

LEAD INDUSTRIES ASSOCIATION

202 MADISON AVENUE

NEW YORK 17, N. Y.

January 13, 1961

QUARTERLY REPORT OF THE SECRETARYOCTOBER 1 TO DECEMBER 31, 1960

The following report covers the highlights of Association activities for the fourth quarter of 1960. 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. Three more in this series of bulletins were issued to members during the quarter.

2. Budgets. The Board of Directors, after a series of committee meetings which made recommendations to it on budgets, approved total expenditures for 1961 of more than \$700,000, of which nearly \$650,000 will be for research and industry development.

3. American Mining Congress. The secretary attended the annual meeting of the Western Division of the AMC in Las Vegas and the annual business meeting of the AMC in New York.

4. Lecture. A one-hour slide-illustrated lecture was delivered before a large group of Naval Reserve Officers in New York. It emphasized new developments in lead with special reference to the national defense.

HEALTH AND SAFETY

5. Director of Health and Safety. The Board of Directors has approved replacing the late Manfred Bowditch in this position with a younger full-time director as soon as a competent replacement can be located.

6. Milwaukee "Lead Poisoning" Case. Our attorneys advised us of another postponement, probably until late January, of the trial of this case which has been pending for months.

7. Lead Poisoning from Pottery. This incident, reported in our previous quarterly report, received far more publicity than we anticipated because the pottery in question failed to cooperate fully with public health authorities. However, the publicity was mostly fair and placed the blame on this particular pottery rather than lead generally. As a result we are cooperating in a move to establish acceptable standard test methods for lead solubility.

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8. Moonshine Whiskey. The Internal Revenue Service gave wide publicity to the danger of lead poisoning from drinking moonshine whiskey, which is often made in discarded automobile radiators. The Association strongly protested this type of publicity singling out lead as a culprit when other ingredients of "moon" may also be dangerous. In this protest we were joined by the Assistant Secretary of the Interior when we brought it to his attention. However, the matter had already gone too far to avoid undesirable publicity.

9. ASA Committee. In the absence of a health and safety director, your secretary is serving pro tem as liaison with the American Standards Association committee dealing with childhood poisoning from paints. A meeting was held during the quarter and another is scheduled for January.

10. Industrial Hygiene Foundation. The secretary attended the annual meeting of this organization.

INDUSTRY DEVELOPMENT--GENERAL

11. "Lead" The fourth 1960 issue of this quarterly was prepared and printed and readied for mailing immediately after the holiday rush.

12. Advertising. Two one-page ads in our Newsletter series appeared during the quarter in "Product Engineering" and one in "Materials in Design Engineering." Another ad was prepared for December and January appearance.

13. Sweet's Design Engineering File. Reprints of our new 12-page catalog which appears in the 1961 Sweet's Design Engineering File were obtained and distributed to members. They will also be used for distribution at our booth at the 1961 Design Engineering Show to be held in Detroit in May.

14. Annual Review. A brief review of recent technical developments in lead was prepared and appeared in the January 2, 1961 issue of "Steel" magazine.

15. Battery-Powered Delivery Trucks. An article on this new development was prepared and accepted for publication in an early 1961 issue of "Food Processing," with a circulation of some 45,000. We expect to obtain reprints for our own distribution.

16. Industrial Building Exposition. We had an exhibit booth at this show, which was the first of its kind ever held, at the New York Coliseum in December. Unfortunately New York's heavy blizzard coincided with the opening of the show and affected attendance throughout the week. Nevertheless results were encouraging, attendance was of good quality, and considerable interest was shown particularly in noise and vibration attenuation.

17. Lead in Portable Reactor Design. The article on this subject mentioned in earlier reports appeared in the October 1960 issue of "Materials in Design Engineering." Reprints were obtained and circulated to members and our list of nuclear engineers.

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18. Bearings. Through cooperation with the editors of "Materials in Design Engineering" and "Design News," two articles appeared on new types of lead bearings. One dealt with fused litharge and the other with lead powder-teflon bearings. Reprints were circulated to members and others interested.

