

Pin No. 1

LEAD INDUSTRIES ASSOCIATION

60 EAST 42ND STREET
NEW YORK 17, N. Y.

January 8, 1960

QUARTERLY REPORT OF THE SECRETARY
OCTOBER 1 TO DECEMBER 31, 1959

The following report covers the highlights of Association activities during the fourth 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. Information Bulletins. Two of these bulletins were circulated to members during the quarter.
2. Budgets. The Association's budgets for general expenses, health and safety, industry development and research for 1960 were established by the Board of Directors at a meeting on December 1, 1959. This followed a series of meetings of various subcommittees, the Technical Steering Committee and the Industry Development Committee, all of which reviewed and made recommendations on specific parts of the program. The total of \$733,780.00 approved for 1960 expenditure is the largest in LIA history and represents intensified efforts to increase lead markets.
3. Association of American Battery Manufacturers. The Secretary attended the annual meeting of this important group of lead consumers in Chicago.
4. Annual Review. The Secretary's annual review of the lead situation was prepared and is expected to appear in the February issue of ENGINEERING AND MINING JOURNAL.
5. Technical Progress. A brief review of technical progress and outlook in the lead industry was prepared by the Secretary for STEEL magazine, which appeared in the January 4, 1960 issue.
6. Executive Committee Meeting. A meeting of this committee was held primarily to fill the vacancies in the offices of President, Chairman of the Board, and Chairman of the Executive Committee created by the tragic death on Thanksgiving Day of John D. Bradley, who held these offices. Jean Vuillequez, Vice President of American Metal Climax, Inc., was unanimously elected to fill the vacancies.
7. Statistics. As a result of a suggestion made at the meeting of the Board of Directors on December 1, the Secretary arranged a meeting with the editor of ENGINEERING AND MINING JOURNAL'S METAL AND MINERAL MARKETS

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to see if weekly lead sales statistics reported by that magazine could be made to reconcile more closely with LIA's monthly sales reports. Changes in methods of reporting to the magazine, effective January 1, 1960, were agreed upon, which it is hoped will make possible closer reconciliation.

HEALTH AND SAFETY

8. Childhood Lead Poisoning. Activities relative to the continuing problem of lead poisoning in children have outweighed all other health and safety concerns during the final quarter of 1959. They have included reactivation and attendance at meetings of the Sectional Committee on Hazards to Children of the American Standards Association, and of its subcommittee dealing with lead paint hazards, a meeting of the Advisory Committee on Lead Poisoning of the Philadelphia Department of Public Health, the annual meeting of the American Association of Poison Control Centers, held in Chicago in conjunction with that of the American Academy of Pediatrics, and a conference arranged by our Health and Safety Division at which the Health Commissioners of the State of Massachusetts and the City of Boston engaged in an informal discussion of the problem with a number of interested physicians. Additionally and at our instance, the Community Council of Greater New York has established a Committee on Childhood Lead Poisoning, the initial meeting of which is scheduled for January 12th. Gratifying to those who have devoted so much time and effort to the amelioration of this source of so much adverse publicity is the recent report of the Baltimore City Health Department that the cases of childhood plumbism in that city dropped from 133 with 10 fatalities, in 1958, to 62, with 2 fatalities, in 1959.

9. Meetings Attended. Attendance at meetings other than the above has included those of the American Public Health Association and a Legislative Forum of the National Paint, Varnish and Lacquer Association, simultaneously at Atlantic City, those of the Industrial Hygiene Foundation and, by invitation, the Board of Directors of the American Industrial Hygiene Association, both at Pittsburgh, and a Tri-Section Meeting of the latter organization at Trenton. Our health and safety director was a speaker at the three of these gatherings underlined.

10. X-Ray Shielding. Cooperating in the New York City Health Department's drive for more adequate shielding against X-rays in doctors' and dentists' offices, we have provided the Department with a wallboard screen, one half of which is covered with sheet lead. The screen is on casters so it can be moved back and forth between a radiation source and counter. It will be used to demonstrate to doctors and dentists the need for and effectiveness of lead shielding. If the plan is successful, we hope that we may extend it to other cities.

