

LEAD INDUSTRIES ASSOCIATION

420 LEXINGTON AVENUE 60 East 42nd Street
NEW YORK 17, N. Y.

January 2, 1957

QUARTERLY REPORT OF THE SECRETARY

October 1 to December 31, 1956

The following report covers the highlights of Association activities during the fourth quarter of 1956. More detailed information on these activities or others not enumerated herein will be supplied on request.

GENERAL

1. Budgets - The Red Lead and Ceramics Technical Committees, the Metallic Lead Products Division Advisory Committee and the Technical Steering Committee all met to consider recommendations for 1957 activities in their respective fields. These recommendations were then placed before the Industry Development Committee and the Board of Directors and 1957 budgets approved. Details are being sent to members with statements for the first quarter of 1957, our industry development work having been materially strengthened.

2. "Lead" - The third issue of our quarterly publication "Lead" was mailed to our list of nearly 50,000 users and prospective users of lead, and the fourth issue was prepared for mailing immediately after the first of the year.

3. Research - The Technical Steering Committee appointed a small subcommittee to study overall research problems of the industry and report back to the main committee.

4. Cable Sheathing - The Cable Sheathing Task Group is negotiating with a leading manufacturer of extrusion presses for a research program to solve the problem of continuous extrusion of lead alloys commonly used in cable sheathing.

5. Monograph - More than a half-dozen chapters for the A.C.S. Monograph on Lead have now been received from authors.

6. Annual Reviews - The annual review of lead was prepared for publication in the February, 1957 issue of "Engineering and Mining Journal." A briefer review was prepared for "Iron Age."

7. Conventions - L.I.A. was represented at the annual meetings of the American Mining Congress, National Metal Exposition, Association of American Battery Manufacturers and several others.



Quarterly Report

-2-

January 2, 1957

HEALTH AND SAFETY

8. Maximum Allowable Concentrations for Lead - The American Standards Association Subcommittee on Lead, under the chairmanship of our Health and Safety Director, has approved increases in maximum acceptable concentrations of lead in air ranging from 33 to over 200 percent above the limits that have been considered standard for 25 years. It was also tentatively approved by the main committee but must still pass higher committees under A.S.A. procedure. These changes should appreciably reduce the burden of ventilating in many plants producing or using lead.

9. "Facts and Fallacies" - An additional printing of the talk presented by Dr. R. T. Johnstone at our last annual meeting on "Facts and Fallacies of Plumbism and What to Do About Them" became necessary to satisfy the large demand for copies from industrial medical men. At least 5,500 copies have been distributed to date and it is being used for instruction in at least one medical school.

10. Pharmacy Laws - The interest of the Manufacturing Chemists' Association has been awakened to the dangers of many state pharmacy laws which may be and have been interpreted to apply detrimentally to industrial chemicals like lead compounds. It is expected that they will take steps, with our cooperation, to close these loopholes, which will probably be a slow and cumbersome project.

11. Health and Safety Committee Appointments - Our Health and Safety Director has accepted appointment to the Steering Committee of the Committee on National Organizations of the National Safety Council, one of whose purposes is to deal with home accident problems, including childhood lead poisoning. He is also the representative of the American Industrial Hygiene Association to the Council of the American Association for the Advancement of Science, which held its annual meeting during the last week in December.

METALLIC LEAD PRODUCTS

12. Corrosion - Work is nearing completion on the revision of the lead chapter in the A.C.S. Monograph on Corrosion, originally edited by McKay and Worthington.

13. Soldering Handbook - Our committee preparing the Soldering Handbook for publication by the American Welding Society met three times during this period, one of these meetings being with the main Welding Society Committee to review the work so far completed.

14. Home Builders Show - Our exhibit for the annual show of the National Association of Home Builders in January, 1957, was designed and is under construction. It will emphasize lead for both plumbing and sheet metal work.

15. Chemical Construction Bulletin - Two more in this series of Bulletins was circulated to our list of about 1,100 chemical engineers and others interested in chemical construction.

CERAMICS

16. "Lead in the Ceramic Industries" - Printing of this technical data book was completed and copies circulated to members. Mailing to our list of some 4,000 ceramists will be made the second week in January to avoid the holiday mails.

Quarterly Report

-3-

January 2, 1957

17. Advertising - The Ceramics Technical Committee met with representatives of our advertising agency to lay out the basis for the advertising campaign for 1957. Twelve one-page ads are being planned to appear monthly in "Ceramic Industry" and the "Bulletin of the American Ceramic Society" in the year starting about March, 1957.

18. Research - First steps have been taken toward the establishment of three research fellowships on lead in ceramics in 1957. Our desire to establish one of these at Rutgers has been made known to the President of that University.

19. Permanent Exhibits - Our exhibit builders are working on designs for permanent exhibits to be placed in about 15 leading schools of ceramics to draw the attention of instructors and students to the advantages of lead in ceramics.

RED LEAD PAINTS

20. Navy Specifications - The Navy issued new painting specifications which make the use of red lead paint mandatory for many purposes where it was formerly optional and only a few years ago prohibited.

21. Highway Specifications - In connection with the new federal aid highway program a survey was made of all state highway painting specifications. The results of this survey will be made available to members, probably in January, and may form the basis for our promotional activities.

22. Navy Test Paint - A Navy destroyer which was partly painted with red lead paint as recommended by our Technical Committee and partly with regular Navy paints, was dry-docked and inspected. The red lead paints appear to be giving a good account of themselves after two years. Two other destroyers are part of this test and it is expected that they will be dry-docked and inspected early in 1957.

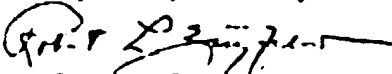
23. Supplement to R.L. Technical Letter No. 11 - A supplement to Red Lead Technical Letter No. 11 was prepared for issuance early in 1957.

24. Future Test Program - The Red Lead Technical Committee has started a test program of various methods to improve the wetting properties of quick-drying red lead paints. If successful, as preliminary work has indicated it may be, this could be very valuable in furthering the use of red lead paint.

RADIATION SHIELDING

25. Our access permit has been up-graded from the "confidential" to "secret" level, and our technical director is in process of obtaining "secret" clearance.

Respectfully submitted,


Secretary-Treasurer.