

# LEAD INDUSTRIES ASSOCIATION, INC.

192 MADISON AVENUE

NEW YORK, N. Y. 10017

TELEPHONE - AREA CODE 512

ON 5-5222

SUBJECT TO REVISION

## THE L.I.A.--I.L.Z.R.O. HEALTH AND SAFETY COMMITTEE MEETING MINUTES

292 Madison Avenue  
New York City

October 16, 1964

The meeting was called to order by the Chairman, Mr. K. W. Nelson at 9:20 a.m. The guests were introduced by the Chairman.

### PRESENT

K. W. Nelson  
D. R. Diggs  
P. X. Worden  
W. M. Pallies  
H. E. Besselberg  
J. A. Taylor  
S. S. Pinto

### REPRESENTING

American Smelting and Refining Company  
E. I. du Pont de Nemours & Company  
Western Electric Corporation  
The Electric Storage Battery Company  
The Ethyl Corporation  
Delco-Remy Division of General Motors  
American Smelting and Refining Company

### STAFF

S. F. Radtke, Director, International Lead Zinc Research Organization  
R. L. Ziegfeld, Executive Vice President, Lead Industries Association, Inc.  
D. G. Fowler, Director of Health and Safety, Lead Industries Association, Inc.  
J. G. Bilek, Project Manager, International Lead Zinc Research Organization  
G. A. Alexander, Project Manager, International Lead Zinc Research Organization

### GUESTS

|                  |                                                     |
|------------------|-----------------------------------------------------|
| *R. C. Bell, Sr. | Consolidated Mining and Smelting Co. of Canada Ltd. |
| *W. C. Leek      | Charles Tennant, Sons and Company (Broken Hill)     |
| *A. Kurayama     | Mitsui Mining and Smelting Company                  |
| P. V. Higgins    | O. S. Tyson & Company                               |
| M. H. Davies     | Lead Development Association Ltd., London           |

\*Voting on ILZRO projects.

Agenda Item No. 1 -- The Minutes of the previous meeting were approved as received by mail.

Agenda Item No. 2 -- The Kettering Abstracts on Lead Toxicology.

Dr. Taylor presented the report of his Subcommittee and their recommendations which were as follows: (1) The abstracts should be published by the Lead Industries Association hopefully with financial support from LDA and ILZRO.

(2) They should be known as The Kettering Abstracts on Lead, and shall be published as received from Kettering.

Look Ahead with Lead

## LIA-ILZPO Health and Safety Committee Meeting Minutes

-2-

(3) Distribution shall be controlled and substantially as follows--Directors of State, Territory, and Local Departments of Health with Industrial or Occupational Health Divisions,

- Libraries of State Medical Associations,
- Library of Congress,
- Libraries of Accredited Medical Schools,
- Libraries of Accredited Schools of Industrial Hygiene,
- Personal list of Doctors in the Lead Industry, Familiar to Don G. Fowler,
- Lead Industry Association Membership.

(4) Every caution should be made in sending the Abstracts to physicians who are known to us as uncooperative.

(5) The total cost of the program shall be approximately \$10,000 per year broken down as follows: \$7,500 to the Kettering Laboratory; \$2,500 for printing and distribution, including personalized and ring binders. Unanimously approved by the Committee.

Agenda Item No. 3 -- Progress Report on Lead Information Program.

Mr. Higgins of O. S. Tyson reported on current and past experience with the new Lead Information Program as it has developed during 1964. Objectives of this program are to present in broad outline and with specific detail covering certain areas such as industrial hygiene, medicine, public health, and air pollution positive information about lead. Thus far this year letters have been written to State Health Departments mentioning the program and enclosing copies of the Kettering Symposium on Lead. Information has been developed and sent out on specific instances of distortion on T. V. (Ben Casey Program) and in the press.

The first unit of the booklet entitled "Facts About Lead -- Industrial Hygiene" was presented for Committee consideration. It was suggested that a redraft of this unit be made, submitted to the Committee for its approval and that it be published as the first unit of a Facts Bulletin in January. The redraft should include additional material on historical experiences in lead hazard control in industry, mentioning such outmoded ideas as the use of in-plant feeding of milk to lead workers. Other suggestions were made to add discussions of specific industries such as smelters for inclusion, either as separate units or in future revisions.

