

MEMBERS QUARTERLY REPORT

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



Look Ahead with Lead

July 9, 1963

APRIL 1 to JUNE 30, 1963

The following report covers the highlights of Association activities for the second 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 Bulletins. Two of these bulletins were distributed to members during the quarter.

2. Statistics. The introductory page and certain statistical tables on lead in 1962 were provided the American Bureau of Metal Statistics for its Yearbook. The entire lead section was reviewed before publication.

3. B.D.S.A. Conference. The Executive Vice President attended a conference of non-ferrous metal trade association executives sponsored by the Business and Defense Services Administration of the U. S. Department of Commerce in connection with the Non-Ferrous Metals Committee of the Organization for Economic Cooperation and Development.

4. A.S.T.M. The annual meeting of A.S.T.M. was attended.

5. Annual Meeting. The annual meeting of L.I.A. was held at Chicago with a large attendance and a program that was generally conceded to be of unusual interest. All papers presented were mimeographed and made available to members at the meeting or on request.

6. Directors' Meeting. A meeting of the Board of Directors of L.I.A. was held at the time of the Annual Meeting, at which all Association officers were reelected.

7. More on Statistics. The L.I.A. Annual Statistical Review for 1962 was published and circulated to members. In addition statistical data were supplied the Association of American Battery Manufacturers, the Automobile Manufacturers Association, and American Metal Market for use in their own respective statistical yearbooks.

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HEALTH AND SAFETY

8. ASA Z66.1 Subcommittee. At a special meeting of this committee a revised Standard for "Specifications to Minimize Hazards to Children from Residual Surface Coating Materials" was developed and approved. Subsequently, the revised standard was circulated to all committee members and approved as per ASA procedure. It has now been submitted to the full committee of ASA where it is expected to be adopted and should probably be made official by the end of the year. The revised standard as proposed covers not only lead, but mercury, cadmium, and other materials so that lead is not pinpointed alone as a hazard in paints.

9. Pottery Investigation. At a meeting with the U.S. Potters' Association final action on the test method cooperatively developed for lead release from glazes was taken and the method was submitted to ASTM for adoption as a tentative standard. The Kettering Laboratory also submitted to us a complete test kit designed to be used in the field or in the laboratory for checking lead content of pottery glazes. Attempts are now being made to interest manufacturers in making and marketing this kit. Considerable interest was expressed in this joint LIA-U.S. Potters' Association project by representatives of companies who have not yet been involved thus far and it was suggested that additional research efforts be made to help pottery manufacturers in producing and marketing glazes and dinnerware with low lead release values.

10. Toxicology Laboratories. The Health and Safety Director visited another toxicology laboratory as part of the ILZRO Program to obtain suitable facilities for evaluating the newly developed organo-lead compounds for toxicity. These four laboratories, having submitted proposals to us, are now being evaluated by the Health and Safety Committee for their suitability as to our purposes and we expect to make recommendations to the Director of Research shortly so that the testing program can get under way.

11. Stanford Research Institute Study, ILZRO Contract LC-69. A meeting was held at Stanford with representatives of Ethyl, DuPont, API, California Health Department, and LIA and ILZRO Staff to evaluate current progress on the project and to plan a program of field testing of the air in several cities. This was done and it is expected that the sampling crew will be testing in Los Angeles and San Francisco shortly.

12. Philadelphia Lead Control Ordinance. On learning that the City of Philadelphia Health Department wishes to write a new ordinance on "lead control," our Health and Safety Director made arrangements to meet with a representative from the Philadelphia Health Department and representatives from two of our local member companies. This was done and our services were offered and accepted in the draft of the new ordinance.

13. Meetings Attended. Greater New York Safety Council
American Industrial Hygiene Conference
Air Pollution Control Association Conference.

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INDUSTRY DEVELOPMENT-GENERAL

14. Exhibits. During the past quarter L.I.A. had exhibits of lead products at three major nation-wide exhibitions - the American Institute of Architects at Miami, Fla., the Design Engineering Show at New York, and the National Association of Plumbing Contractors at Chicago.

15. Advertising. One ad on industrial applications of terns plate appeared in "Machine Design" and "Product Engineering" during the quarter.

16. "Lead." The first 1963 issue of "Lead," enlarged to 12 pages, was mailed and the second 1963 issue went to the printers in June for early July mailing.

17. "American Metal Market Supplement." The Industry Development Committee approved a full-page ad on the services offered by L.I.A. to appear in the special lead-zinc supplement of this paper in late July and the ad was prepared.

18. New Building for a Member. L.I.A.'s secretary and its staff architect met with a member company and its architects in connection with a new building to be built by that member. The purpose of the meeting was to hear recommendations for the best and most extensive use of lead for that building. The architects specifications for the roofing have since been reviewed.

19. C.S.I. The annual meeting of the Construction Specifications Institute was attended.

20. B.R.I. The Spring Conference of the Building Research Institute arranged by the Committee on Metals in Building, of which our architect is a member, was also attended.

INDUSTRY DEVELOPMENT-BATTERIES

21. Materials Handling Exposition. This large exposition was attended at Chicago in connection with our promotion of battery-powered industrial trucks. Most manufacturers of industrial trucks and batteries had prominent display booths.

22. Cooperation of Public Utilities. Electric utility companies have responded enthusiastically to our solicitation of their cooperation in distributing our literature on battery-powered industrial trucks to prospective buyers at their expense. Up to mid-June, two months after the solicitation was made, utilities had ordered 5,900 reprints of our ads and 6,325 of our brochures for a total of 12,225 pieces of literature. In addition truck and battery manufacturers had ordered 1,900 reprints and 1,400 brochures for a grand total of 15,525 pieces of literature.

