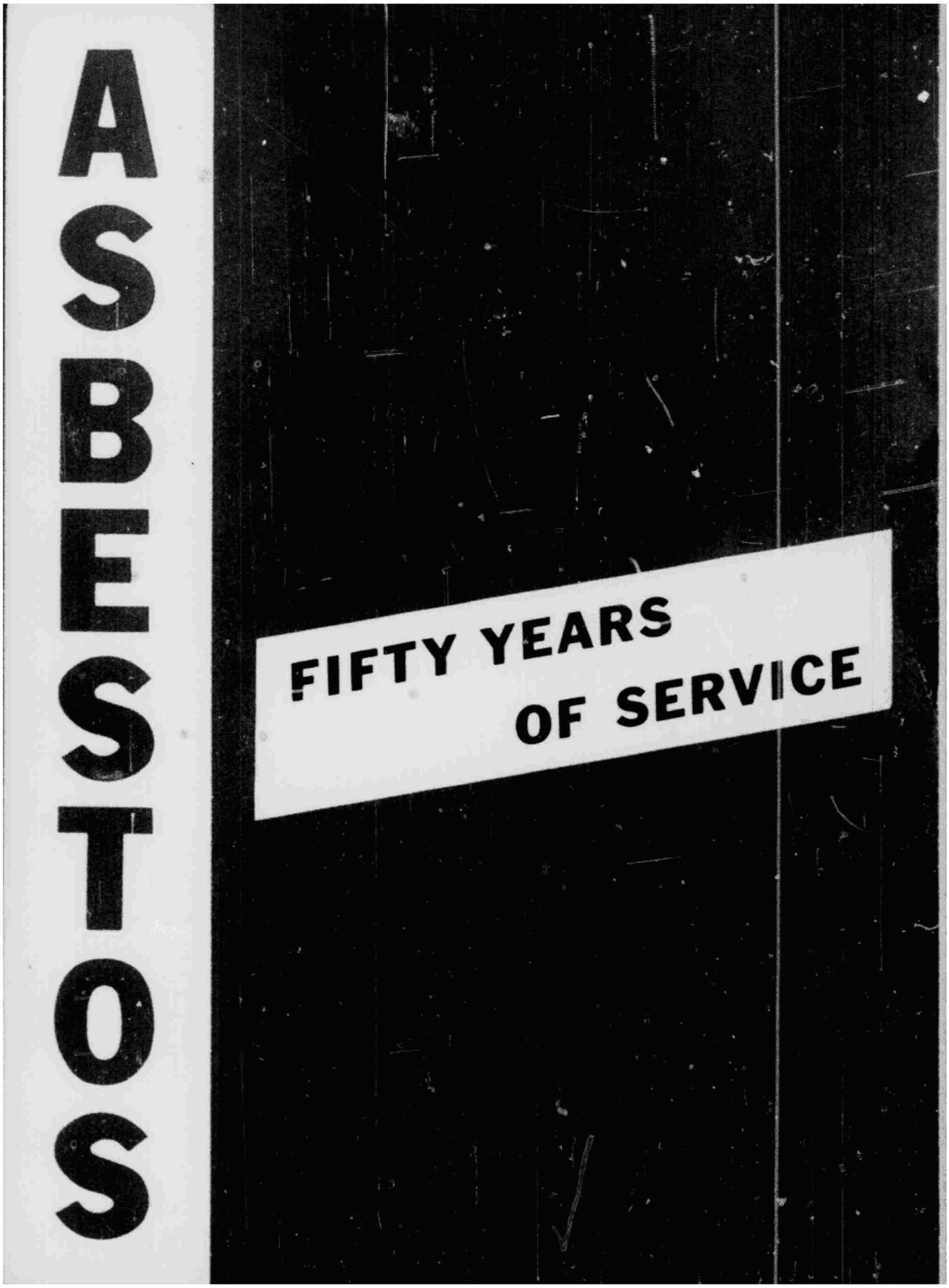




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# We wish to relinquish our normal commercial message to bring you this important announcement:

HAPPY BIRTHDAY, ASBESTOS

Raybestos® Manhattan


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# ASBESTOS

VOLUME 51 JULY 1969 NUMBER 1
FOUNDED JULY 1919 AND PUBLISHED MONTHLY SINCE THAT DATE

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EDITOR: Doris M. Fagan PUBLISHER: Carrell J. Stover

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[redacted]

Fifty years ago, in July, 1919, appeared the first issue of a new trade magazine titled ASBESTOS. The front cover bore the following inscription which was to continue for some six years thereafter:

> FURNISHING A COMMON VANTAGE GROUND WHERE THOSE INTERESTED IN ASBESTOS AND MAGNESIA MAY MEET FOR DISCUSSION.

