

LEAD INDUSTRIES ASSOCIATION

450 LEXINGTON AVENUE

NEW YORK 17, N. Y.

August 24, 1955

SUBJECT: ADDITIONAL
APPROPRIATIONS
INDUSTRY DEVELOPMENTTo the Executive Committee of the
Lead Industries Association

The Industry Development Committee of the Association at a meeting on August 18, 1955, recommended to the Executive Committee of the Association two additional appropriations for new activities in the fields of:

1. Nuclear radiation shielding
2. Ceramics

This meeting was attended by the following members:

J. J. Lennon	The American Metal Co. Ltd.
S. D. Stinson	American Smelting & Refining Co.
A. R. Vera	Cerro de Pasco Corp.
L. V. Whitton	Consolidated Mining & Smelting Co. of Canada, Ltd.
C. R. Inc.	St. Joseph Lead Co.
G. H. LaFevre	United States Smelting Refining & Mining Co. Inc.

RADIATION SHIELDING

On recommendation of the Technical Steering Committee of the Association, the Industry Development Committee had instructed the secretary at a previous meeting to obtain proposals from leading firms of nuclear consultants for a survey of the use of lead for nuclear radiation shielding and its competitive position in this market.

The secretary thereupon obtained proposals for a survey from three highly recommended firms:

Walter Kilde Nuclear Laboratories, Inc.
Nuclear Development Associates, Inc.
Vitro Engineering Division, Vitro Corp. of America

The proposals ranged from \$2,500 to \$10,000, for a survey to be completed in three to four months.

SINCE THE Committee felt that all three firms were well qualified to make the survey, it has recommended acceptance of the lowest bid which was made by Walter Kilde Nuclear Laboratories, Inc.



Executive Committee

August 24, 1955

-2-

It therefore recommended to the Executive Committee approval of an appropriation of \$2,500 for this purpose, to be paid from the surplus in the Industry Development Fund this year, which will amount to approximately \$15,000.

CERAMICS PROGRAM

Again on the recommendation of the Technical Steering Committee, the Industry Development Committee, at a previous meeting, had instructed the secretary to form a committee of the best informed representatives of member companies selling to the ceramics industries, to explore the possibility of an Association program to expand the use of lead in the ceramics industries, which now amounts to some 20,000 tons of metal per year.

The secretary thereupon met with representatives of:

E. I. duPont de Nemours & Co. Inc.
 Eagle-Picher Co.
 Euston Lead Co.
 Hammond Lead Products Inc.
 Evans Lead Division, National Lead Co.
 Titanium Alloys Manufacturing Division, National Lead Co.

who generally agreed that a properly designed technical program could substantially expand the use of lead in the ceramics industries, particularly due to the recent rapid growth in the production of porcelain enameled aluminum, the enamel for which averages about 40 percent lead content. It felt that a potential of two to four times the present market will exist.

This committee recommended a program consisting of the following:

1. To engage the services of a recognized ceramics authority as a consultant.
2. To publish a complete manual on the use of lead in the various branches of the ceramics industries.
3. To follow up publication of the manual with supplements containing further data on lead products of use to the ceramics industries, to be loose-leaf bound from time to time in the original manual.

These recommendations of the Ceramics Committee were approved by the Industry Development Committee which recommended that the Executive Committee approve an appropriation of \$18,000 for a program, starting as soon as possible and running to the end of 1956, about 16 months. The recommended budget follows:

CERAMICS PROGRAMRECOMMENDED BUDGET

Sept. 1, 1955 - Dec. 31, 1956
 (16 months)

Publication of Manual	\$ 5,000
Supplements to Manual	2,000
Mailing	1,000
Consulting Fees	5,000
Staff Time	3,000
Travel	1,000
Miscellaneous	1,000
	<u>\$18,000</u>

Executive Committee

August 24, 1955

-3-

It was further recommended that the expense of this program for the balance of 1955 be paid out of the \$25,000 surplus now existing in the Industry Development Fund, and that the 1956 activities be paid out of the 1956 Industry Development Fund and any surplus in the 1955 fund existing at the end of this year.

APPROPRIATIONS

As a member of the Executive Committee, won't you please execute the attached ballot on the aforementioned recommended appropriations so that if approved, the work may be undertaken as quickly as possible and so that any report on the survey in the field of nuclear radiation protection may be received by the Association before the Board meets for consideration of 1956 Association programs.

Sincerely yours,

Robert L. Zuyfer
Secretary

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BALLOT

I approve _____

I oppose _____

appropriation of \$2,500 from the Industry Development Fund for a survey of lead's position as a nuclear radiation shielding material, the survey to be completed in three to four months.

I approve _____

I oppose _____

appropriation of \$18,000 from the 1955 and 1956 Industry Development Funds for an educational program on the use of lead in ceramics, as outlined in the secretary's letter of August 24, 1955.

(Name)_____
(Company)