

LEAD INDUSTRIES ASSOCIATION

60 EAST 42ND STREET

NEW YORK 17, N. Y.

October 9, 1958

QUARTERLY REPORT OF THE SECRETARY

July 1 to September 30, 1958

The following report covers the highlights of Association activities during the third quarter of 1958. More detailed information on these activities or others not enumerated will be supplied on request. No attempt has been made to cover routine activities.

GENERAL

1. "Lead" - The third 1958 issue of this quarterly was prepared for mailing to a list of more than 50,000 people during the first week of October. Several thousand new names were added to the list since the last mailing.

2. "Lead and Its Alloys" - This annual review of new developments in research, design and manufacture of lead was prepared by E. J. Mullarkey, technical director, and appeared in the September issue of "Industrial and Engineering Chemistry." Reprints, when available, will be distributed to members and interested technical people.

3. Meetings - Both the Ceramics and Red Lead Technical Committees met during September to lay out recommended programs for 1959 for their respective products.

4. Design Engineering Show - L.I.A. contracted for exhibit space at this Show to be held in Philadelphia in May, 1959.

5. American Mining Congress - The meeting of the Western Division of A.M.C. was attended in San Francisco in September.

6. Electrochemical Society - E. J. Mullarkey, technical director, attended the annual meeting of this Society.



HEALTH AND SAFETY

7. Hygiene Conference - The program and preparations for the Lead Hygiene Conference sponsored by L.I.A. to be held in Chicago in November were completed. Arrangements were also made for printing the entire proceedings in "Industrial Medicine and Surgery." Based on advance registrations it appears that at least 150 members and leaders in industrial health will participate.

8. Red Lead Paints for Water Tanks - Efforts have continued to settle this controversy and an appropriation has been approved to carry a proportionate part of the cost of a field testing program to establish the safety of using red lead for potable water tank interiors. Dr. H. B. Elkins is preparing a paper for possible publication by the American Water Works Association which should be effective in clearing up the controversy.

9. Health and Safety Bulletin - Two of these Bulletins were issued to members during the quarter.

10. Meetings - Manfred Bowditch, Health and Safety Director, attended a conference on precautionary labeling of the Committee on Toxicology of the American Medical Association, and a symposium at Massachusetts Institute of Technology.

METALLIC LEAD PRODUCTS

11. Use of Lead in Building - The report of this study was received from Skidmore, Owings and Merrill, architects and engineers. It is being circulated to the interested Association committees.

12. Chemical Expo - L.I.A. exhibited at the National Chemical Exposition held concurrently with the annual meeting of the American Chemical Society in Chicago in September.

13. Plumbers' Apprentice Contest - David M. Borcina, assistant to the secretary, served as judge of lead work for the fifth consecutive year at the international apprenticeship contest sponsored by the plumbers' union and awarded savings bonds to the three best lead workers. Homer S. Yetman, at the same time, conducted a course in how to teach lead work for instructors of apprentice classes.

14. Sweet's Catalogs - Contracts have been renewed for two four-page insertions in Sweet's Catalogs for architects and light construction builders for 1959. The layouts have been modernized somewhat and color added as recommended by Skidmore, Owings and Merrill.

15. Publicity - Two articles on lead contraction joints in concrete floors appeared in "Concrete Construction," August, 1958, and "Plant Engineering," September, 1958.

CERAMICS

16. Research - The ninth and final graduate research fellowship for the academic year 1958-1959 was established. It is at Clemson College and will relate to lead glazes for structural clay products such as brick and tile.

17. Advertising - This program continued with monthly ads in "Ceramic Industry," "Ceramic Age," and the American Ceramic Society "Bulletin," and bi-monthly ads in "Ceramic News."

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18. A.C.S. Meeting - Sid W. Turner, technical service, attended the fall meeting of the White Wares and Suppliers Divisions of A.C.S.

LEAD PIGMENTS

19. Red Lead Technical Letter No. 13 - This Technical Letter, entitled "L.I.A. Formula 9-2, A Single Red Lead Primer for Rusted, Weathered or New Galvanized Steel," was issued and mailed to our list of some 11,000 paint makers, users and specifiers.

20. Advertising - Our two-color ads on red lead primers, emphasizing their use on highway structures, continue to appear monthly in "Engineering News-Record."

21. Steel Structures Painting Council - Our consultant, Dr. L. I. Carrick, attended a meeting of the Council and its Research Committee.

22. Wetting Additive - Test panels for Research Project No. 26, which deals with various lead-pigmented paints with a new wetting additive added, were placed on exposure. Our technical paint representative, Owen F. Shobe, has brought this new experimental product to the attention of many paint users and a number have been supplied with samples for making their own tests on highway and other structures.

MISCELLANEOUS RESEARCH ACTIVITIES

23. Research Director - On September 2nd, Dr. Schrade F. Radtke assumed the duties of Research Director for the Expanded Research Program of both Lead Industries Association and the American Zinc Institute.

24. Cable Sheathing - The Cable Sheathing Task Group met at the plant of the John Robertson Company and saw the experimental continuous extrusion press in operation on common lead. The arsenical lead alloys will be tried early in October.

25. Lead Alloy Research - A contract was signed with Armour Research Foundation for a one-year research program on lead alloys employing recently developed theories and techniques.

26. Technical Steering Committee - This Committee and its subcommittees have under consideration a number of research proposals submitted by various research organizations and are in the process of evaluating them. They include work on organo lead compounds, reinforced lead and others. Research contracts will be arranged when they have been thoroughly evaluated.

Respectfully submitted,

G. R. L. Ewing

Secretary.