

MEMBERS QUARTERLY REPORT

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



Look Ahead with Lead

October 5, 1964

JULY 1 to SEPTEMBER 30, 1964

The following report covers the highlights of Association activities for the third quarter of 1964. 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 more in this series were issued and circulated to members during the quarter.

2. American Mining Congress. The Secretary attended the annual Western Division meeting of this organization in Portland, Oregon.

3. New Staff Member. A new member was added to the staff on August 1. He is Connel A. Baker, Jr., formerly with Ohio Power Co. and the Ohio Public Utilities Commission. His major activities with L.I.A. will be to promote storage batteries through the electric utility companies and to promote the use of lead products, such as cable sheathing and paints, used in large quantities by utilities.

4. A.S.T.M. The Secretary has been requested to serve as chairman of a Task Group of Subcommittee 2 of A.S.T.M. Committee B-2 to study ASTM 325-58T, Refined Secondary Lead, and report back to the Subcommittee. The Task Group is in process of formation.

5. Other Development Associations. The first in a series of quarterly reports on activities was exchanged with other lead development associations abroad as a step toward closer cooperative action and exchange of ideas.

HEALTH AND SAFETY

6. Philadelphia Air Pollution Control Offices. Mr. Walt Jackson, Director of the City of Philadelphia Air Pollution Control Activities, was visited and presented with a copy of the Stanford Research Institute's Final Report of this ILZRO-sponsored study of lead in the atmosphere. The particular interest of Mr. Jackson was directed to the data obtained in that portion of the study which was concerned with lead in the atmosphere of Philadelphia and obtained during the two weeks that the sampling crew spent there. He was most appreciative of our efforts and asked many pertinent questions about the study and its relationship to his city and the others covered by the sampling crew.

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7. Cincinnati Air Pollution Control Offices. A copy of the ILZRO-sponsored research study on lead in the atmosphere by Stanford was presented to Mr. Charles Gruber, Head of the City of Cincinnati's Air Pollution Control District. A detailed discussion was held of the results that were obtained in the City of Cincinnati and Mr. Gruber's questions about the results and the techniques were answered.

8. Study of Paint Toxicity. The Health and Safety Director accompanied by Mr. Dan Ring of the National Paint, Varnish and Lacquer Association visited the Hazelton Laboratories in Washington, D.C., to request their help in preparing a proposal for the study of lead paint toxicity. It is proposed that this study, if approved, will be jointly sponsored by ILZRO and NPVLA.

9. Visit to European Lead Associations. The Health and Safety Director started his visit to discuss local problems relating to health and safety in European countries served by lead trade associations. He is visiting association offices in Italy, France, Germany and England to report on American experience of interest in these countries and to discuss with them their experiences, as well as visiting a number of lead using industries in Europe. More details will be available after his trip is completed in October.

10. Television. Protests have been lodged with the producer and broadcasting company on a repeat telecast of one of the Ben Casey series of programs based on a case of lead poisoning which L.I.A. believes to be factually erroneous.

11. Industrial Lead Poisoning. A chapter with this title by Dr. Robert A. Kehoe was reprinted from the book INDUSTRIAL HYGIENE AND TOXICOLOGY by Dr. Patty. Notice of the availability of the reprints was carried in a Health and Safety Bulletin and as a result nearly 100 copies have been distributed on request. A quantity was also supplied to the L.D.A. in London for their distribution in Britain.

12. Kettering Toxicology Abstracts. Negotiations are under way for possible publication of these abstracts on lead toxicology which have been prepared for internal use only for some years by the Kettering Laboratories. All details of form and distribution have not yet been resolved and are under study by a subcommittee of the Health and Safety Committee.

INDUSTRY DEVELOPMENT - GENERAL

13. LEAD. The second and third 1964 issues of this quarterly were mailed during the quarter.

14. Inquiries. Nearly 7,500 inquiries were handled by the Association staff in the first eight months of 1964. Of these more than 1,500 were of a detailed technical nature requiring personal or special rather than routine handling. Nearly 45,000 pieces of L.I.A. literature were distributed in other than bulk mailings.

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15. LEAD ABSTRACTS. Our mailing list for this monthly publication produced by L.D.A. in London with L.I.A. financial support has been increased to 1,400 names.

16. Design Engineering Show. A list of over 250 inquiries on various subjects received at our exhibit at this show was circulated to members.

INDUSTRY DEVELOPMENT - METAL PRODUCTS

17. Solder Article. Arrangements were made for staff preparation of new article on soldering methods particularly automation, for publication in METAL PRODUCT MANUFACTURING. This would later be reprinted for L.I.A. distribution as a companion piece to SOLDER AND SOLDER ALLOYS prepared for MACHINE DESIGN last year.

18. Lead-Lined Pool Problems. The large lead-lined pool at the World's Fair was subjected to cyclical buckling when the lead was laid in extremely hot weather and flattened out during the cool of night. Fearing possible fatigue damage, the pool was inspected with the contractor and methods devised for minimizing this possibility in future large pool installations.

