

LEAD INDUSTRIES ASSOCIATION

420 LEXINGTON AVENUE

NEW YORK 17, N. Y.

SUBJECT TO REVISION

INDUSTRY DEVELOPMENT COMMITTEE

LEAD INDUSTRIES ASSOCIATION

New York, N. Y.

May 19, 1955

A meeting of the Industry Development Committee of the Lead Industries Association was held in the office of the Association on Thursday, May 19, 1955, at 3:00 P.M.

PRESENT

John J. Lennon
W. B. Clancy
A. R. Mars
L. V. Whitton

C. R. Ince
G. M. LeFevre

REPRESENTING

American Metal Co. Ltd.
American Smelting & Refining Co.
Carro de Pasco Corp.
Consolidated Mining & Smelting Co. of
Canada, Ltd.
St. Joseph Lead Co.
United States Smelting Refining & Mining Co.

Robert L. Ziegfeld, Secretary-Treasurer

The meeting was called to order at 3:00 P.M.

RADIATION SHIELDING

A recommendation of the Association's Technical Steering Committee that a consultant in the nuclear field, such as Drs. Borst or Dunning, be retained to work with a "Q-cleared" member of the LIA staff on lead for radiation shielding was first considered.

In general the Committee agreed with the Technical Steering Committee but felt that a firm of consultants which had broad experience in actual design and construction of hot laboratories and similar facilities, could do a better job than any individual.

It was finally decided that the secretary should investigate several individuals and engineering companies on the cost and possibilities of their making a survey for the Association to determine the potentialities of lead as a nuclear shielding material and that, if anything, might be done by the industry to realize these potentialities to the fullest extent.

It was also recommended that a member of the LIA staff be "Q-cleared" in the meantime.



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A request of the Oak Ridge National Laboratory, asking assistance of the Association in obtaining samples of extremely nonradioactive lead for test purposes was next considered.

It was felt that the chances of finding consistently nonradioactive lead were very limited due to the variable sources of supply to most smelters. Nevertheless, the secretary was instructed to circulate the letter and request assistance from the primary smelters, eliminating the secondary smelters for the reasons stated in the letter from Oak Ridge itself.

CERAMICS

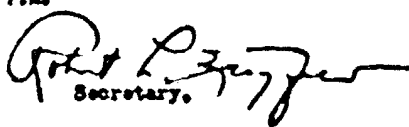
The recommendation of the Technical Steering Committee that a ceramic expert be retained to make a study of the potentialities of lead in the ceramic industries and how the Association might act to realize them to the fullest was discussed. The Technical Steering Committee had suggested such experts as Dr. Scholes of Alfred University and Mr. J. J. Svec of "Ceramic Industry" Magazine.

The secretary stated that since the Technical Steering Committee meeting he had had a detailed proposal of what might be done from Mr. Svec, copy attached. The secretary further stated that he was convinced of the potentialities and that a survey would not be necessary. He pointed out that 20,000 tons of lead was already being used yearly in the ceramic industries and that Mr. Bricker of the DuPont Company had estimated that by 1970 another 60,000 tons might be used for the porcelain enameling of aluminum. He added that Mr. Svec, in his talk before the Association's annual meeting, had estimated the total potentialities in six digits.

The secretary suggested that the Association adopt an approach similar to the one successfully used with red lead paints, namely to form a small committee of qualified technical representatives of member companies making lead products used in the ceramic industries, to engage an outside ceramic expert to serve as consultant and impartial chairman of this committee, and then to circulate, through technical letters and trade paper advertising, information as to formulations for various purposes and as to the safety of using lead compounds.

The secretary was instructed to form such a committee as quickly as possible, to interview experts which they might recommend, and to report back to the Industry Development Committee.

Meeting adjourned at 4:45 P.M.


Secretary.