19. New Personnel. As authorized by the new budget, preliminary steps were taken to employ another technical writer and technical service man to assist in our publicity and general industry development program, and an architect to devote his full time to the development of both existing and new markets for lead in the construction industry.

20. Personal Services. Among interesting personal contacts made by the staff were Minnesota Mining and Manufacturing Company (thermoelectrics, adhesives, sound), Buffalo Forge Company (sound and vibration), James Ruderman, structural engineer, Pan Am Building (vibration), Branson Ultrasonics (ultrasonic cleaning), Chemical Coatings Corp. (sound and vibration), Phoenix Building Products (waterproofing), New York Park Department (roofing), Dave Chapman, Inc. (sound), New Castle Products (soundproof folding doors), O. Hommel Co. (ceramics), E. I. du Pont de Nemours & Co. (ceramics), Crystal Essence Co. (pearl pigments), and many others.

INDUSTRY DEVELOPMENT--METAL PRODUCTS

21. Cable Sheathing. The report of the successfully concluded research project on continuous extrusion of lead cable sheathing was presented before the fall meeting of the American Institute of Electrical Engineers at Chicago. Preprints had previously been distributed to members and to the power industry.

22. Advertising. One one-page ad appeared in "Engineering News-Record" and one in "Marine Engineering/Log" on nonsacrificial lead anodes for corrosion protection of steel structures.

23. Sheet Lead Shower and Safe Pans. A paper with this title was delivered by a staff member before the annual meeting of the American Society of Sanitary Engineering.

24. Article on Chemical Construction. A broad article on the use of lead in chemical construction was completed and accepted for publication in an early issue of "Chemical Engineering." Reprints will be distributed to members and others when it appears.

INDUSTRY DEVELOPMENT--NOISE AND VIBRATION

25. Sound Attenuation Report. The Bolt Beranek and Newman report on lead for sound attenuation was printed as a 12-page brochure under the title "Improved Sound Barriers Employing Lead." It was mailed to members and between 15,000 and 20,000 architects, design engineers and building component manufacturers.

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INDUSTRY DEVELOPMENT--CERAMICS

26. Supplement. The new six-page supplement to "Lead in the Ceramic Industries" on leaded porcelain enamels for aluminum, mentioned in the previous report, was printed and circulated to all who had previously received this book.

27. Advertising. Three ads appeared in American Ceramic Society "Bulletin," two in "Ceramic Age," and one each in "Ceramic Industry," "Brick and Clay Record," and "Metal Product Manufacturing" on the uses of lead in ceramics. They covered porcelain enameled aluminum and glazed brick and light aggregate.

28. Another Supplement. Still another supplement to "Lead in the Ceramic Industries" has just been completed and received approval from the Ceramics Technical Committee and other ceramic experts. It also will be six pages and is devoted to low temperature leaded porcelain enamels for steel. It is being printed and will probably be ready for circulation in late January or early February, 1961.

29. Shop Practices Forum. This highly practical meeting, sponsored annually by the Porcelain Enamel Institute and held this year at the University of Illinois, was again attended by a member of the staff.

30. Research Paper. A paper based on our research at the Pennsylvania State University was printed in the "Journal of the American Ceramic Society." It was reprinted and circulated to members and others interested.

INDUSTRY DEVELOPMENT--PIGMENTS

31. Advertising. Two two-color one-page ads on lead base anti-corrosive paints appeared in "Engineering News-Record" and one in "Marine Engineering/Log" during the quarter. A one-page ad on lead pearlescent pigments for decorative metal finishes appeared in "Metal Product Manufacturing."

32. Committee Meeting. The Pigments Technical Committee held a meeting at which activities for the following year were outlined and budget recommendations made. Principal new activities outlined were preparation of a lead pigments technical handbook and efforts to increase the use of lead-containing yellow traffic marking paint.

G. L. + L. 3-77
Secretary

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