container

The substitution of this new bulk container should provide the following benefits:

- A. Minimal worker exposure to asbestos in basic operations 1, 2 and 3 (listed above, page 1).
- B. Greatly reduced personal and environmental monitoring as called for in OSHA Standard 1910.93a (f).
- C. Reduced cost of posting, labeling, housekeeping, monitoring, record keeping, etc. in relation to OSHA Standard 1910.93a.
- D. Savings by Canadian suppliers and American purchasers of asbestos as a result of economies in bulk handling and freight costs.
- E. Possible higher standards of quality control of asbestos from mine to ultimate user.

II. Container Specifications

The general specifications for the proposed new bulk container would be as follows:

- A. Special metal bin design to permit rapid filling and unloading.
- B. Air-tight container with excellent seals to prevent contamination and assure moisture control.
- C. Modular sizes to permit standard net weights.
- D. Special design to permit efficient, safe stacking with standard fork lift trucks or overhead hoists.
- E. Container available in steel or aluminum.