11. Air Quality Standards. At the request of the California State Department of Health, we are cooperating with them in a project looking to the establishment of standards of "ambient air quality" for a wide range of potentially toxic materials, including lead.

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12. Welding Lead-Painted Steel. As a result of somewhat similar work done elsewhere, we have reopened discussions with staff members of the Harvard School of Public Health relative to the possibility of showing that the hazard involved in welding lead-painted steel is substantially less than had been thought.

INDUSTRY DEVELOPMENT--GENERAL

13. "Lead." The fourth 1959 issue of this quarterly was prepared, printed and mailed to our list of over 50,000 names, and 1,500 copies were sent to the Lead Development Association, London, for their distribution under our exchange agreement. Another 4,500 copies were distributed in Canada by our Canadian members at their own expense.

14. Advertising. Two one-page ads in our "Lead News Letter" series appeared in MATERIALS IN DESIGN ENGINEERING and one in PRODUCT ENGINEERING.

15. Chemical Show. Our exhibit at the National Chemical Exposition in the New York Coliseum was one of the most successful we have ever experienced. It embraced both metal products and chemical compounds.

16. "Lead and Its Alloys." Reprints of this article, which appeared in INDUSTRIAL AND ENGINEERING CHEMISTRY, were distributed to members and others interested.

17. Home Builders Show. The LIA exhibit was redesigned and refurbished for use at the National Home Builders Show in Chicago in January.

INDUSTRY DEVELOPMENT--METAL PRODUCTS

18. "Soldering Manual." This manual, published by the American Welding Society and prepared by our Solder Committee, came off the press and was sent to members who had ordered copies.

19. Chemical Tank Linings. Reprints were obtained of an article "Better Way to Lead-Line Your Wooden Tanks," which appeared in CHEMICAL ENGINEERING, and were distributed to our chemical construction mailing list.

20. "Current Practice in Isolating Buildings from Vibration with Lead-Asbestos Pads." A four-page brochure with this title was prepared, printed and distributed to a list of more than 15,000 architects and others in the construction industry.

21. X-Ray Shielding. See item 10 under Health and Safety.

22. Anodes. A meeting was attended in connection with the use of lead anodes for corrosion protection in impressed current systems. Several additional actual installations have been found and are being carefully watched. A technical article on the subject appeared in CORROSION magazine and reprints ordered for our distribution.

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23. Advertising. Two one-page ads appeared in ENGINEERING NEWS-RECORD.

24. Lead Plumbing Connections. As a result of designs developed and provided by LIA, several plumbing fixture manufacturers are now marketing a fixture for installing wall-hung residential water closets specifically designed for use with lead connections.

INDUSTRY DEVELOPMENT--CERAMICS

25. "Lead Investment Pays Off." This was the title of a short article prepared by LIA which appeared in CERAMIC INDUSTRIES. It emphasized cost savings realized by ceramic manufacturers through the use of lead compounds.

26. "Ultra Low Loss Ceramic Dielectrics." Reprints of this article, based on LIA sponsored research, were distributed to members and others interested.

27. Advertising. During the quarter two one-page ads on lead in ceramics appeared in the CERAMIC SOCIETY BULLETIN, CERAMIC AGE and METAL PRODUCT MANUFACTURING and one each in CERAMIC INDUSTRY, BRICK AND CLAY RECORD and CERAMIC NEWS.

28. Meetings. The annual meeting of the Structural Clay Products Institute was attended as was the fall meeting of the White Wares Division of the American Ceramic Society.

29. Translation. A recent Japanese paper dealing with a problem on the use of lead in ceramics was translated into English and is being distributed where it will be of value to us in this country.

INDUSTRY DEVELOPMENT--PIGMENTS

30. Advertising. A two-color one-page ad on red lead primers appeared in ENGINEERING NEWS-RECORD and two such ads appeared in MARINE ENGINEERING/LOG.

31. Yellow Traffic Marking Paint. A meeting of the American Association of State Highway Officials was attended and a number of states visited in the interests of having this paint specified as standard practice. While no action has been taken, several states are favorable to painting test sections of their highways in this manner next summer.

W. L. R. 3-77.c.c.
Secretary