

SUBJECT TO REVIEW

RED LEAD TECHNICAL COMMITTEE MEETING MINUTES

New York, N.Y.

September 17, 1957

A meeting of the Red Lead Technical Committee of the Lead Industries Association was held in the offices of the Association on September 17, 1957.

PRESIDENT

REPRESENTATIVE

L. L. Carlock, Chairman
H. J. Bugbee
Paul Whitford
O. F. Spoke
J. O. Johnson
R. P. Bates
E. E. Zimmerman

Lead Industries Association
The Eagle-Picher Co.
The Eagle-Picher Co.
The Glidden Co.
Hammond Lead Products, Inc.
National Lead Co.
National Lead Co.

Robert L. Kleefeld, Secretary-Treasurer
David M. Borzina, Secretary to Committee

The meeting was called to order at 9:40 A.M., with Dr. Carlock presiding.

The minutes of the previous meeting of June 20, 1957, were approved.

PROMISED RED LEAD TECHNICAL LETTERS

The chairman requested the committee's recommendations as to the publication of the three Red Lead Technical Letters suggested at the June 20, 1957, meeting and their order of publication.

It was unanimously agreed that the three proposed "Technical Letters" be published and their order of publication be as follows:

1. A compilation of all previous "Red Lead Technical Letters." In the preparation, the general outline recommended was as follows:

(a) Foreword.

(b) A comprehensive table to include "Uses," "Physical Properties," "Paints," "Other Data," and "Other Data in that order. It was suggested that "Wt./Gal." and "Pb Content" be last and "Surface Preparation" included.



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(c) L.I.A. Paint Formulations.

Explanatory text under each formulation to be included.

2. Painting of rusted galvanized steel, new galvanized steel, and aluminized steel, L.I.A. Paint No. 361, Formula 9-1, whose performance was outstanding in Project 19, is to be recommended.
3. L.I.A. Paint No. 328 performance as a ship bottom paint. No reference to the U.S. Navy is to be made.

REVIEW OF 1957 ACTIVITIES AND
RECOMMENDATIONS FOR 1958

R. L. Ziegfeld reviewed 1957 activities, pointing out that one Red Lead Technical Letter - Painting Highway Structural Steel had been issued, plus additional publicity in the form of red lead articles in the Association's quarterly "Lead." A 4-page promotional folder on red lead paint for highway bridges, stressing the red lead specifications in 47 of the 48 states, is to be published this year. Also the advertising program included six ads in "Engineering News-Record," plus a small publicity program being handled by the advertising agency.

He then presented to the committee a proposed program for 1958 activities.

After considerable discussion, the committee recommended the following program for 1958:

1. Three Technical Letters to be published by the Association.
2. Thirteen ads in color in "Engineering News-Record."
3. Surveys as recommended by the advertising agency to be made in the marine and general construction field.
4. Increased publicity program by the advertising agency.
5. Field man --- either full or part-time.
6. Continue publicity in "Lead" and increase mailing list.

It was estimated that such a program would probably cost around \$45,000.00.

U.S. NAVY'S TEST PROGRAM ON BOTTOM PAINTING

It was unanimously agreed that the final report of the results of the U.S. Navy's test on the bottom painting of three destroyers (sent to the committee on August 5, 1957) be used as a basis for a Red Lead Technical Letter. The committee pointed out, however, that no reference to the

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Navy's paint used in the test be made nor that the program was conducted by the Navy, inasmuch as such mention is against U.S. Navy policy.

The secretary stated that the formulation for U.S. Navy's paint L&N had been received.

PROMOTIONAL FOLDER ON PAINTING HIGHWAY BRIDGES

The secretary presented a rough layout of a promotional 4-page folder on painting highway bridges.

It was the committee's decision that it be published this year and that the details of layout and factual presentation be left to the secretary.

INQUIRY FROM NEW YORK SHIPBUILDING CORPORATION

The secretary reported that the following letter dated July 16, 1957, had been received from Henrik W. Locke, M.D., medical director, New York Shipbuilding Corp., and would undoubtedly be of interest to the committee, particularly the reference to red lead paints:

"Do you have available any reprints on the urinary porphyrin test for the detection of lead absorption? Here at New York Ship we are seeing lead paint replace the familiar zinc chromate paint. We hope to be able to use lead intelligently.

I am familiar with some of the work of your Mr. Bowditch and Dr. R. T. Johnstone.

Please send me any educational material that your association has or bibliography of the same."

REVIEW OF L&N.A. PROJECTS

L&N.A. PROJECT 23

Paul Whitford reported that the panels at New Orleans had been placed on exposure April 1, 1957.

At the request of the secretary, the committee reported that the panels at New Orleans and Perth Amboy were atmospheric exposure, and those at Sayville, at tide range.

L&N.A. PROJECT 25

At the request of the secretary, to complete his records on this project, Mr. H. J. Hughes and Mr. R. P. Bates stated that they would send copies of their data to the secretary.

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LI.A. PROJECT 26

The secretary reported that he was having some difficulty in securing the catalogs of companies manufacturing anticorrosive shipbottom paints but that he would keep trying.

After some discussion, the secretary was requested to purchase on the open market where possible, one gallon of the following paints:

<u>PAINT</u>	<u>SUGGESTED SOURCE</u>
Mavacote	D. F. Dial, Jr. Pure Oil Co. Houston, Texas
Redhand	-
Baltimore Copper	-
International	-
C. A. Woolsey's paint	-
National Lead Co.	R. Frislin National Lead Co. 2240 - 24th St. San Francisco 10, Calif.
U.S. Navy Vinyl System Navy 119 - W.P. 117	-
Copon	-

BUREAU OF SHIPS' SURVEY

The chairman reported that he had contacted in person the Boston, Philadelphia and Mare Island Navy shipyards relative to the Navy's survey of increased costs of applying red lead paints and reported on these visits at previous meetings of the committee. These reports were made a part of the minutes of those meetings.

It was the committee's recommendation that no further visits to the Navy shipyards relative to the question of increased costs of applying red lead be made.

PAPER FOR HIGHWAY RESEARCH BOARD

It was the general consensus that none of our research projects have advanced to where a paper could be prepared for presentation before the

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members of the Highway Research Board at their next meeting. It was therefore felt that this should be dropped from the agenda until such time as the results of our test programs are further advanced.

FUTURE RESEARCH PROJECT

It was the opinion of the committee that an investigation of red lead in latex would be desirable and that consideration be given it at a future date.

There being no further business, the meeting adjourned at 4:55 P.M.

David M. Borcina

David M. Borcina
Secretary, Red Lead Technical Committee