

## LEAD INDUSTRIES ASSOCIATION

292 MADISON AVENUE

NEW YORK 17, N. Y.

July 5, 1961

QUARTERLY REPORT OF THE SECRETARYAPRIL 1 TO JUNE 30, 1961

The following report covers the highlights of Association activities for the second quarter of 1961. More detailed information on these activities or others not enumerated will be supplied on request. No attempt has been made to cover routine activities, and research is covered in a separate report of the research director.

GENERAL

1. Annual Meeting. Another successful annual meeting of LIA was held at Chicago on May 2-3, 1961. It was attended by 85 representatives of member companies and 62 guests.
2. Information Bulletins. Three of these bulletins were circulated to members during the quarter.
3. Statistics. Certain statistics were prepared for the Year Book of the American Bureau of Metal Statistics, and the introduction to the lead section of that book was written.
4. Lecture. For the tenth successive year graduate students at Newark College of Engineering heard lectures on "Lead as an Engineering Material" presented by LIA. They were given before an audience of 125 by LIA's S. W. Turner and Bruce Fader on the evenings of May 15 and 17, 1961.
5. Staff. An addition was made to the staff during the quarter. Jerome F. Smith will assist in providing technical service and technical writing.
6. Battery Conference. The annual Power Sources Conference sponsored by the Signal Corps was attended.
7. Literature Abstracting Service. A proposal to give financial support, along with American Zinc Institute and ERP, to an expanded literature abstracting service by the Zinc Development Association of London was presented to the Industry Development Committee, which approved.

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#### HEALTH AND SAFETY

8. Philadelphia Clinic. A one-day clinic on childhood lead poisoning, sponsored by the Philadelphia Health Department, was held in May and was attended by medical people, representatives of business and those with a public interest in the problem. LIA was given an opportunity to present a résumé of its position with respect to this problem and to outline its past activities towards its control. The purpose of the meeting was to explore possible control measures to be initiated in Philadelphia.

9. Meeting. The annual meeting of the American Industrial Hygiene Association was attended.

#### INDUSTRY DEVELOPMENT--GENERAL

10. Design Engineering Exhibit. LIA had a 20-ft exhibit booth at the Design Engineering Show held this year in Detroit. This was perhaps the most successful exhibit LIA has ever presented from the standpoint of both general interest and specific inquiries.

11. "Lead." The first 1961 issue of "Lead" was mailed in April and the second issue prepared for mailing in July. As provided in the budget, several thousand additional names were added to the mailing list.

12. Advertising. Two one-page ads in our "Newsletter" series appeared in "Product Engineering" and one in "Materials in Design Engineering" during the quarter. These dealt with lead zirconate-titanate piezoelectrics and uses of lead because of high density, which often saves space and weight.

#### INDUSTRY DEVELOPMENT--METAL PRODUCTS

13. Lead Welding. A revised and expanded chapter on this subject appeared in a new edition of the "Welding Handbook" published by the American Welding Society. It was prepared by a committee of representatives of members and lead burning contractors under the chairmanship of LIA's David M. Borcina.

14. Plumbing Contractors' Show. LIA exhibited at the annual convention of the National Association of Plumbing Contractors in Cobo Hall, Detroit, in June.

15. Advertising. Two one-page ads on the use of lead for radiation shielding appeared in "Engineering News-Record."

16. Meetings. The annual meetings of the American Institute of Architects and the Construction Specifications Institute and the spring conferences of the Building Research Institute were attended.

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17. Lead-Illuminated Windows. In view of the growing interest in pools, fountains and planters as architectural features in new buildings, Giffels & Rossetti of Detroit, one of the country's leading architectural and engineering firms, was contacted in connection with their extensive use of such lead-illuminated features in Detroit's new mammoth exhibition hall, Cobo Hall. Detailed drawings, specifications and photographs were obtained for educational and promotional purposes.

18. Government Specifications. As a result of personal visits, the FHA, GSA, and Army Engineers have all invited LIA suggestions for revision of Government specifications for flashings to permit better and broader use of lead in Government construction.