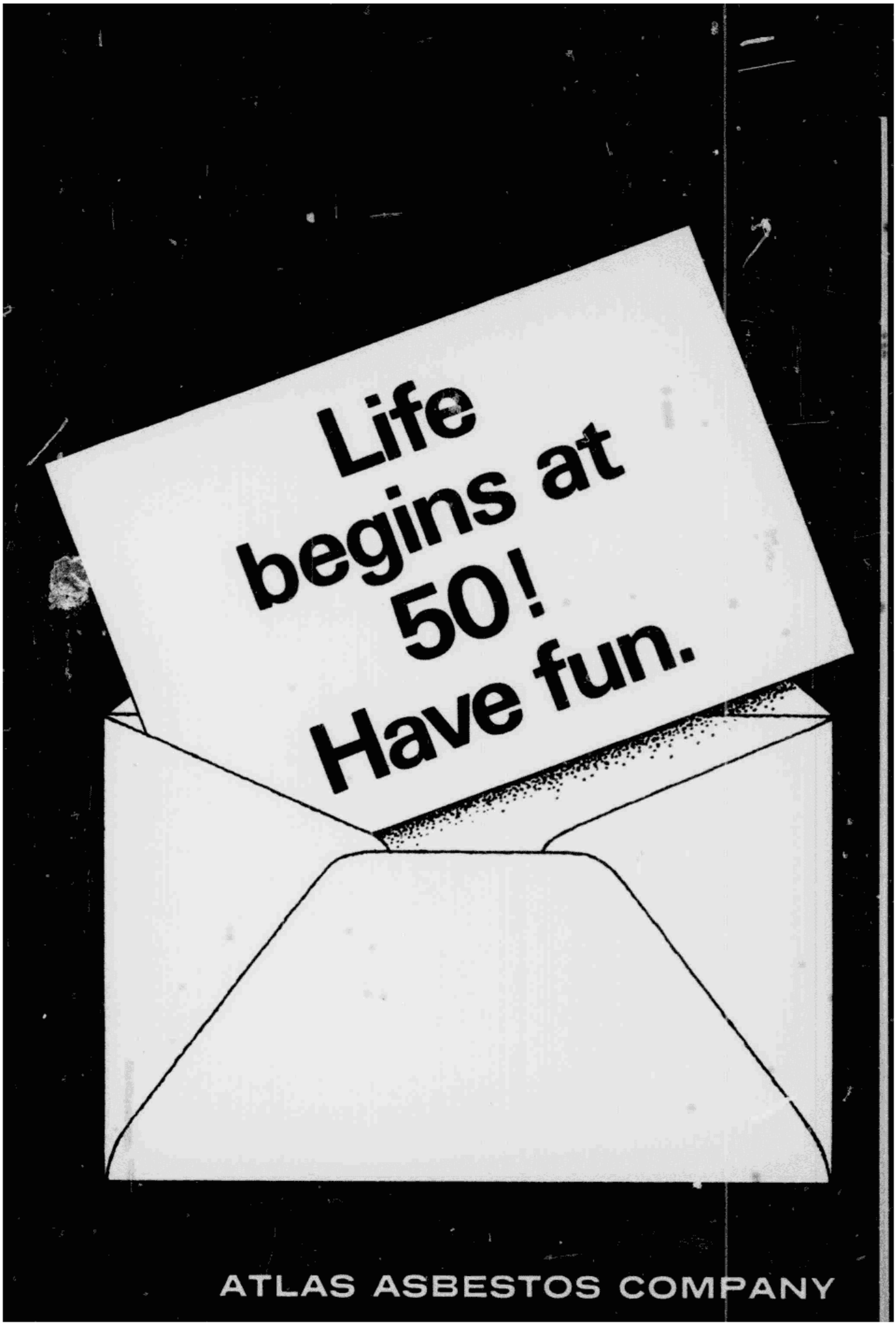
This magazine was the brainchild of C. J. (Jack) Stover, who first became associated with the Asbestos Industry in 1904 when he was employed by the Keasbey & Mattison Company in its accounting department. In 1912 he became Vice President of that company and in 1917 he resigned to make his services available to the entire Industry as an independent consultant. Several years later, with the encouragement of Industry leaders such as Dr. R. V. Mattison, George D. Crabbs and Alvin M. Ehret, to name but a few, he ventured into the publication of ASBESTOS. According to its masthead, the new magazine was "A Monthly Market Journal Devoted to the Interests of the Asbestos and Magnesia Industries."

The general "tone" of the magazine was set and well expressed in its first Editorial which is here reprinted in full:

"Greetings!

The purpose of these pages is to provide you with dependable information about Asbestos and Magnesia. We hope to publish each month something which may be helpful. As Editors, we admit freely that we have had no experience in editing, but we have had a bit of experience in the Asbestos and Magnesia Industry. It is on the latter that our hope of securing your interest and support is based. From many and varied sources we can secure figures which will provide valuable statistical information for you. The measure of success which will attend the publication of this journal will depend largely on the support YOU give it. When you come across items of interest, or have experiences which might be helpful to your colleagues, send them along and we will gladly publish. If we all will realize that the greatest accomplishment is always the result of teamwork, we can give the Asbestos Industry a boost that will help all along the line, from mine to consumer. Get set, with your good shoulder to the wheel. Then, all together—BOOST."


