

MEMBERS QUARTERLY REPORT

From the Executive Vice President
Lead Industries Association, Inc.
292 Madison Ave.
New York 17, N.Y.



Look Ahead with Lead

January 6, 1964

OCTOBER 1 to DECEMBER 31, 1963

The following report covers the highlights of Association activities for the fourth quarter of 1963. 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. Information Bulletin. Two of these Bulletins were sent to members during the quarter.

2. Budget. Two meetings of the Industry Development Committee and one of the Board of Directors were held to consider and approve the L.I.A. budget for 1964. The result is the largest budget and most comprehensive program for L.I.A. in its history. Details will be provided members separately.

3. Annual Review Article. The Executive Vice President's annual review of the lead situation was prepared for publication in the February, 1964, issue of "Engineering and Mining Journal."

4. European Lead Development Committee. The Executive Vice President attended a three-day meeting of this group in Madrid in late November. It was attended by the administrative heads of the lead associations in Great Britain, France, Germany and Italy and representatives of the lead industry from these countries as well as Spain, Belgium, the Netherlands and Sweden, and a representative of I.L.Z.R.O. Progress in the development of lead markets was discussed as well as future plans and research.

5. "The Position of Lead in a Changing Technology." A paper with this title was prepared by L.I.A.'s Executive Vice President and its Secretary and has been accepted for presentation before the annual meeting of A.I.M.E. in New York in February.

HEALTH AND SAFETY

6. Annual Meetings Attended. American Association of Poison Control Centers; Industrial Hygiene Foundation; American Public Health Association; American Association of Battery Manufacturers; and the U. S. Potters Association.

Quarterly Report of the Executive Vice President
October 1 to December 31, 1963

-2-

7. Chicago Section, National Paint, Varnish and Lacquer Association. The Health and Safety Director was a member of a panel which discussed the childhood lead poisoning situation in Chicago. Dr. Samuel L. Andelman, Health Commissioner of the City of Chicago, and Daniel S. Ring of NPVLA were also members of the panel.

8. Childhood Lead Poisoning in New York City. In cooperation with the New York Section of the National Paint, Varnish and Lacquer Association, the Health and Safety Director has cooperated in a program designed to publicize the necessity for care and cleanliness in alleviating this problem in slum dwellings. A meeting was held in the office of the Assistant Commissioner of the Department of Health and was attended by representatives of the New York City NPVLA, the NPVLA, as well as your Health and Safety Director and representatives of various divisions of the New York City Health Department. Our industry was commended for its cooperation in these efforts and the Health Department pointed out that deaths from childhood lead poisoning in New York City are at an all-time low and that the trend is downward.

9. Department of Air Pollution Control, Chicago. Since it had come to our attention that Mr. Fitzpatrick, the Commissioner of the Department of Air Pollution Control, has directed his efforts towards analyses of the lead content of the atmosphere, it was decided to approach him and inform him of our own efforts in this area. We discussed the problems with Mr. Fitzpatrick and distributed to him copies of many of our reports and data sheets covering atmospheric analyses of lead. We also laid the ground-work for his cooperation in our planned studies of atmospheric lead in Chicago which studies will take place within a month or two.

10. Information Program. A new expanded information program designed to get factual information about lead in the hands of key people, like public health authorities, medical societies, industrial physicians, hygienists and toxicologists, was developed and presented to the Board of Directors. It has been approved for initiation in 1964.

INDUSTRY DEVELOPMENT - GENERAL

11. "Lead." The third and fourth 1963 issues of this magazine were printed, the fourth for mailing just after the first of the year.

12. National Chemical Exposition. L.I.A. had a 20-ft. display booth at this show held in New York's Coliseum in December. Both metal products for chemical construction and lead chemicals were on exhibit.

13. Sweet's Catalogs. Preprints of our catalogs to appear in the 1964 Sweet's files were obtained and circulated to our mailing lists of architects and design engineers.

INDUSTRY DEVELOPMENT - BATTERIES

14. A.A.B.M. The annual meeting of the Association of American Battery Manufacturers in Chicago was attended by the Secretary.

Quarterly Report of the Executive Vice President
October 1 to December 31, 1963

-3-

15. Rodeo. L.I.A. representatives attended an electric industrial truck rodeo sponsored by Union Electric Co. of St. Louis. The purpose was to acquaint nearly 800 of Union Electric's industrial customers with the capabilities of electric trucks for solving their materials handling problems. L.I.A. will use information gathered to encourage other utilities to stage similar promotions.

16. "Picture Book of Power Batteries." This new brochure, which takes the place of last year's "Power with no Strings Attached," is at the printers and will be ready for distribution in January. We expect to merchandise it aggressively through industrial truck and battery manufacturers and electric utilities and thus get widest and most effective distribution at lowest cost to L.I.A.

17. Advertising. Two ads each on lead batteries for motive power appeared in "Factory," "Materials Handling Engineering," and "Business Week" during the quarter.

INDUSTRY DEVELOPMENT - METALLIC PRODUCTS

18. M.A.C.E. Two members of the L.I.A. staff presented a lengthy illustrated talk before the Pittsburgh section of the National Association of Corrosion Engineers on lead's behavior in various corrosive environments and methods of construction and application.

19. Advertising. One ad on lead-lined architectural pools appeared in "Progressive Architecture." Two ads on terne plate appeared in "Metal Product Manufacturing." One ad on lead-lined gutters appeared in "Roofing, Siding, Insulation." One ad on lead weights appeared in "Product Engineering."

