

MEMBERS QUARTERLY REPORT

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



Look Ahead with Lead

April 8, 1963

JANUARY 1 to MARCH 31, 1963

The following report covers the highlights of Association activities for the first 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. Annual Meeting. The program and all other arrangements were completed for the Annual Meeting to be held in late April in Chicago. Two notices of the meeting were sent to members and others interested, and releases to the press were issued.

3. A.I.M.E. The annual meeting of this Institute, held in Dallas, was attended.

4. Annual Review. The annual review and forecast article on lead was prepared and appeared in the February, 1963 issue of that magazine. Reprints were sent to members.

HEALTH AND SAFETY

5. Meetings Attended. The 6th Annual Air Pollution Medical Research Conference devoted to health and air pollution in California, the American Industrial Health Conference, the regular meeting of the American Standards Association Z-66 Committee on Hazards to Children and the Lead Symposium of the Kettering Institute were attended.

6. The Kettering Laboratory Study, ERP Contract LC-75. This study entitled "Human Exposure to Ambient Air Concentrations of Particulate Lead," was approved by our Board of Directors for support through the ERP and the Ethyl Corporation, the Du Pont Corporation, and the United States Public Health Service. The study is proceeding with two human subjects being exposed for varying times in an attempt to simulate actual exposures to lead in an air pollution situation. Some of the results of this work may be known by the time of our next quarterly report.

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7. The Lead Symposium at the Kettering Laboratory. This meeting was highly successful and was attended by over one hundred representatives of governmental agencies and interested manufacturers. Latest results on lead toxicology were presented together with summaries of what has been discovered to be practical about control of potential lead hazards in industry and in general public health situations. The entire proceedings of this symposium will be reprinted and made available to members and others following its publication in a national medical journal. L.I.A.'s Executive Vice President was the opening speaker, presenting a resume of lead's uses and importance in industry.

8. Health and Safety Committee. The second meeting of the L.I.A. Health and Safety Committee was held in Cincinnati following the Kettering Symposium and was attended by all but three of the members. Among the interesting items considered at the meeting was a report of a preliminary study which indicated a potential beneficial effect from the injection of soluble lead salts into test animals prior to their exposure to harmful radiation. It is planned to consider this subject further. Progress reports were given to the members on the several research programs which are now underway.

9. Toxicology Laboratories. The Health and Safety Director visited two toxicology laboratories in his continuing efforts to obtain suitable facilities for testing new lead compounds which are being developed in the ETP program. Thus far we have obtained proposals from three such laboratories and it is expected that one or two more will be requested to send us their ideas on recommended test programs for this purpose.

10. Pottery Investigation. This investigation, being conducted in cooperation with the U.S. Pottery Association, continues. A tentative test method for lead release from glazes has been distributed and will be discussed at the next meeting of the group on May 2. It is expected that this test method, if proved satisfactory, will be accepted as a tentative ASTM method.

INDUSTRY DEVELOPMENT-GENERAL

11. "Lead." The first 1963 issue of this quarterly was prepared and went to the printers for mailing in early April. It is a twelve-page instead of eight-page issue as authorized for this year.

12. Advertising. One-page ads appeared in each of the following publications: "Machine Design," "Materials in Design Engineering," and "Product Engineering."

INDUSTRY DEVELOPMENT-METAL PRODUCTS

13. Pools and Planters. This flyer for architects on lead lining pools and planters reached the page-proof stage, was given final touches, and is now printing. It will be ready for mailing to members and our list of architects and builders by about April 15.

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14. Lead Roof. Material was supplied to the editors of "American Roofer and Building Improvement Contractor" for a one-page article on the N. Y. Soldiers and Sailors Monument lead roof that appeared in the January, 1963 issue of that magazine.

15. Corrosion. A large amount of corrosion resistance data on lead was supplied "Materials in Design Engineering" magazine for its special report on corrosion in the January, 1963 issue.

16. Washington Pool. Directly as a result of our catalog on lead waterproofing in Sweet's, we were contacted by the engineers for detailed specifications for lead lining one of the largest reflective pools ever designed, an oval about 160 ft. by 120 ft., at the new Aviation and Space Building in Washington, I. M. Pei, architect. Over 50 tons of sheet lead will be involved.

17. Lead Burning Contractors. On invitation of its Secretary, the Executive Vice President and the Secretary of L.I.A. attended a business meeting of the Lead Burning Contractors Association in New York. The purpose of the meeting was to try to develop closer liaison between the two groups with mutual interests in many application areas. We were assured greater cooperation in obtaining publicity material and case histories on chemical installations and assistance with our chemical show exhibit later in the year. A further meeting with their Executive Committee is planned to develop a continuing program of mutual benefit.

