

LEAD INDUSTRIES ASSOCIATION

60 EAST 42ND STREET

NEW YORK 17, N. Y.

October 28, 1959

MEMORANDUM: METALLIC LEAD PRODUCTS
ADVISORY COMMITTEE, 1959-1960To the Advisory Committee of the
Metallic Lead Products Division

I am attaching a memorandum summarizing, as briefly as possible, LIA activities more or less directly related to metallic lead products during 1959, together with some activities that should be considered for 1960.

These will be among matters for discussion at the committee meeting on November 5, 1959. I hope that this memorandum will facilitate the discussions at that time.

Very truly yours,



Secretary

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METALLIC LEAD PRODUCTS ACTIVITIES, 1959

Below are listed some of the LIA 1959 activities which had a direct bearing on the promotion of metallic lead products.

1. Architectural Flyers and Construction Bulletins. Three of these will have been circulated to architects and builders by the year end dealing with such subjects as lead gutter linings and flashing and building antivibration pads.
2. Sweet's Catalogs. Two four-page, two-color inserts, one on lead plumbing and one on lead roofing and flashing, were again included in Sweet's Catalogs for Architects and Light Construction Builders.
3. Solder Handbook. The Solder Handbook, prepared by our Solder Committee, was completed and published by the American Welding Society.
4. Batteries. A brochure on the advantages of battery-powered industrial trucks was prepared, with distribution planned for before the year end.
5. Reprints. A reprint of an article on "Lead-Acid Brick Systems in Chemical Plants" and another on lead lining of wood tanks were distributed to our chemical construction mailing list, and the annual review article on lead technical developments was prepared for "Industrial and Engineering Chemistry," reprinted, and given wide circulation.
6. Shielding. A comprehensive article on packaged reactors, including shielding, was prepared for "Materials in Design Engineering." The editors have informed us that it has been accepted for publication, and, when scheduled, we expect to purchase a quantity of reprints for our own distribution. A staff member is serving on an ASTM committee to prepare standards for lead shielding.
7. Publicity. A modest publicity program covering all lead products has resulted in publication of a number of articles relating to the use of metallic lead products.
8. Exhibits. Metallic lead products were among the lead products featured at the Design Engineering Show, the Chemical Show, the Home Builders Show, and the Plumbing Contractors Show.
9. Plumbers' Apprentices. We supplied a judge, an instructor, materials and prizes for the annual plumbers' apprenticeship contest and instructors' training courses. We also sold some 600 copies of our textbook, "Lead Work for Modern Plumbing," during the year.

Metallic Lead Products Activities, 1959-1960

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10. Advertising. We used six pages in "Engineering News-Record" devoted exclusively to metal products in construction. Also, six pages in "Materials in Design Engineering" and seven in "Product Engineering" were devoted to a variety of lead products including metal products.

11. Anodes. A close watch on the development of lead alloy impressed current anodes has been kept as considerable research and experimental work is being done on them by others. Material has been gathered for technical publicity purposes. An LIA staff member is serving on two National Association of Corrosion Engineers' committees dealing with them for ship hull and pipe line protection.

12. Technical Service. One man devoted full time to field work in the construction industry and four more part of their time in providing technical service on metal products. Among areas receiving attention were sound and vibration attenuation, chemical construction, radiation shielding, impressed current anodes, as well as building construction.

METALLIC LEAD PRODUCTS ACTIVITIES, 1960

While most of the foregoing activities should be continued in 1960, certain other activities must be considered, particularly inasmuch as our Expanded Research Program is beginning to produce results which need promotion to industry. These additional activities follow:

1. Textbook. The supply of our plumbers' textbook, which has gone through three printings and is a self-liquidating expense, is almost exhausted. We should reprint about 3,000 copies at an estimated cost of about \$3,000.00. This supply should last three to five years with the cost being recovered over that period of time.

2. Cable Sheathing. The research project to perfect continuous extrusion of lead alloy cable sheathing has been successfully completed, and a final report is being prepared. LIA should be ready to make these results available to cable makers and the power and communications industries through brochures, publicity and, perhaps, advertising.

3. Sound Attenuation. A report containing engineering data on this use of lead is being prepared by our acoustical consultants. Again, advertising and technical promotion during 1960 will probably be dictated by this report.

4. Vibration Attenuation. This research project will probably be completed during 1960 and, if successful as anticipated, will need advertising and promotion later in the year.

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5. Architectural Handbook. An architectural handbook on sheet lead for buildings was proposed for 1959. Its publication was approved, but only \$8,000.00 of an estimated cost of \$15,000.00 was approved in the 1959 budget. Since 1959 subscriptions were lower than estimated, all work on this project was postponed. Consideration might be given to provision for part of the publication cost in 1960.

6. Anodes. It is possible that work by others may reach a point where some promotional expense on our part may be justified.

W. L. Ziegler
Secretary

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