20. Solder. Reprints of the "Machine Design" article on solder, prepared by the L.I.A. secretary and mentioned in our last report, were obtained, sent to members and many orders for quantities have been received.

21. Lead Roof. The finished lead roof on the M.I.T. Auditorium, installed by a completely new and unique method, was inspected and all material obtained for publicity. It will be publicized after it has gone through a complete cycle of winter and summer weather exposure. M.I.T. engineers who developed the method and consulted with L.I.A. have agreed to by-line an article on the subject.

22. Lead-Lined Plaza. As a result of work with engineers of the American Electric Power Co., bids are now out for lead-lining a plaza at a new building of this company in Canton, Ohio. The open plaza is immediately over a computer room and leaks that might cause damage to the expensive equipment would be disastrous.

Quarterly Report of the Executive Vice President
October 1 to December 31, 1963

-4-

23. Waterproofing. Much time has been spent working with architects with similar waterproofing problems, their interest apparently sparked by our recent advertising. Among jobs on which L.I.A. has worked and on which lead has been specified or installed are a fountain in Central Park, N. Y., Fordyce and Hamby, architects; lead-covered balcony floor on the restored Philadelphia Merchant's Exchange (1820) by the National Park Service; lead safe under kitchen and bar areas of Restaurant Associates restaurant in the Pan Am Building, N. Y., lead-lined reflecting pool in the new Pontchartrain Hotel, Detroit, Curtis and Davis, architects; lead waterproofing at grade line for a new country club, Cross & Son, architects.

24. Soundproofing. Consulted with I.M. Pei, architects for Federal Aeronautics Agency, on possible soundproof lead roof design for prototype control tower to be used at airports under their jurisdiction.

25. Sparkproof Floors. Consulted with Hercules Powder Co. representative on installation of sparkproof lead floor for a new powder plant.

26. B.R.I. Our architect attended the Fall Conference in Washington of the Building Research Institute.

INDUSTRY DEVELOPMENT - CABLE SHEATHING

27. "Lead Sheathing for Power Cable." This new booklet was mailed to a special list of engineers and others interested in power distribution obtained from "Electrical World" magazine.

28. Survey of Cable Sheathing Practices in the U.S. and Canada. Mr. Sidney Hiscock of the Lead Development Association, London, spent several weeks in the U.S. and Canada making this survey. L.I.A. assisted by establishing contacts for him with utilities and cable manufacturers. His report will be forthcoming soon. He had previously made similar surveys in Great Britain and Europe.

29. Advertising. Three ads on lead cable sheathing appeared in "Electrical World" during the quarter.

INDUSTRY DEVELOPMENT - NOISE AND VIBRATION

30. Lead Asbestos Pads for Street Traffic Vibration Control. Specification of these pads for a new building in New York City to protect against vibration from heavy street traffic was the subject of a press release issued by L.I.A. It led to an article in the New York Times, as well as being picked up by other publications.

31. Subcommittee. Several meetings of the I.D.C. Subcommittee on Noise and Vibration were attended. Several drafts of a publication based on the Goodfriend report of his work on lead for noise control have been prepared but no final draft for publication has been reached.

32. Advertising. One ad on controlling transformer noise appeared in "Electrical World" and two ads on anti-vibration pads appeared in "Engineering News-Record."

Quarterly Report of the Executive Vice President
October 1 to December 31, 1963

-5-

33. Removable Wall Panel. Several meetings were held with Mr. Kilgore of Kilgore Removable Wall Co., Toronto, which is marketing a new panel lined with 1-lb. sheet lead for dividing large banquet and meeting rooms into small rooms. A number of installations have already been made in Canada and it was written up in "Canadian Hotel/Motor Hotel Magazine." Reprints of the article were purchased and sent to members and our architectural mailing list, which is resulting in a number of inquiries.

34. Thin Walls. An inspection was made of 2 $\frac{1}{2}$ -in. thick panels with 4-lb. lead linings used in conjunction with 4 $\frac{1}{2}$ -in. thick conventional walls at the new Hotel America in Hartford, Conn., as suggested previously by L.I.A. A report was submitted to the architects to correct certain installation deficiencies and the walls will be instrument tested upon completion and used for publicity if satisfactory.

INDUSTRY DEVELOPMENT - CERAMICS

35. Supplement. Approval of the new supplement to "Lead in the Ceramic Industries," mentioned in the last report, was received from the American Ceramic Society and is now on the press. Distribution in early January is expected.

36. Committee Meeting. A meeting of the Ceramics Technical Committee was held at which current activities were reviewed and 1964 plans approved.

37. Advertising. Two ads each on porcelain enamels appeared in "Ceramic Industry," "Ceramic Age" and "Bulletin of the American Ceramic Society."

INDUSTRY DEVELOPMENT - PIGMENTS

38. Committee Meeting. A meeting of the Lead Pigments Technical Committee was held at which current activities were reviewed and plans for 1964 approved.

39. Advertising. Three ads each appeared in "American Paint Journal" and "Official Digest." One of each of these dealt with new organolead compounds for paints and the others with lead pigmented primers for structural steel. Also one ad each on water-thinnable lead primers for metal appeared in "Machine Design," "Product Engineering" and "Materials in Design Engineering."

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