BOARD OF DIRECTORS MEETING MINUTES

New York, N. Y. September 26, 1957

A meeting of the Board of Directors of the Lead Industries Association was held on Thursday, September 26, 1957 at the office of the Association.

PRESENT	REPRESENTING
Andrew Fletcher, Chairman	St. Joseph Lead Co.
Jean Vuillequez	American Metal Co. Ltd.
S. D. Strauss	American Smelting & Refining Co.
J. D. Bradley	The Bunker Hill Co.
M. M. Zoller	The Eagle-Picher Co.
K. W. Green	Electric Storage Battery Co.
J. A. Costello	Ethyl Corp.
Wm. Wilke, III	Hammond Lead Products, Inc.
Clarance Glass	International Smelting & Refining Co. (Anaconda Sales Co., Agents)
J. A. Martino	National Lead Co.
G. H. LeFevre	United States Smelting Refining & Mining Co.

OTHERS

D. A. Merson	National Lead Co.
W. J. Welch	do
C. M. Chapin, Jr.	St. Joseph Lead Co.
C. R. Ince	do
F. E. Wormser	do

Robert L. Ziegfeld, Secretary-Treasurer

The meeting was called to order at 11:15 A.M., with Mr. Fletcher in the chair.

The minutes of the previous meeting of April 24, 1957 were approved.

REPORT OF THE SECRETARY

The Secretary reported on the progress of the Association activities for 1957 to date and a copy of his report is attached as exhibit "A". The secretary was instructed to mail a copy of his report to each member of the Association.

The secretary further reported that on a recent visit to San Francisco Mr. J. D. Bradley had kindly arranged for several conferences with Mr. John B. Rodgers a partner in the firm of Skidmore, Owings & Merrill, which is one of the country's leading architectural firms. The purpose of these conferences was to explore possible means of expanding the markets for lead products in the building construction field with particular references to the changing types of construction now being used. It developed that this firm, in addition to its normal architectural practices,

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Exhibit "A"
Board of Directors Meeting
September 26, 1957

PROGRESS REPORT ON LEAD INDUSTRIES ASSOCIATION ACTIVITIES

January 1 to September 25, 1957

Both the promotional and research programs of the Lead Industries Association this year are proceeding on schedule as approved.

Several research projects of interest have been initiated in addition to those research projects of long standing which are directly connected with Association promotional programs. The Technical Sterring Committee has been active and valuable in initiating research programs and evaluating others.

Of prime importance is a contract entered into with Battelle Memorial Institute, on recommendation of the Technical Steering Committee, for "Evaluation of Research Needs and Formulation of a Research Program for the Lead Industries Association," at a cost of $20,000. The actual work on this survey was started around the end of May and a final report is expected in November or December. Battelle has kept in close touch with the Association offices through frequent visits and has issued brief monthly progress reports which have been circulated to the Technical Steering Committee. A meeting at Battelle of the Technical Steering Committee is tentatively being arranged for the latter part of October to discuss, in a preliminary way, Battelle's findings so far.

Through the Cable Sheathing Task Group of the Technical Steering Committee, the John Robertson Co., leading American manufacturer of lead extrusion presses, is undertaking a research program, at its own expense, on the continuous extrusion of the lead alloys commonly used for cable sheathing. An experimental press is now under construction and it appears that this press may be ready for experimental work in another couple of months.

A large part of the manuscript for the Monograph on Lead, to be published by the American Chemical Society, is now in our hands and a recent check indicates that much of the balance is either in preparation or already prepared and awaiting final approval. As it was found that some out-of-pocket expense would be necessary to complete the manuscript in the most authoritative manner, the Industry Development Committee has been asked to approve an expenditure of up to $3,000 for payment of authors of certain parts and editorial assistance, with the expectation that most if not all of this money, will be recovered through royalties on the sale of the book after publication.

A joint research project with the Navy on a red lead ship bottom paint, developed and tested by the Red Lead Technical Committee, has been completed after three years. The results were favorable to the new red lead paint in that the performance equalled a more expensive and difficult to manufacture Navy paint containing no red lead. This test should be good ammunition for further promotion in the shipping and ship building industries. In this connection it is interesting to note that we recently received a letter from the New York Shipbuilding Co. at Camden, N.J., stating that they were shifting over from zinc chromate to red lead paints

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We have contracted for two four-page catalogs, one on plumbing and one on roofing and flashing, to appear in the 1958 edition of Sweets Catalog. The third in our series of Lead Building Construction Bulletins will be published before the end of the year and we issued a new leaflet on lead flashing for the small home.

The Solder Committee has virtually completed its work on the Soldering Handbook, to be published by the American Welding Society probably sometime in 1958.

The chapter on lead for the American Chemical Society Monograph on Corrosion is being revised by Mr. Mullarkey and he also prepared the annual review on lead for "Industrial & Engineering Chemistry" and an article on the use of lead in the oil refining industry for "Petroleum Refiner."

In radiation shielding field, secret "Q" clearance was obtained on Mr. Mullarkey and he has visited a number of atomic installations, including Oak Ridge. He has gathered material which has been helpful for publicity purposes.

We have also been asked for suggestions for a chairman and members of an ASTM committee to work on specifications for lead radiation shielding and have cooperated with several governmental and private agencies, such as the Wright Air Development Center and Lockheed Aircraft, who are undertaking research programs on lead as a shielding material.

As time goes on our health and safety work more and more demonstrates its value in protecting our markets and avoiding governmental regulations onerous to our industry. Much of it has involved research.

Right now the American Water Works Association is considering a revision of its specification for the painting of interiors of water tanks which has traditionally specified red lead paint. The public health service has questioned the safety of this practice but the research work we have done over the past seven years through the Massachusetts Department of Occupational Hygiene should be invaluable in proving that red lead paints offer no toxic hazard, thus protecting this specification.

The American Standards Association subcommittee on lead, of which Mr. Bowditch is chairman, was instrumental in a revision of the American Conference of Governmental Industrial Hygienists' safe allowable limit for lead in the air which increased the limit from 1.5 to 2.0 milligrams per 10 cubic meters, or 33-1/3 per cent. The ASA subcommittee is now working on possible further increases for certain inorganic lead compounds.

With the publication of three reports the study of childhood plumbism, financed by LIA at Johns Hopkins Hospital, came to a close and our work at the Children's Medical Center at Boston continues but at greatly reduced cost.

Our publication "Lead" is now being published on a quarterly basis and circulated to nearly 50,000 users and prospective users on lead. The value of the inquiries received from this publication indicate that an increase in its distribution may well be warranted.

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