19. Membrane Waterproofing Catalog. A new 8-page catalog to appear in Sweet's 1965 Architectural File was prepared on this subject, which includes pool and planter linings, and turned over to Sweet's. It contains case histories and complete installation specifications.

20. Terne Plate. An article on this lead-alloy coated product was prepared and appeared in a special supplement of the AMERICAN METAL MARKET dealing with coated metals.

21. Lead Wool. As a result of featuring this product as used on New York's Verrazano Bridge, a number of inquiries are being received. Lacking literature on the subject a brief mimeographed memorandum on the subject was prepared and circulated to member manufacturers of lead wool for comment. It is being used to answer inquiries.

22. Advertising. One ad each on solder appeared in MATERIALS IN DESIGN ENGINEERING and PRODUCT DESIGN AND DEVELOPMENT, one each on membrane waterproofing in BUSINESS WEEK and ENGINEERING RECORD and two in PROGRESSIVE ARCHITECTURE, two on cable in ELECTRICAL WORLD, one on terne plate in METAL PRODUCT MANUFACTURING, one on calking lead in AMERICAN CITY, two double spreads on calking lead in PLUMBING, HEATING, COOLING BUSINESS, and one double spread on roofing in ROOFING, SIDING, INSULATION.

INDUSTRY DEVELOPMENT - NOISE AND VIBRATION

23. American City Magazine Article. The staff-prepared article on noise control, which appeared in this magazine in June and was mentioned in our previous report, was reprinted and mailed to our list of some 12,000 architects, builders and contractors.

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24. Advertising. Two ads each on anti-vibration pads appeared in FACTORY and BUSINESS WEEK and two ads on noise control in ENGINEERING NEWS-RECORD and one in FACTORY.

25. Committee Meeting. A meeting of I.D.C.'s Subcommittee on Sound and Vibration was held to discuss future policy with respect to publications and research on these two subjects.

26. Polygraph Room. An article describing in detail the lead sound proofing in the Bergen County, N.J., Prosecuting Attorney's offices for the polygraph room has been accepted for publication in the magazine LAW AND ORDER and is expected to appear before the end of this year.

INDUSTRY DEVELOPMENT - PIGMENTS

27. Benjamin Franklin Bridge. An article on the painting of this bridge at Philadelphia with pure red lead and white lead paints was reprinted from AMERICAN PAINTING CONTRACTOR and circulated to members and 8,000 paint companies, painting contractors, highway and corrosion engineers.

28. Advertising. Two ads each on metal protective paints appeared in ENGINEERING NEWS-RECORD, AMERICAN PAINT JOURNAL and OFFICIAL DIGEST and one in AMERICAN PAINTING CONTRACTOR. One ad on yellow traffic marking paint appeared in AMERICAN CITY.

29. AMERICAN PAINT JOURNAL. An article on the versatility and ubiquity of lead pigments in paints was prepared by the Executive Vice President and accepted for publication in the CONVENTION DAILY of this magazine which will appear during the annual convention of the National Paint, Varnish and Lacquer Association during October.

INDUSTRY DEVELOPMENT - CERAMICS

30. Ceramics Technical Committee. This Committee met at the School of Ceramics, Rutgers University, to review our existing ceramics program and discuss needs and desirable activities for next year. Its recommendations will be incorporated in reports to the Industry Development Committee at its meetings. The fine new ceramic laboratory facilities at Rutgers were inspected.

31. PET. An article highly favorable to lead zirconate-titanate in ultrasonic cleaning was reprinted from AMERICAN MACHINIST, circulated to members and will be used to answer inquiries on this growing use of lead.

32. Advertising. Two ads each on porcelain enameled aluminum appeared in the AMERICAN CERAMIC SOCIETY BULLETIN and CERAMIC AGE and one each in CERAMIC INDUSTRY and METAL PRODUCT MANUFACTURING. One ad each on lead ferrite permanent magnets appeared in MACHINE DESIGN, MATERIALS IN DESIGN ENGINEERING and PRODUCT ENGINEERING.

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INDUSTRY DEVELOPMENT - LEAD COMPOUNDS

33. ORGANOLEAD CHEMISTRY. Some 500 copies of this book prepared in Holland under sponsorship of I.L.Z.R.O. were mailed to a special mailing list of research chemists and laboratories. A questionnaire was included to indicate future interest of recipients in this subject and also the monthly LEAD ABSTRACTS. Returns are most encouraging. A press release was also sent to leading technical magazines announcing availability of the book.

INDUSTRY DEVELOPMENT - BATTERIES

34. Electric Industrial Truck Rally. Working closely with L.I.A. staff and using L.I.A. literature and ad reprints, Dayton Power and Light Co. is conducting an electric industrial truck rally on October 1st at the County Fair Grounds there. Most electric truck and industrial battery manufacturers will exhibit and several hundred potential users will be dinner guests and see the trucks put through their paces. This is a direct result of our promotion of industrial trucks, as was last year's show staged by Union Electric at St. Louis.

35. Advertising. One ad each on battery-powered industrial trucks appeared in BUSINESS WEEK, MATERIALS HANDLING ENGINEERING, FACTORY and ELECTRICAL WORLD.

John L. Lippner