23. Advertising. The first three ads in our new battery power campaign appeared in "Business Week," "Factory," and "Materials Handling Engineering." Also an ad on battery power appeared in "Machine Design," "Materials in Design Engineering," and "Product Engineering."

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24. A.A.B.M. The annual meeting of the Association of American Battery Manufacturers was attended.

INDUSTRY DEVELOPMENT-METAL PRODUCTS

25. Pools and Planters. This brochure on sheet lead linings was published and mailed to our architects and construction mailing list. It was also used for distribution at the A.F.A. Exhibition and 700 copies were taken by "Results from Research," a publication of a nationwide group of banks supplying literature to business and industry. As a result, in about two months our original print order of 15,000 was exhausted and a second printing is in process.

26. Advertising. Two ads appeared in "Progressive Architecture" on lead-lined pools and planters, and three on the same subject in "Engineering News-Record." Three ads on lead roofing appeared in RSI (Roofing, Siding, Insulation). Three ads on lead cable sheathing appeared in "Electrical World."

27. Calked Joints. Because of the intense competition lead-calked joints in cast iron pipe have been receiving lately from joints using no lead, L.I.A. sponsored a comparative cost study of a conventional plumbing installation using lead and cast iron and an installation employing the new Tyler Ty-Seal joint without lead. This study was conducted at the Voorhees Technical School in New York by Bernard Keating, chief plumbing instructor. It revealed that the conventional installation using lead was somewhat cheaper. A complete and detailed report will be submitted to members shortly.

28. More on Pools and Planters. In further evidence of the broad interest in and market for lead for waterproof linings in pools and planters much time has been spent with the architects and specification writers on jobs that have not yet reached the construction stage. Among these are the huge pool for the Aviation and Space Bldg., Washington, I. M. Pei, architect; Museum of Modern Art, New York, Philip Johnson, architect; Phoenix Mutual Insurance Co., Hartford, Jaros Baum & Bolles, architect; Northwestern University, Chicago, Skidmore, Owings & Merrill, architects; and Century Plaza Hotel, Los Angeles, Yamasaki, architect.

29. Lincoln Center Opera House. We worked with the architects for this famous building, Harrison, Abramovitz and Harris, obtaining engineering and publicity data on the lead-lined reflecting pool and fountain and anti-vibration pads. We also supplied them with information on applying a lead facing to the Opera House arches.

30. Princeton. The architect for the new Princeton University Administrative Building, Edward L. Barnes, was provided with a large amount of installation data and drawings for extensive lead roofing and flashing to be installed there.

31. "Lead Sheathing for Power Cable." Preparation of a 24-page booklet with this title has been completed, the text cleared with the Committee, and suggested corrections made. It is now ready for the printer.

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INDUSTRY DEVELOPMENT-NOISE AND VIBRATION

32. Advertising. The Industry Development Committee approved use of the steel-lead-fiber glass enclosures for noisy transformers in two special ads to be run later in the year in "Electrical World" and approval was obtained from the developer for such ads.

33. Committee Meeting. A meeting of the Subcommittee on Noise and Vibration Control was held to formalize plans for development of movable wall panels containing lead and of sound-proof ceilings.

34. Field Tests of Anti-Vibration Pads. Arrangements were concluded for publication of the report on this subject, made by Laymon Miller at the L.I.A. annual meeting, in the October, 1963, issue of "Architectural Record."

35. Advertising. One ad on anti-vibration pads appeared in "Progressive Architecture."

36. Anti-Vibration Pads. Considerable time was spent with architects and specification writers on the use of lead-asbestos pads under buildings in the design stage. Among these are the office building to be erected on the site of the old Grand Central Palace, New York, Shreve, Lamb & Harmon, architects; apartment development over a railroad in Chicago, Price Associates, architects; Gateway Center, Chicago, Skidmore, Owings & Merrill, architects; City Center, Rochester, Giffels & Rosetti, architects; Lederle Laboratories balance rooms, Pearl River, N. Y.; and N.Y.C. Community College, Brooklyn, Chapman, Evans & Delehanthy, architects.

37. Sound-Proof Room. As a direct result of publication in "Lead" of a story on the sound-proof room we helped design at Franklin Institute, Cincinnati Milling Machine Co. contacted us with an almost identical problem. Their engineer, in company with an L.I.A. engineer, visited Franklin Institute's room, and Cincinnati Milling Machine has decided to construct a similar installation.

INDUSTRY DEVELOPMENT-CERAMICS

38. Fellowship Luncheon. The annual luncheon sponsored jointly by the International Lead Zinc Research Organization and L.I.A. during the annual meeting of the American Ceramic Society was held in Pittsburgh. Guests were the professors and fellows in ceramic schools where research fellowships on lead in ceramics have been placed, the Ceramic Technical Committee, and staff members of I.L.Z.R.O. and L.I.A. Following the luncheon a meeting of the Committee was held.

39. Advertising. Ads on leaded porcelain enamels appeared in "Metal Products Manufacturing" in April and May, in "Ceramic Age" in June. Ads on lead glazed light-weight building blocks appeared in the "American Ceramic Society Bulletin," "Ceramic Age," and "Ceramic Industry" in April and May. Also one ad on porcelain enameled aluminum appeared in "Machine Design," "Materials in Design Engineering," and "Product Engineering."

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INDUSTRY DEVELOPMENT-PIGMENTS

40. Advertising. Two ads each appeared in "American Paint Journal," "Official Digest," and "Engineering News-Record" on painting of highway bridges with red lead paint.

41. Research Results. I.L.Z.R.O. has turned over to L.I.A. a report of its project on water-thinnable baked ferrous metal primers containing lead pigments which is being made the subject of an ad to appear in the paint magazines later this year.

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Executive Vice President