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Some of our newer readers may wonder about the emphasis placed on "Magnesia" in this first issue. In explanation, "85% Magnesia" was, at that time and for many years to come, *the* standard insulation for steam piping and process equipment operating at temperatures up to 600° F. The Magnesia Association of America was a very aggressive trade association which carried on a cooperative advertising program including advertisements in such then-prestigious national magazines as the Saturday Evening Post, in efforts to promote the use of its products. Since "85% Magnesia" contained 85% by weight of magnesium carbonate and 15% by weight of asbestos fiber, the makers of this product were among the larger early users of asbestos fiber and many of them were, or later became, manufacturers of other asbestos-based products. Hence, very close ties existed between "Asbestos" and "Magnesia."

That first issue consisted of sixteen pages. The second and third covers and two of the inside pages were "Reserved for Advertising." Another page was "Reserved for Advertising of the Magnesia Association of America" and yet another was "Reserved for Advertising of the Philip Carey Company, Cincinnati, Ohio," listed the principal products of that company and said, "Look for Carey's forthcoming ads." Since the next issue contained a full-page Carey advertisement, we can say Carey was our first advertiser. This early support which, to our pride and pleasure, has continued to this time without interruption, is most gratefully acknowledged.

Aside from the thoughts expressed in the first Editorial, another page headed "As to Advertising" contained some statements which further expounded the philosophy of the Founder as follows:

> "Asbestos (the magazine) is the only publication in the world devoted exclusively to the interests of (this industry) and is the only medium through which your sales story may be told directly, and without waste, to the folks engaged in the Industry.
>
> "Advertising space rates will be fixed from time to time to yield just sufficient income to pay the cost.
>
> "As income increases from advertising and paid subscriptions, it will be used for procuring better editorial matter and illustrations."


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*"Congratulations and Best Wishes on the Golden Anniversary of the 'White Gold' publication— ASBESTOS."*

# CASSIAR ASBESTOS CORPORATION Limited

**CASSIAR, B.C.** **CLINTON, Y.T.**

## PRODUCERS OF ASBESTOS

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| Cassiar AX | (Asbestos Cement Fibre) |
| Cassiar AY | (Asbestos Cement Fibre) |
| Clinton CP | (Asbestos Cement Fibre) |
| Clinton CT | (Asbestos Cement Fibre) |
| Clinton CY | (Asbestos Cement Fibre) |

Sales Representatives

**BELL ASBESTOS MINES LIMITED, THETFORD MINES, QUEBEC**

Head Office

**TENTH FLOOR, 85 RICHMOND ST. WEST, TORONTO 1, ONTARIO**




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The soundness of these principles, which have been consistently applied over the years, may well account for whatever measure of success the publication has enjoyed.

Jack Stover was not a wealthy man, certainly not in any position to play the part of a philanthropist but, based on his experience with asbestos and its products and his belief in the value of teamwork as a means to promote the products and hence the well being of the entire Industry, he undertook the establishment of a trade journal whose prime purpose was to serve the interests of that Industry, and that Industry *only*. True, he had the encouragement and implied backing of his many close friends in influential positions in the Industry. Armed with these, plus his own abiding faith in the future of asbestos and its products, he embarked on the publication of this magazine.

The fact that, from this unostentatious beginning, **ASBESTOS** has survived for fifty years and has grown in the process, indicates the validity of his basic philosophy. Along the way, there have been many opportunities to convert **ASBESTOS** into a rather profitable publishing enterprise with greatly increased circulation and advertising revenues. All such opportunities have been rejected because they all involved moving in directions which would have resulted only in diverting the magazine from its basic purpose—that of serving, exclusively, the interests of the primary producers, processors, manufacturers and users of asbestos and asbestos-based products.

Through the years—under the Editorships of the late Anna S. Rossiter, succeeded by Edith E. Cox, and under the present management—the basic policies laid down by the Founder have continued unchanged. As we embark on our second half century, a short restatement of policy may be in order:

**ASBESTOS** continues to be the only publication in the world devoted *exclusively* to the interests of the Asbestos Industry. Its sole purpose is to supply information of interest and value to the primary producers and processors of asbestos and to manufacturers and users of asbestos-based products, to the end


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that the entire Industry may benefit from increased usage of such products. The "profit" is that intangible one which redounds to the Industry as a whole through having an authoritative trade journal of its very own. Only through the support of our loyal advertisers and subscribers can we continue to serve this purpose. Their past cooperation has been invaluable and we hereby pledge to conduct our activities in such a way as to justify continuance of this support in the future.

With such support and with the help of all concerned in supplying timely information concerning important Industry happenings, we look forward with confidence to the future of **ASBESTOS** and to the continuing progress of the very important Industry which it is our privilege to serve.

*The members of*

*the*

**ASBESTOS TEXTILE INSTITUTE**

*extend their most sincere congratulations*

*to the publishers of*

**ASBESTOS MAGAZINE**

*on the occasion of its*

**GOLDEN ANNIVERSARY!**




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The ASBESTOS Magazine, by reason of its faithful reporting and efficient services, has become an indispensable part of the Asbestos Industry. We extend our most sincere congratulations to its publishers on the accomplishments of the first 50 years, and offer our very best wishes for its continued growth and prosperity in the years ahead.

ASBESTOS TEXTILE INSTITUTE

GAF Corporation extends its sincere congratulations to ASBESTOS Magazine on its 50th Anniversary, with compliments to its editor and publisher for the consistently high standards which they continue to maintain through the years.

