

LEAD INDUSTRIES ASSOCIATION

400 LEXINGTON AVENUE

NEW YORK 17, N. Y.

RED LEAD DIVISION

SUBJECT TO REVISION

RED LEAD DIVISION MEETING

New York, N. Y.

September 29, 1944

A meeting of the members of the Red Lead Division of the Lead Industries Association was held in the Association's office on Friday, September 29, 1944. The following were present:

Members

A.C. Coets
Miles Koller
O.P. Rhobe
J.W. Gardiner
George Dickman
A.J. Eickhoff
David Meroun
Alex Stewart
P.F. Colecord

Representing:

Eagle-Picher Lead Co.
Eagle-Picher Lead Co.
Gliddens Co.
J. T. Lewis Co.
National Lead Co.
National Lead Co.
National Lead Co.
National Lead Co.
U.S. Smelting Refining & Mining Co.

P.E. Warner, Secretary

L.L. Carrick, Director of Red Lead Research

The meeting was called to order at 10:00 A.M. with Mr. Warner presiding.

The minutes of the previous meeting of April 14 were approved.

ELECTION OF CHAIRMAN

The chairman stated it was in order to elect a new chairman for the Division. It was unanimously agreed that the present incumbent continue to serve.

TREASURER'S REPORT

The treasurer submitted a financial statement as per Exhibit "A" attached (sent to members of the Division on September 22, 1944). He called attention to the fact that he had authorized, with the consent of the Advisory Committee, the expenditure of part of the remaining fund to defray the cost of a program of welding research at the Battelle Memorial Institute in order to ascertain whether or not the presence of red lead paint had any deleterious effect on a welded joint. Despite the authorization of this extraordinary expenditure (not to exceed \$5,000) the Red Lead Fund was expected to have a balance at the end of the year.



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PROGRESS REPORT

The chairman called on Dr. Carriak to summarize the progress that had been made and the report of Dr. Carriak is attached as Exhibit "B" (sent to members of the Division on September 22, 1944).

REPRESENTATION OF RESULTS TO NAVY AND U.S. MARITIME COMMISSION

The chairman requested the guidance of the meeting as to whether or not it was desirable at this time to prepare a definite recommendation, based upon the result of our research work to date, to the Navy and the Maritime Commission. It was the sense of the meeting that there should be a continual education of the Maritime Commission and the Navy in regard to the superior qualities of red lead as compared to other anti-corrosive pigments. It was decided not to make a recommendation to the Navy or the Maritime Commission in regard to specification changes until the L.L.A. low-cost red lead primers which were placed on exposure at the North Florida Test Station, Daytona Beach, Fla. August 6, have been on exposure for at least three months. At that time the test will have progressed to an extent that definite trends may be evaluated.

Discussion took place as to the proper means of presentation of technical results of the program to the Navy and the Maritime Commission and it was felt desirable for both the Association and member companies to further the recommendations based upon the technical cooperative work of the program.

BUREAU OF SHIPS PAINTS

In its cooperation with the Navy, the National Lead Co. has submitted a number of paints to the Bureau of Ships for test. These include L.L.A. Paints Nos. 4 and 6. These paints both have the outstanding Pigmentation J (red lead 55%, zinc chromate 10%, zinc oxide 10%, iron oxide 7%, magnesium silicate 10%, diatomaceous silica 8%). The vehicles are a short oil type. Both of these paints have been giving excellent service after one year of tide range and total immersion exposure at the National Lead Marine Test Basin, Sayville, L.I. This pigmentation was the outstanding pigmentation of the paints submitted to the Maritime Commission for test. It was learned that the Maritime Commission has been building a large amount of their experimental work during the past month around Pigmentation J.

TIME-POTENTIAL STUDIES

Mr. Stewart announced that the time potential studies of paint films were being continued at the National Lead Laboratory and the results would be made freely available after the investigation had been concluded, probably by the time the next Oibson Island Conference on Corrosion in 1948. The Navy was working closely with the National Lead Laboratory on this program.

The chairman in summing up the discussion, emphasized the magnitude of the job ahead and the importance of the educational work of the Association both among the top personnel in the Navy and Maritime Commission and among

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the staff who have direct charge of the paints selected and that the job was large enough for all factors in the industry to work upon cooperatively.

POLICY WITH RESPECT TO MULTI-PIGMENT RED LEAD PAINTS

The chairman requested an expression of opinion as to the policy to be followed by the Association in disclosing the results of this work as it related to the development of the multi-pigment formulations. It was felt that the Association could properly carry water on both shoulders, advocating either 100% red lead or multi-pigment red lead formulations depending upon the application and service expected.

It was the thought of Mr. Shobe that we must also consider mixed pigmentation primers which are now on exposure in Florida and also which have been developed by the L.I.A. during the past twelve months.

It was decided that the Association should prepare a series of bulletins which will carry multiple pigmentation formula suggestions for use by the 300-odd paint manufacturers of metal protective paints. It was the thought that these bulletins should show how zinc chromate paints and other anti-corrosive paints may be improved by the addition of red lead.

BUDGET

It was moved and seconded that a budget of \$20,000 for 1945 be approved by the Division subject to approval of the Board of Directors of the Association. The individual items in the budget are to be determined by the Secretary of the Association based upon experience and in the best interests of the Red Lead Program.

The meeting adjourned at 12:10 P.M.

W. A. Johnson
Chairman