

LEAD INDUSTRIES ASSOCIATION

~~NEW YORK OFFICE~~ 60 East 42nd Street

NEW YORK 17, N. Y.

April 1, 1957

QUARTERLY REPORT OF THE SECRETARY

January 1 to March 31, 1957

The following report covers the highlights of Association activities during the first quarter of 1957. More detailed information on those activities or others not enumerated herein will be supplied on request.

GENERAL

1. "Lead" - One issue of our publication "Lead" was published and mailed to our list of about 50,000 users and prospective users of lead.
2. Research - The subcommittee of the Technical Steering Committee obtained proposals from three independent research organizations for a survey of industry research possibilities which will be submitted to the main committee with recommendations shortly.
3. Cable Sheathing - The Cable Sheathing Task Group arranged with a leading manufacturer of extrusion presses to construct a press for experimental extrusion of lead alloys. The experiments will be conducted by the press manufacturer with the technical assistance of our group.
4. Annual Meeting - Arrangements were made for the Annual Meeting to be held on April 24-25, 1957, at the Drake Hotel in Chicago. What is believed will be an unusually interesting program was developed and advance registrations indicate a good turn-out.
5. A.I.M.E. - The Secretary attended the annual meeting of the American Institute of Mining, Metallurgical and Petroleum Engineers.
6. Annual Review of Lead - The annual review of lead, prepared by the Secretary and appearing in the February issue of "Engineering and Mining Journal," was reprinted and circulated to members.
7. Inquiries - Inquiries for Association literature and assistance are being received at an unprecedented rate probably as the result of more frequent publication of "Lead" and our new or expanded educational activities.
8. Miscellaneous - The usual routine statistical and other services were continued and the Secretary continues to serve on an Advisory Committee of the Bureau of the Census for metals.



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HEALTH AND SAFETY

9. Legislation - Proposed legislation inimical to the interests of the lead industries has been followed and, as of this writing, with favorable results. Gratifying evidence of the value of the "American Standard Specification to Minimize Hazards to Children from Residual Surface Coating Materials," developed at our instance, was shown by its use by the Health Commissioner of Baltimore in opposing a Maryland bill which would have been materially damaging to our interests.

10. Plastic Stabilizers - Three conferences have been held with representatives of the plastics industry in planning for a further study of the use of lead stabilizers in plastic pipe.

11. Ceramics - In the interest of promoting the use of lead glazes, speakers on medical and engineering health control have been secured for the forthcoming annual meeting of the American Ceramic Society at Dallas. (See page 3).

12. Meetings - The annual Congress on Industrial Health of the American Medical Association and the Greater New York Safety Convention, in Los Angeles and New York respectively, were attended, as was a meeting of the Metropolitan New York Section of the American Industrial Hygiene Association.

13. Bulletin - One Lead Hygiene and Safety Bulletin has been issued during the quarter.

14. International Contacts - Much time and effort have been given to arranging contacts for Dr. W. B. George, Chief Medical Officer of the Consolidated Zinc Proprietary, Ltd. of Australia, who arrived for a three-months tour of industrial and medical establishments in the U.S. and Canada. Speaking engagements were arranged for him at the forthcoming Industrial Health Conference in St. Louis and at the annual meeting of our Association in Chicago.

15. Committees - The health and safety director is currently a member of a committee of the National Safety Council and chairman of committees of the American Association for the Advancement of Science, the American Industrial Hygiene Association and the American Standards Association. Two meetings of these committees, in New York and Chicago, have been attended.

16. "Facts and Fallacies" - The demand for reprints of Dr. Johnstone's "Facts and Fallacies of Plumbism" has continued. It is now being used for instruction in three medical schools.

17. Visits - Nineteen member company plants and offices were visited and six consultations held with industrial physicians in Milwaukee, St. Louis, Kansas City, Denver, Salt Lake City, San Francisco, Los Angeles and Houston.

METALLIC LEAD PRODUCTS

18. Home Builders Show - We exhibited at the Show in connection with the annual meeting of the National Association of Home Builders in Chicago in January. Lead plumbing and sheet metal work were featured.

19. Lead Roofing and Flashing - A 4-page leaflet presenting specifications for lead roofing and flashing for the small home was prepared and distributed with other literature on lead plumbing at the Home Builders Show.

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20. Newark College of Engineering - Two 3-hour lectures on lead as an engineering material were presented before several hundred graduate students at this important school for the sixth successive year.

21. Plumbers' Text Book - Our text book on lead work for plumbers continues to sell consistently, with over 400 copies sold in this period.

22. Soldering Handbook - Our Solder Committee met with the American Welding Society Committee and about 25 percent of the material for the Soldering Handbook was approved for publication. Our Committee also met alone and now has another 50 percent of the material ready for final approval. The remainder is non-controversial and should be completed shortly.

23. N.A.C.E. - The annual meeting of the National Association of Corrosion Engineers was attended by a staff member.

CERAMICS

24. "Lead in the Ceramic Industries" - This book was mailed to our list of about 4,000 ceramists and had an excellent reception. It had exceptionally good reviews in the trade press and was the subject of an editorial in "Ceramic Industry." Over 5,200 copies have now been distributed through our regular mailing list and requests.

25. Advertising - The first two advertisements in our new campaign appeared in "Ceramic Industry" and "Bulletin of the American Ceramic Society" in March. Two additional ads are ready for publication and two are in preparation. Members are being supplied with reprints.

26. Research - Arrangements have been made for a research grant to the School of Ceramics at Rutgers and a research fellowship at the Department of Ceramic Engineering, University of Illinois. Work under the grant at Rutgers will start as soon as the right man is found to conduct it and will emphasize the use of lead in ceramic bodies. The fellowship at Illinois will start with the new school year in September with emphasis on low temperature porcelain enamels.

27. American Ceramic Society - To dispel undue emphasis on the toxicity of lead, we have arranged for two speakers at the annual meeting of the Ceramic Society who will discuss the medical and engineering phases of all the variety of toxic materials handled by the ceramic industries. They are Rutherford T. Johnstone, M.D., and William Hazard of Owens-Illinois.

28. A.C.S. New York Section - Your Secretary, along with the chairman of our Ceramics Technical Committee and a member of that Committee, attended a meeting of the Metropolitan New York Section of the American Ceramic Society. The entire program of five papers was devoted to low temperature ceramics and the use of lead consequently was a principal topic of conversation. We are attempting to get permission to use condensations of at least two of the papers as supplements to "Lead in the Ceramic Industries."

RED LEAD PAINTS

29. Advertising - The first ad in our new campaign directed toward painting highway structures with red lead paints, but also embracing other types of steel structures, was prepared and will appear in the April and May issues of "Engineering News Record." Reprints will be sent to members.

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30. Red Lead Technical Letter No. 12 - The Red Lead Technical Committee met and, among other things, outlined a new technical letter on painting of highway structures. This is to be based on the survey of state highway paint specifications made by L.I.L. and found to be overwhelmingly favorable to red lead.

RADIATION SHIELDING

31. "Q" Clearance - A staff member has obtained his secret "Q" clearance.

32. Visits to Atomic Installations - This staff member is now visiting atomic activities where possible to gather data on their use of lead and recently visited Oak Ridge on invitation. He learned much of interest which can not at this time be released for security reasons.

33. Atomic Exposition - He also attended the meetings and exposition of the Nuclear Congress at Philadelphia in March.

Respectfully submitted,


Secretary-Treasurer.