In commenting upon the wide range of services which this fine publication renders in its unique field, we at GAF can range from the personal notes which give interesting information about people in the Industry to the industrial type case history. The latter type of feature is most interesting and helpful to everyone in the Industry and we recommend its continuation as a regular feature.

Best wishes for your continued success!

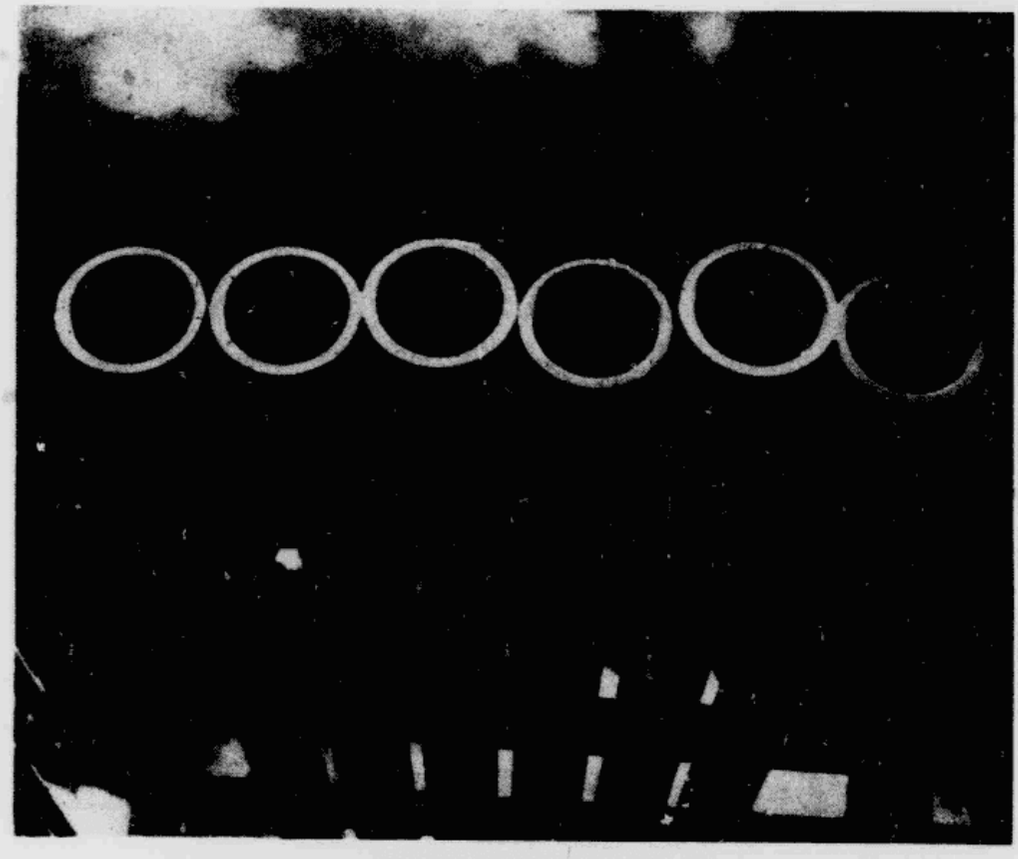
GAF CORPORATION

We are happy to salute the achievements of ASBESTOS Magazine during a half-century of publication. In the manufacture of Certain-teed asbestos cement pipe, we use selected asbestos fibers to provide toughness and tensile strength. Similar strength and durability have been demonstrated over the years by your magazine. Your editorial policy of reporting faithfully the events, products, and improvements in asbestos has provided a steadfast medium of communication in this great Industry.

*Malcolm Meyer, President*

CERTAIN-TEED PRODUCTS CORPORATION


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**Congratulations**
**to ASBESTOS magazine**
for fifty years of success! And —
**Thanks** to the asbestos fibers
that give Certain-teed A/C pipe so much
toughness and tensile strength!

**Certain-teed salutes you**

CERTAINTEED

Certain-teed Products Corporation, Pipe Division,
540 Pennsylvania Ave., Fort Washington, Pa. 19034

This is my 40th year as a subscriber—Congratulations on your 50th Anniversary!

*C. J. Crassons, Jr.*

Manufacturers Representative for
Asbestos, Magnesia & Mineral Wool

As one of the oldest remaining asbestos producers in Gila County and having been in the asbestos mining and milling business in Arizona for 29 years, I would like to comment on ASBESTOS Magazine.

We in the Arizona asbestos industry consider ASBESTOS Magazine one of the finest trade magazines published in the entire United States of America.

*J. L. Neal,* *President*

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# CONGRAT ULATIONS

*from one asbestos expert to another!*

**SCANDURA**

Scandura Limited, P.O. Box 19, Cleckheaton, Yorkshire, England.

*A member of the BBA group*





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As an interested reader of ASBESTOS Magazine for many years, we have always believed your publication has made an excellent contribution to the character and progress of our Industry. We extend our best wishes on the occasion of your 50th Anniversary and hope for your continued success in the dissemination of useful Asbestos Industry information for many future years.

*Robert E. Cryor,* *President*

NORTH AMERICAN ASBESTOS CORPORATION

Not only has the Asbestos Industry throughout the world a remarkably large number of inter-connections, but also products containing asbestos are sold to very many different industries. Therefore the need of companies within the Asbestos Industry for a regular source of information about all matters affecting the Industry is of paramount importance.

