

LEAD INDUSTRIES ASSOCIATION

60 EAST 42ND STREET

NEW YORK 17, N. Y.

July 7, 1959

QUARTERLY REPORT OF THE SECRETARY

APRIL 1 TO JUNE 30, 1959

The following report covers the highlights of Association activities during the second quarter of 1959. 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 A highly successful annual meeting was held at the Drake Hotel, Chicago, on April 22 and 23. Copies of most of the papers presented were made available to members, and several were reprinted in part or in full in publications serving the trade.

2. A.B.M.S. Year Book The introductory page of the section on lead to appear in the Year Book of the American Bureau of Metal Statistics was prepared.

3. Information Bulletins Two such bulletins were circulated to members during the quarter.

HEALTH AND SAFETY

4. State Legislation The legislative sessions of virtually all the states having terminated during the quarter, it is gratifying that the several regulatory proposals causing us concern are now in reasonably satisfactory status. For the most part, on subjects of warning labeling, these have been bills introduced in California, Illinois, Indiana, Montana, New Jersey and Washington. The cooperation of the Manufacturing Chemists' Association and the National Paint, Varnish and Lacquer Association, both far more adequately staffed for this sort of "watch dog" work than are we, has been helpful.

5. Childhood Lead Poisoning Apart from dealing with the day-to-day problems which seemingly have no end, major importance in the field of childhood plumbism has attached to our participation in the activities of the committee advisory to the Philadelphia Health Department on this subject, and to the criteria for diagnosis developed at our instigation. These were published by the Public Health Service in May and were distributed to our members in June.

6. Conference Proceedings Re-editing of the Proceedings of the November Lead Hygiene Conference has been completed. Publication by the end of August, as a quarto volume of some 85 pages, priced at \$3.00, is anticipated. Complimentary copies will go to our members and to all who attended the conference.



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7. TV Our continuing efforts to reach a satisfactory understanding with the producers of the "Highway Patrol" television series, referred to in the preceding quarterly report, have consumed time and effort quite out of proportion to results thus far achieved. Our contention that an episode of the series emphasizes the toxicity of lead in a manner quite contrary to scientific fact is, however, receiving a unanimity of competent medical support which we hope will convince the producers that it should be withdrawn.

8. Committee Work Our Health and Safety Director continued membership in five committees of the American Standards Association and one each of the American Industrial Hygiene Association, the National Safety Council and the Philadelphia City Health Department, serving as chairman of two and secretary of another. Efforts to secure reasonable modification of a proposed publicity campaign on childhood lead poisoning in the latter city are a current activity.

9. Meetings Meetings attended during the quarter just ended have included the annual gatherings of our own Association and of the Industrial Health Conference, of the Massachusetts Medical Society and of the American Medical Association; also a conference on "Metal Binding in Medicine" and the Greater New York Safety Conference and a meeting of the Metropolitan New York Section of the American Industrial Hygiene Association. Before a joint session of that body and the American Conference of Governmental Industrial Hygienists, a paper was delivered as part of the program of the Industrial Health Conference.

10. Bulletins Two Health and Safety Bulletins were mailed to our members during the quarter.

INDUSTRY DEVELOPMENT--GENERAL

11. "Lead" The second 1959 issue of this quarterly was prepared, printed and distributed to nearly 55,000 people. On a new exchange arrangement, about 2,000 copies of each issue are being distributed by the Lead Development Association in Great Britain, and L.I.A. will distribute, mostly to member personnel, about 1,000 copies of each issue of "Lead News", published twice a year by L.D.A.

12. Design Engineering Show L.I.A.'s display at this show in Philadelphia in May particularly emphasized new developments of interest to design engineers, including sound attenuation, pearlescent pigments, ceramic finishes, radiation shielding, thermoelectrics. The show was well attended.

13. Advertising The new campaign directed at design engineers in "Materials in Design Engineering" and "Product Engineering" made its first appearance with two page ads in each publication during the quarter.

14. Market Study A study of the commercial possibilities of lead as an antivibration material was completed for the guidance of the Industry Development Committee in passing upon a proposal for research in this field, which was subsequently approved.

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15. Battery Research and Development E. J. Mullarkey attended the Thirteenth Annual Power Sources Conference sponsored by the U. S. Army Signal Research and Development Laboratory, held in Atlantic City, N. J., in May.

16. Battery Convention The Secretary attended the annual spring meeting of the Association of American Battery Manufacturers in April.

17. A.S.T.M. E. J. Mullarkey attended the annual meeting of the American Society for Testing Materials in Atlantic City in June.