18. Advertising. A one-page ad on pool and planter linings appeared in "Progressive Architecture," one on roofing in "Roofing, Siding & Insulation" and one on cable sheathing in "Electrical World."

19. New Buildings. We are working closely with the architect and engineers on a new building for one of the members of L.I.A. who plans to use lead roofing, soundproofing and other lead applications. Our services are available to other members and we urge them to get in touch with us on new construction projects.

INDUSTRY DEVELOPMENT-BATTERIES

20. Cost Calculator. On request 400 copies of our cost calculator brochure for battery-powered industrial trucks were supplied the Sacramento, California, Municipal Utility District for their own distribution. It was also translated into its seventh foreign language - Greek.

21. Industrial Truck Association. L.I.A. presented its new storage-battery advertising campaign to this group at its meeting in New Orleans in February. I.T.A. offered close cooperation and assistance in distribution of our literature and in gathering reliable operating data to further the sale of battery-powered industrial trucks and vehicles.

22. Edison Electric Institute. Our program was also presented to an official of E.E.I. for the same purpose, and it was tentatively agreed that arrangements would be made for a similar presentation before the proper committee in the spring.

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23. Advertising Program. A folder describing our campaign in the interest of motive power batteries was prepared for mailing to utilities, industrial truck and battery manufacturers, and members. All of the 1963 ads were prepared and preprinted for this folder.

24. Power with No Strings Attached. This 12-page brochure describing uses of batteries for motive and portable power was published and mailed to our design engineers list. It is also being used in the new advertising campaign and has been mailed to members.

INDUSTRY DEVELOPMENT-NOISE AND VIBRATION

25. Committee Meeting. The Subcommittee on Noise and Vibration Control, appointed by the Industry Development Committee to guide these programs, met and also had considerable correspondence during the quarter. A plan of action is being developed.

26. Polygraph Room. Lead lining of this room at the Bergen County, N. J., Prosecutor's Office was completed and noticeable reduction of sound transmission accomplished. It will be instrument tested shortly.

27. Drake Hotel. Arrangements were made for a test installation of three leaded-vinyl curtain doors between kitchens and meeting rooms of the new Drake-Cakbrook Hotel in suburban Chicago. The purpose is to reduce undesirable noise transmission and the test is jointly financed by the Drake, the door manufacturer, and L.I.A.

28. Mott Haven Homes. One of the largest contracts for lead-asbestos anti-vibration pads so far has now been let for this huge housing project to be erected over the Mott Haven Yards of the N. Y. Central Railroad. Our architect worked with both the architects and engineers for this project during the planning stages.

29. Advertising. Two one-page ads on lead-asbestos anti-vibration pads appeared in "Engineering News-Record," one in "Progressive Architecture" and two in "Factory" during the quarter.

30. Report on Anti-Vibration Pads. A report by the consulting engineer for the Place Ville Marie Project in Montreal over the Canadian National tracks, which was erected on lead-asbestos anti-vibration pads, gives full engineering data on field tests to determine their need and effectiveness. It appeared in "The Engineering Journal" of the Engineering Institute of Canada in November, 1962. Permission was obtained to reprint this report and it was circulated to our mailing list of some 12,000 architects and structural engineers and to our members.

31. Transformer Noise Reduction. Development of a steel-lead-fiber glass enclosure for noisy transformers was reported in a paper given in January before the Institute of Electrical and Electronic Engineers by the Portland General Electric Co. Full engineering details, costs and results are given. We reprinted the paper for circulation to our members and a selected list of electric utility engineers.

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INDUSTRY DEVELOPMENT-PIGMENTS

32. Meeting. A meeting of the Pigments Technical Committee was held in New York to discuss material for use in the 1963 advertising program and the progress of the pigments manual which is in preparation.

33. Advertising. A double-page spread on lead pigments appeared in "American Paint Journal," two spreads in "Official Digest" and a full page in "Paint & Varnish Production" during the quarter.

INDUSTRY DEVELOPMENT-CERAMICS

34. Supplement. A new four-page supplement to "Lead in the Ceramic Industries" was distributed to all those who had previously received the book. It described lead-glazed brick.

35. Lead in Glass. A bibliography on this subject, prepared at Alfred University under an E.R.P. fellowship grant, was distributed to members and colleges having courses in glass technology. Arrangements were made to print it in "Glass Technology" magazine in three installments in a few months, which should give it the widest possible distribution where it will do the most good.

36. Paper on Lead Ceramics. Reprints were obtained of a paper appearing in the January, 1963 issue of the "Journal" of the American Ceramic Society on "Dilatometric and X-Ray Data for Lead Compounds." It reported work performed under an L.I.A.-E.R.P. research fellowship grant at Penn State. Since it has already received wide circulation in the "Journal," the reprints will be used for answering inquiries.

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Executive Vice President