This need has been filled most successfully for the last fifty years by ASBESTOS, and I would like to thank our Industry's "Trade Journal" for what it has done in the past and to express my sincere hope that it will continue to provide us with continuing service for the next fifty years.

If it is to be successful in this task, ASBESTOS needs the support of all firms throughout the world within the Industry in the provision of news about all important events.

I wish ASBESTOS a happy Fiftieth Birthday and continuing success in the years ahead.

*R. H. Dent,*

*Chairman & Managing Director*

THE CAPE ASBESTOS COMPANY LIMITED


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# North American Asbestos Corporation

. . . . largest importer of Amosite and Crocidolite (Blue) Asbestos for customers in the United States, Canada, Mexico and the Caribbean Countries.

North American Asbestos Corporation, a part of the Cape Asbestos Group, is engaged exclusively in the marketing of Amosite and Crocidolite Asbestos.

Members of the Amphibole Mineral family, Amosite and Crocidolite Asbestos Fibres are used primarily as reinforcing and/or insulating elements in a wide variety of incombustible building materials and insulations. Prime uses include high pressure asbestos-cement pipe, high temperature thermal insulations, fire-rated acoustical ceiling panels and acoustical tile. Amosite and Crocidolite are also being employed as reinforcing fibres in many industrial plastic products.

Crocidolite Asbestos has the highest tensile strength of all mineral fibres. Amosite and Crocidolite both have greater chemical resistance than any other mineral fibre.



AMOSITE has the greatest fibre length of all types of asbestos.

Amosite and Crocidolite Asbestos are both available in a number of specialized gradings ranging in fibre length from approximately ¼" to 6". If you need information on how these unique, low cost mineral fibres can add to the quality of your products, please write or call . . .

## NORTH AMERICAN ASBESTOS CORPORATION

200 South Michigan Avenue, Chicago, Ill. 60604

Phone: (312) 922-7435 / Cable Address:

NORAMCO, CHICAGO





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My association of 40 years with the insulation industry has left me with many pleasant memories of its people, particularly those connected with ASBESTOS Magazine. I am glad to hear that it is still going strong. Heartiest congratulations on the first *Fifty* and long may it continue its lines of communication.

*Alvin M. Ehret, Jr,*

---

Few people, outside of the Asbestos Industry and probably not many in it, realize the depth to which their lives . . . everything they eat, drink, wear, ride or use, at some point, has been made possible, useful or safe through the employment of asbestos in some form.

The 50-year-old worldwide publication ASBESTOS has communicated single-handed and most effectively a constant flow of worthwhile news that has contributed so much to the Industry's growth and progress.

*Grant V. Wilson,* *President*
GRANT WILSON, INC.

---

I started with Johns-Manville the year Jack Stover issued the first copy of ASBESTOS.

Your anniversary number will bring nostalgic memories to many old-timers in the Industry.

For many years I contributed Canadian mining data and occasional articles to Miss Rossiter and Miss Cox.

Best Wishes to ASBESTOS!

*John C. (Jack) Kelleher*


Published by AsbestosClaims.Law
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I should like to extend my warmest congratulations to ASBESTOS on attaining its Golden Jubilee of continuous publication. We in Turner & Newall have read this journal since the first issue.

For half a century ASBESTOS has been unique in providing universal coverage of matters appertaining to all branches of the Industry. Consequently, it is invaluable not only as a source of general information upon technical innovations, new products, statistical data and personnel affairs, but also in creating for the asbestos world a sense of corporate identity.

*R. M. Bateman,* *Chairman*
TURNER & NEWALL LTD.


# Congratulations young'un!

Since Asbestos Corporation has been around for some 94 years we can be permitted to think a 50th Anniversary is just a "middle-aged" occasion. But let's give credit where it's due. Both Asbestos Magazine and Asbestos Corporation have something in common . . . a history of growth and service. For us it's in the strength of our fibre. For Asbestos Magazine it's the strength of its prose. Now, let's see you reach 100.

ASBESTOS

**ASBESTOS CORPORATION LIMITED**
**Thetford Mines, Quebec, Canada**






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While congratulating ASBESTOS on your 50th Anniversary, we also want to thank you for the fine job of bringing news and asbestos facts to readers the world over.

Now let us work toward your *Centenary!*

*R. J. Merrill,*
*President & General Manager*
CAREY-CANADIAN MINES, LIMITED

---

My first introduction to the Asbestos Industry was through an early 1920 issue of ASBESTOS Magazine. Each issue, especially since 1944, has kept me informed of the Industry's progress and also regarding the many people I know in the Industry.

May the next 50 years continue to be successful years for both ASBESTOS and the Industry.

*J. L. Tucker,*
TEXTILE CONSULTING ENGINEER

---

Asbestos during the last decades has continued to increase in importance in world economy, and will doubtless have an even more important role in the future.