It was suggested that the next Facts Bulletin to be prepared should be "Facts About Lead -- Air Pollution" and that this should draw heavily upon the "Three Cities Survey Report" when this report is available.

There was considerable discussion of the program and detailed mention was made of newclippings and unfavorable press and magazine stories which have recently appeared.

Renewal of the program for next year was unanimously approved in the amount of \$35,000. This amount includes the cost of the Kettering Abstracts Program and will be reduced by the amount of the contribution to be received for this program from the LDA and from ILZPO.

Agenda Item No. 4 -- Proposal to engage specialty consultants.

The proposal had been received from a Committee member that our industry should retain consultants in several fields such as meteorology, veterinary medicine,

## LIA-ILZRO Health and Safety Committee Meeting Minutes

-3-

geology, and possibly other fields, whose function it would be to alert us of impending developments in their specialty which might concern us. No decision as to a method by which this objective could be reached but the suggestion was made that various members of the lead industry companies have on their staffs people whose talents could be tapped for this sort of work. Each committee member should endeavor to obtain such assistance from other members of his company.

Agenda Item No 5 -- Proposal to appoint lead public health committee.

A discussion of this proposal brought no clear cut conclusion from this Committee but it was agreed that there is a good basis for productive idea here but that further consideration should be given by each committee member to the idea with the view to crystallizing our thinking in time for the next meeting. Committee members requested this item be placed on the agenda for that meeting.

The objective of this proposal involves the assignment of developing ideas for our industry to investigate areas of potential lead hazards in which there is a gap in our knowledge.

Agenda Item No 6 -- Recent European Experience.

Mr. Fowler reported on lead hazard control as he found it in the several automobile plants that he visited recently. In general he found that engineering control measures were deficient.

ILZRO PROJECTS:Agenda Item No. 7 -- LH-86; Lead Glazes for Dinnerware; Rutgers University.

The contract was signed on September 1 and work is just getting underway. Therefore, no results have yet been achieved.

Agenda Item No. 8 -- LH-94; A Biochemical Approach to Lead Toxicity; Harvard Medical School.

|             |     |         |
|-------------|-----|---------|
| Approved    | For | Against |
| \$34,260.26 | 10  | 0       |

Agenda Item No. 9 -- ULH-15; Toxicity Study of Ingested Paint Film.

There was general agreement that this situation should be investigated but several members expressed their doubt as to the present project. It was agreed that this project would be taken for review to the appropriate governmental agencies and if approved by them in principle would be carried out.

|          |     |         |           |
|----------|-----|---------|-----------|
| Approved | For | Against | Abstained |
| \$7,900  | 3   | 2       | 5         |

Agenda Item No. 10 -- LH-79; Toxicity Testing for Organolead Compounds.

Toxicity results on the first six compounds submitted have not yet been received.

Agenda Item No. 11 -- LH-75; Human Exposure to Particulate Lead Compounds in the Air Under Experimental Conditions; Kettering Laboratory.

|          |     |         |           |
|----------|-----|---------|-----------|
| Approved | For | Against | Abstained |
| \$35,000 | 9   | 0       | 1         |

## LIA-ILZRO Health and Safety Committee Meeting Minutes

-4-

Agenda Item No. 12 -- IH-76; The Testing of Organolead Compounds for Possible Endocrinological and Anti-Mutagenic Activity; The Worcester Foundation.  
 Due to staff resignations from the Worcester Foundation this project has been terminated.

Agenda Item No. 13 -- ULR-1b; The Radioprotective Effects of Inorganic Lead; New York Medical College.

|                 |            |                |                  |
|-----------------|------------|----------------|------------------|
| <u>Approved</u> | <u>For</u> | <u>Against</u> | <u>Abstained</u> |
| \$10,054        | 7          | 2              | 1                |

Agenda Item No. 14 -- LC-69; Size Distributions of Atmospheric Lead Aerosols; Stanford Research Institute.

Final report received. Renewal not recommended by the Staff.

There being no further business, the meeting was adjourned at 2 o'clock.

*Don G. Fowler*  
 Don G. Fowler, Secretary  
 Health and Safety Committee

DGF:md