

MINUTES OF ANNUAL MEETING

of the

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

Wednesday and Thursday, June 19 and 20, 1968 at 9:30 A.M.

at the

Doral Country Club, Miami, Florida

MEMBERS

Apex Corporation  
 American Brakeblok Division  
 Auto Friction Corporation  
 Bendix Corporation, The  
 Friction Materials Division  
 Brassbestos Manufacturing Corporation  
 Forcee Manufacturing Corporation  
 Gatke Corporation  
 Johns-Manville Corporation  
 Marenmont Corporation  
 Grizzly Brake Division  
 Molded Materials Division  
 Carlisle Corporation  
 H. K. Porter Company, Inc.  
 Thermoid Division  
 Raybestos-Manhattan, Inc.  
 Raybestos Division  
 Royal Industries  
 Krasne Division  
 Scandura, Inc.  
 Silver Line Brake Lining Corporation  
 World Bestos Company, Division of  
 The Firestone Tire and Rubber Company

REPRESENTATIVES

S. S. Conway, Jr.  
 A. Comins  
 J. H. Kelly  
 W. Simon  
 L. Carreras  
 F. T. Gatke  
 A. J. Bette  
 J. W. Greenen  
 W. J. Vachout  
 C. R. Cawley  
 J. L. McGovern, Jr.  
 F. Z. Osborn  
 A. E. Daly  
 A. J. Roentgen  
 R. J. Allemann

OTHERS PRESENT

Apex Corporation  
 American Brakeblok Division  
 S. K. Wellman Division  
 Auto Friction Corporation  
 Bendix Corporation, The  
 Friction Materials Division  
 Forcee Manufacturing Corporation  
 Gatke Corporation  
 Johns-Manville Corporation  
 H. K. Porter Company, Inc.  
 Thermoid Division  
 Raybestos-Manhattan, Inc.  
 Grey-Rock Division  
 Raybestos Division

R. E. Nelson  
 R. C. Bringleb  
 J. E. Clegg  
 N. Comins  
 S. Comins  
 H. G. Hodson  
 C. Beazley  
 H. Boyle  
 F. T. Gatke, Jr.  
 S. V. Lukas  
 W. D. Schneck  
 C. W. Sachs  
 R. R. Moalli



F. M. S. I.  
Stickles, Hayden, Kennedy, Hort  
Z. Van Steenburgh

H. G. Duschek, Secretary

L. D. Stickles, Counsel

NOT PRESENT

Chrysler Corporation  
Chemical Division  
Lasco Brake Products Corporation, Ltd.

The meeting was called to order by Mr. Kelly, Chairman at 9:30 A.M.

MINUTES OF PREVIOUS MEETING

The members were advised that the minutes of the previous meeting held on June 21 and 22, 1967 had been distributed. Upon motion duly made, seconded and unanimously passed, it was

RESOLVED: That the minutes of the meeting held on June 21st and 22nd 1967 be accepted as distributed.

REPORT OF THE PRESIDENT

This is the first time that the annual meeting has been held in Florida so I wish you all a very hearty welcome to this sunny State and hope that you will enjoy all of the facilities available for your pleasure.

It has become traditional for the Institute President to review many of the conditions affecting business, the international situation and the general state of our national economy. I shall not comment on any of the foregoing since to do so would accomplish very little. Instead, let us discuss the state of our Institute and what we can do to improve it.

The reports to be presented by your Committee Chairmen will give you, in detail, what has been accomplished during the past year. Let us consider now what more could be done by the Institute for each of its members.

Let us give this Institute a new direction, beginning now. Let us effectively plan for the future and raise our organization to the status other similar associations have achieved. While there is no lack of desire on the part of our members to contribute, there is too often a lack of opportunity.

The Board, therefore, at yesterday's meeting dealt in detail with this problem. Your Board of Directors is ready and willing to develop this Institute into a more valuable association. To do so will require the assistance of each and every member.

An Institute Development Committee has been appointed to determine what the Institute can do, based upon what our members desire. While this committee is in its formative stages, you should start thinking about what the Institute should be doing for you.

Consider the thousands of dollars spent each year by each member on non-competitive activities that might be done better and more economically through the Institute. While we may assume little can be done because of legal restrictions, we have competent counsel to guide us. Do not limit your recommendations. We will never know how much we can do unless each of us submits our suggestions.

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P-FMSI- 0058

BRAKE LINING AND AIR POLLUTION

Mr. Bette reported that there has been a great deal of controversy and discussion on the causes of air pollution and that one of the industries blamed has been the asbestos brake lining industry as being the cause of silicosis.

His company, which has been conducting tests along various lines, decided to check the veracity of this accusation and made some very interesting tests on brake linings. The lining was tested on a dynamometer in a box and everything was measured and analyzed. It was found that brake lining is not a health hazard.

Mr. J. R. Lynch of the U.S. Public Health Service, Department of Health, Education and Welfare had been interested in the tests being made and visited the laboratory to see the work that had been done. He asked permission to use some of the results and then wrote a paper which will be released to the public in the near future in one of the journals on air pollution control. Of interest to the members is his conclusion:

"Only a very small proportion of the asbestos worn from brake linings is released as free fiber; the remainder is converted into some other mineral as a result of the extreme temperatures generated at small spots on the lining surface. Thus - although urban air contains a few free fibers as a result of brake lining wear - they represent a very small proportion of the total asbestos used in the manufacture of brakes. Many sources of respirable fibers not associated with asbestos products have been identified (12) and the free fibers from brake lining wear appear to be an inconsequential health factor in air pollution".

The members were very much interested in securing copies of the entire article so Mr. Bette advised that he would try to secure a copy for each member.

LOCATION OF NEXT ANNUAL MEETING

The meeting was asked for suggestions as to where the 1969 sessions should be held but, after discussion, it was decided that they again be held at the Doral Country Club. It was felt that proximity to the airport plus the recreational facilities and the excellent food and service were important factors in the selection of a site.

On the question of the members' wives being invited, the meeting was agreed that the meetings continue to be only for the members' representatives. There was no objection to the wives accompanying their husbands but since these were strictly business sessions, that the meetings, reception and dinner be attended only by the representatives.

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No further business was brought to the attention of the meeting, therefore, upon motion made and seconded, it was

RESOLVED: To adjourn

Adjourned at 10:40 A.M. on June 20, 1968

H. G. DUSCHEK  
Secretary

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