As felt suppliers, my Company has been associated with the asbestos cement industry throughout its existence and I have much appreciated the useful work done by ASBESTOS Magazine in its worldwide dissemination of technical and commercial information. Without this the tempo of development would have been much slower, and we congratulate ASBESTOS on the part it has played. The publication now enters its fifty-first year and we are certain will continue to be a major influence in the continuing expansion of the trades dependent on asbestos fibres.

News has value and ASBESTOS sees we get it!

*T. M. Hardman,* *Managing Director*
THOMAS HARDMAN & SONS LTD.


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# HARDMAN'S

The Largest Manufacturers of

# ASBESTOS CEMENT FELTS in Great Britain

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Allow me to extend congratulations to your publication ASBESTOS upon the celebration of its "Fiftieth Anniversary." It is an achievement worthy of commendation and on behalf of the President and Officers of our Association may I join the large number of subscribers to your publication in "extending our sincere appreciation for the most informative and interesting content of the various issues of ASBESTOS and in hoping that your past accomplishment will stimulate you to carry on for another fifty years."

Our best wishes for continued success.

*Paul-A. Filteau*

QUEBEC ASBESTOS MINING ASSOCIATION

---

Johns-Manville people congratulate ASBESTOS Magazine in its 50th year of continuous publication. Half a century of service to this important Industry is an enviable accomplishment. We salute your first 50 years and wish you growth and success for the next 50.

*C. B. Burnett,* *President*

JOHNS-MANVILLE CORPORATION

---

**Canadian Johns-Manville Co., Limited**

is delighted to have the opportunity of extending congratulations to ASBESTOS on the celebration of its Golden Anniversary.

Fifty years of publication of ASBESTOS is indeed an outstanding achievement. During this span of years ASBESTOS has devoted its pages to news and articles on the Asbestos Industry. In doing so, it has contributed greatly to the Industry and maintained a unique association with the Industry.

*We wish* ***ASBESTOS*** *continued success.*


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# Asbestos on the moon.

When we get to the moon, asbestos will be there, too. For our asbestos fibers fortify J-M Min-K® insulation, specified for the Lunar Excursion Module in the Apollo Project.

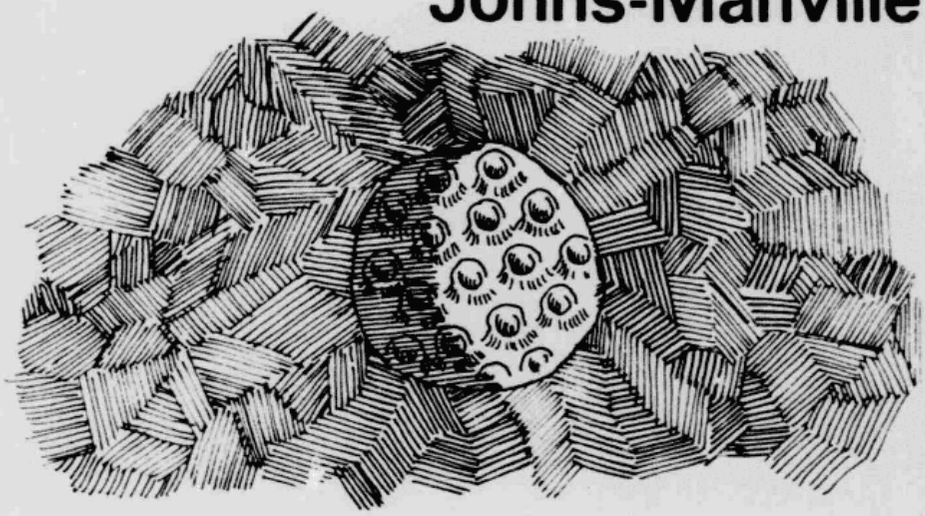
Back on Earth, you can find asbestos just about everywhere you look. In industry, our asbestos fibers add strength and fire-retardant qualities to J-M Transite® pipe, insulation, and clutch and brake linings. To mention just a few.

We have over 100 grades of asbestos. For just about any application imaginable. We'd like to show you what they can do for you.

Contact your local J-M representative. Or the Canadian Johns-Manville Co., Ltd., Box 1500, Asbestos, P.Q. Or Johns-Manville, Asbestos Fiber Sales, Manville, New Jersey, U.S.A.

JM

Johns-Manville







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Sincere congratulations to ASBESTOS and its staff on the occasion of your Golden Anniversary.

As a retired "elder statesman" of the Asbestos Industry who knew your Founder, C. J. (Jack) Stover, as a warm friend, and experienced the industry-wide values of ASBESTOS under his co-operative policies, I would like to express a further thought.

I congratulate Carrell J. Stover as the new Publisher of ASBESTOS, a worthy son of an illustrious father. This assures continuance of industry-wide values with improvements as developments permit.

*Reuben H. Chase*

---

I have been a reader of ASBESTOS Magazine for over 30 years and a subscriber since 1951.

During this time, the information contained in your publication has been both informative and helpful in the handling of rate negotiations to permit the producers on this Railway to reach the various markets with their product. It has also been useful for reference purposes as a source of information relative to grades and prices.

The economic resumes have been helpful to us in anticipating requirements of our patrons; also the statistics and personal references.

You are to be congratulated on the occasion of your Golden Anniversary and it is our hope that the magazine may continue as a medium of service for the Industry.