19. Ammunition. A meeting was held with the Sportsman's Service Bureau, affiliate of the Sporting Arms and Ammunition Manufacturers Association, to lay out a program to promote shooting that could be adopted by LIA members in their own plants and communities.

#### INDUSTRY DEVELOPMENT--CERAMICS

20. Luncheon Meeting. LIA and ERF again entertained at a luncheon meeting during the annual meeting of the American Ceramic Society. Professors supervising ceramic fellowships were the guests to meet with the Ceramics Technical Committee and LIA and ERF staff.

21. Advertising. During the quarter, two one-page ads appeared in each of the following: "American Ceramic Society Bulletin," "Ceramic Age," "Ceramic Industry" and "Metal Products Manufacturing." Subjects covered were porcelain enamel, aluminum and glazes for clay products.

#### INDUSTRY DEVELOPMENT--PIGMENTS

22. Advertising. Plans for a modest campaign in trade magazines reaching paint manufacturers, as recommended previously by the Pigments Technical Committee, were presented to the Industry Development Committee and approved. Material for Technical Newsletter type ads is being gathered from the Pigments Committee.

23. Pearlescent Pigments. At a meeting with the vice president in charge of styling at General Motors it was learned that, despite his desire to apply pearlescent finishes to many more GM cars than the show and special models on which they are now being used, the toxicity of lead and the difficulty of obtaining reproducible results when repainting damaged cars in the field were the main deterrents. The latter problem is being taken up with manufacturers of the paints and pigments involved.

24. Technical Letter. Copy was completed for a new Pigments Technical Letter to summarize all previous Letters, most of which are now out of print, and was turned over to the printer.

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INDUSTRY DEVELOPMENT--NOISE AND VIBRATION

25. "Ways to Reduce Press Vibration." An article with this title appeared in the April 1961 issue of "Publication Management." It was prepared by LIA in cooperation with William Ginsberg and Associates, architects and engineers specializing in newspaper plants, and described the use of lead-asbestos antivibration pads.

26. Advertising. During the quarter, two one-page ads appeared in "Machine Design," two in "Progressive Architecture," and one in "Engineering News-Record," all based on the use of lead for noise control.

27. Automobiles. As a result of a meeting with the vice president in charge of styling of General Motors, facts about and samples of lead-bearing sound control materials were presented to a number of GM engineers in Styling, Fisher Body, Engineering, Manufacturing, Industrial Hygiene and Harrison Radiator. Both Fisher Body and Manufacturing plan to make some preliminary tests on these materials on bodies and on noisy plant machinery.

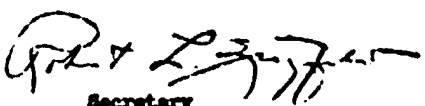
28. Reprints. Reprints of the article on "Lead Sound Barriers," which appeared in "Progressive Architecture" in March and was mentioned in the last report, were obtained and distributed to members, with a sufficient supply remaining for use in handling inquiries.

29. Pan-Am Building. In order to clear up misunderstandings about the performance of lead-asbestos pads for building foundations, a three-hour meeting was held with James Ruderman, structural engineer for the Pan-Am Building, and Thomas Meersheimer, terminal engineer of the New York Central Railroad. It is felt that the outcome of the meeting was most satisfactory to all concerned without making any unsubstantiated claims about the performance of the pads.

INDUSTRY DEVELOPMENT--BATTERIES

30. Reprints. The Association-prepared article, "Electric Trucks Take Over Short Route Runs," which appeared in the March 1961 issue of "Food Processing" was reprinted and circulated to members, with an adequate supply remaining for use in answering inquiries on the subject of battery-powered street delivery trucks.

31. Battery-Powered Automobiles. A new factor in this field, visited during June, is Stuart Motors in Kalamazoo, Michigan. This car has been designed from the ground up for battery power and is expected to sell for \$1,500 to \$1,600. It has a Fiberglas body and can be used either as a small passenger car or delivery truck. Willys Motors is also surveying this field as a manufacturer of specialized types of vehicles, such as the Jeep, and was also visited in June.

  
Secretary

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