18. Publicity A comprehensive article on "Lead" by D. M. Borcina appeared in the June issue of "Lykes Fleet Flashes", attractive house organ of Lykes Bros. Steamship Co.

19. Technical Review The annual review of technical developments in "Lead and Lead Alloys" for publication in the fall in "Industrial and Engineering Chemistry" was completed.

INDUSTRY DEVELOPMENT--METAL PRODUCTS

20. Advertising Two advertisements in the new campaign on engineering applications of metallic lead products appeared in "Engineering News-Record".

21. Lead Powders A paper, authored by the Secretary, was delivered before the annual meeting of the Metal Powder Industries Federation in Detroit in April. It summarized new uses for lead powders which are either in the commercial or development stage.

22. Reprints L.I.A. obtained reprints of the extraction of a paper "Lead-Acid Brick Construction", by E. J. Mullarkey, which appeared in "Corrosion" magazine, for distribution in reply to inquiries and to our list of 2,000 names as a Chemical Construction Bulletin.

23. Anodes The National Association of Corrosion Engineers has established a Task Group on "Pipe Line Corrosion Anodes for Impressed Current", which naturally includes lead anodes. E. J. Mullarkey is serving as chairman of this Task Group.

24. Plumbing Exposition L.I.A. had its customary exhibit at the annual convention of the National Association of Plumbing Contractors in Miami Beach in June. Included in the display was a new connection for wall hung residential water-closets, which are becoming more and more popular, utilizing lead and developed by Homer Yetman. It attracted considerable attention from both contractors and manufacturers of plumbing equipment.

25. Apprentice Contests Homer S. Yetman served as a judge at the state contest for apprentice plumbers in Georgia, Florida and Ohio.

26. Publicity "Air Conditioning, Heating and Ventilating" for May reprinted in full L.I.A.'s "Lead Specifications for Chemical Drainage". Also the Portland Cement Association reprinted for their own distribution the article from "Lead" entitled "Lead as a Concrete Joint Filler Reduces Chipping".

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27. Materials for Architecture This is a new reference book to be published by the Reinhold Publishing Corp. We have provided the data for the section on lead and are now reviewing it before publication.

INDUSTRY DEVELOPMENT--PIGMENTS

28. Advertising One ad appeared during this period in "Engineering News-Record" and two in "Marine Engineering/Log" on metal-protective lead paints.

29. Field Work O. F. Shobe, our paint technologist, presented a paper entitled "An Innovation in Painting Steel" before the Bridge Division of the American Association of State Highway Officials in May in Philadelphia. Copies were also distributed at regional meetings of AASHO in Salt Lake City, St. Louis and Birmingham.

30. Experimental Paints As a result of earlier field visits and distribution of samples of experimental paints which L.I.A. is exposure testing, several state highway departments have actually ordered these paints in 25- or 30-gallon quantities for their own field testing on actual highway structures.

31. Meeting The Lead Pigments Technical Committee met once during the quarter and, among other things, planned in detail a new exposure test program for one-coat machinery enamels.

32. Red Lead Technical Letter No. 14 This letter, dealing with a new ship-bottom paint tested in cooperation with the Navy, was prepared and approved by the Committee. It has been presented to the Navy for approval, which is now being awaited for publication.

33. Publicity "American Paint Journal" for June 1 reprinted in full D. M. Bortina's paper at the L.I.A. annual meeting on "New Developments in Lead Paint Technology".

34. Encyclopedia Americana The section on white lead in this publication was revised and brought up to date by us for a new edition.

INDUSTRY DEVELOPMENT--CERAMICS

35. Advertising Two ads appeared in each of three ceramic publications and one ad in each of three others during this period.

36. Luncheon Meeting L.I.A. sponsored a luncheon meeting during the annual convention of the American Ceramic Society. The purpose of the luncheon was to establish closer relationship between our own research and promotional staff and Ceramic Technical Committee, and the professors who are supervising research under our fellowship grants at seven universities, who were our guests. The meeting was highly fruitful and all but one of the professors involved were present. A meeting of our Committee followed the luncheon.

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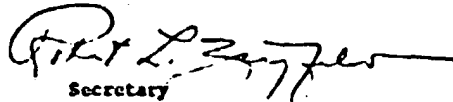
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37. Literature Survey on Glass A comprehensive literature study of the use of lead in glass was prepared under our fellowship at Alfred University. So excellent was this study that it has been submitted to the American Ceramic Society for possible publication by them. It is now before the Society's Publication Committee and, if rejected, other means of publication will be found.

Respectfully submitted,


Secretary