*C. G. Blake,*

*Manager-Freight and Passenger Traffic*
QUEBEC CENTRAL RAILWAY COMPANY


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# Calidria ASBESTOS
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**CALIDRIA Resin-Grade 244.** For maximum thickening efficiency in polyester spray-up and hand lay-up laminating resins and gel coats... also as an effective thickener for plastisols and organosols.

**CALIDRIA Resin-Grade 144.** Efficient, low-cost thickening agent and thixotrope for epoxy resin systems... effective with amine hardeners... provides excellent viscosity control in coatings, adhesives, sealants.

**CALIDRIA Resin-Grade 110.** Superior fiber reinforcing agent for polyester premixes... gives excellent and consistent flow control at low concentrations... minimizes nozzle plugging and erosion in sprayable asphaltic compositions.

For information about the complete line of CALIDRIA Asbestos Products, and its uses as an extender, thickener, reinforcer and opacifier, write to Union Carbide Corporation, 270 Park Avenue, New York, New York 10017, Dept. JFW, Fifth Floor.

UNION CARBIDE THE DISCOVERY COMPANY

CALIDRIA is a trade mark of Union Carbide Corporation





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We join the multitude of readers of your fine trade publication in extending our heartiest congratulations upon your 50th Anniversary.

A fine record for a fine magazine and its staff.

*J. H. Steiner,* *Chairman of the Board*
SUPRADUR MANUFACTURING CORPORATION

---

With our congratulations to your Fiftieth Anniversary we wish to express that we have always appreciated—nearly since its first issue—to read and study ASBESTOS for its always up-to-date information and reports on the asbestos mining and manufacturing industry over the whole world.

Our best wishes for many further successful and prosperous years.

"TROPAG" OSCAR H. RITTER (NACHFLG.) KG

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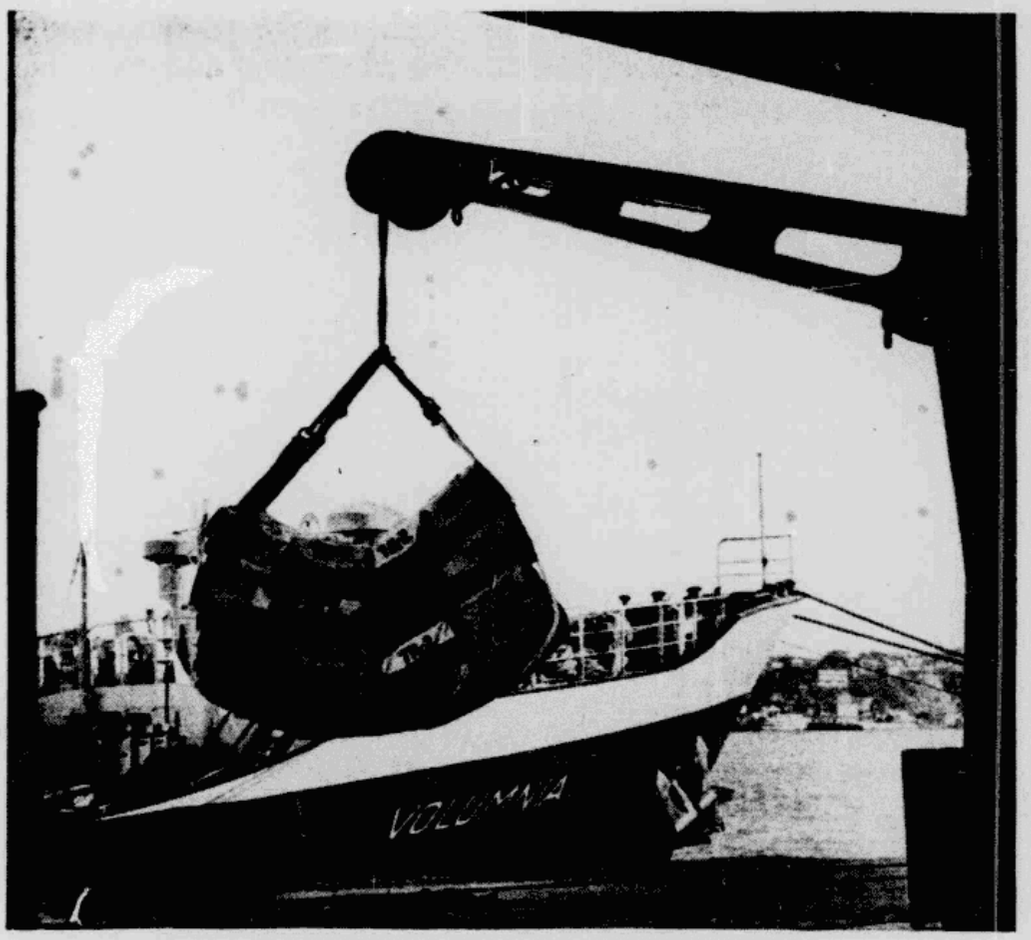
National Gypsum Company and its subsidiary, National Asbestos Mines Ltd., wish to extend our sincere congratulations to the editors and staff of ASBESTOS on the occasion of your Golden Anniversary.

We at National Gypsum Company have always viewed with interest the valuable information published in your magazine. As a mining, processing, and manufacturing company, we are continually researching new products containing asbestos which we hope will add to the many uses of this magic mineral. ASBESTOS Magazine helps to stimulate our thought processes to do a better job in these areas.

In this, the beginning of the Space Age, we in America must concentrate our efforts towards the exploration of new ore bodies and in the research and development of new products if we wish to profit by the changing times and increased demand for asbestos.

We send our best wishes to you at ASBESTOS Magazine and sincerely hope that your second 50 years will be as successful as the first.

NATIONAL GYPSUM COMPANY



# GOLD BOND
# ASBESTOS FIBRES

**Destination: Anywhere!** Through our vast network of overseas representatives, a complete selection of Gold Bond® milled Asbestos Fibres can be shipped anywhere in the world, promptly and efficiently. For your nearest representative, write National Asbestos Mines Ltd., Thetford Mines, P. Q., Canada. (Subsidiary of National Gypsum Company.)

Gold Bond
ASBESTOS FIBRES

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Our congratulations and best wishes for your 50th Anniversary. We greatly appreciate the service your magazine has rendered over these many years to the Asbestos Industry.

*Michael J. Messel,* *President*

LAKE ASBESTOS OF QUEBEC, LTD.

We at Raybestos-Manhattan salute ASBESTOS on your Fiftieth Anniversary.

From your earliest days ASBESTOS worked diligently to provide all of us in the Industry with a steady flow of significant information. Since asbestos plays such diverse manufacturing roles tod y, your publication now covers the activities of many interr lated industries. You have grown with the Asbestos Industry, and serve it now with greater distinction than ever before.

Please accept our warmest greetings on your Fiftieth Anniversary, and our best wishes for the years to come.

*William S. Simpson,* *President*

RAYBESTOS-MANHATTAN, INC.

**Congratulations On Your Fifty Years**

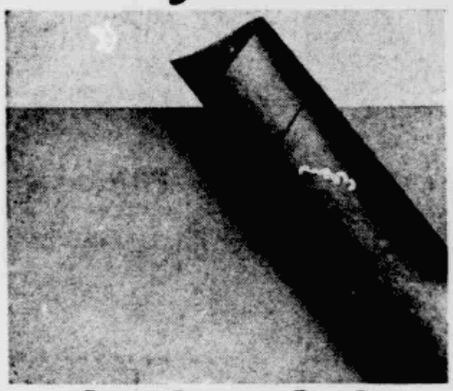
**Of Service to the Asbestos Industry!**

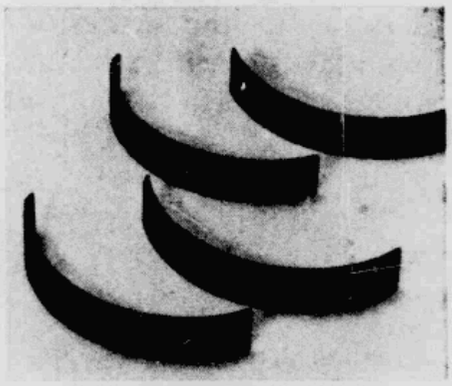
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Flintkote Mines Limited congratulates ASBESTOS on its Golden Anniversary. Your publication has been a source of great pride to the Asbestos Industry through the last half century of sustained growth and you have our best wishes for continued success in the future.

*J. A. Main,* *Vice President*

FLINTKOTE MINES LIMITED

---

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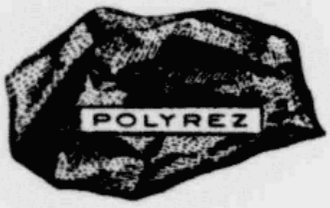
*(July 1919 ASBESTOS)*

Southern Asbestos Manufacturing Company, Lincolnton, North Carolina, has been incorporated with capital stock of $300,000, the purpose being to manufacture asbestos textiles. The incorporators are C. E. Childs, W. E. Truesdale and others.

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## ATI General Meeting

The Asbestos Textile Institute held its second General Meeting of the year on June 18-20, 1969, at the Seaview Country Club, Absecon, New Jersey.

The usual committee meetings were held by the Air Hygiene and Manufacturing, Sales Promotion, and Environmental Study Committees. In addition, a joint meeting was held between Subcommittee A-4 of ASTM Committee D-13 and ATI's Technical and Fiber Testing Committees. At the General Meeting on Friday morning, President E. A. Schuman announced that the recent application of Nicolet Industries, Inc. for Regular Membership in the Institute had been approved by the Board of Governors.

P. E. Leclerc, Regional Sales Manager for Asbestos Corporation Limited, reported on the present situation in world markets for asbestos fibers. The overall demand is high and there is an acute shortage of quality Group 3 spinning fibers. The markets in the United States and overseas have been generally strong for the grades comprising Group 3 and inventories of producers are about 70% below what they were a year ago. Asbestos Corporation will attempt to satisfy part of the predicted demand for the next few years by increasing production.

Edward W. Fisher, Supervisor of Product Engineering, Garlock Inc., gave a most interesting and informative talk on "The Use of Asbestos Textiles in the Packing Industry." In line with his talk, Mr. Fisher showed samples of various types of packings incorporating asbestos textile components.

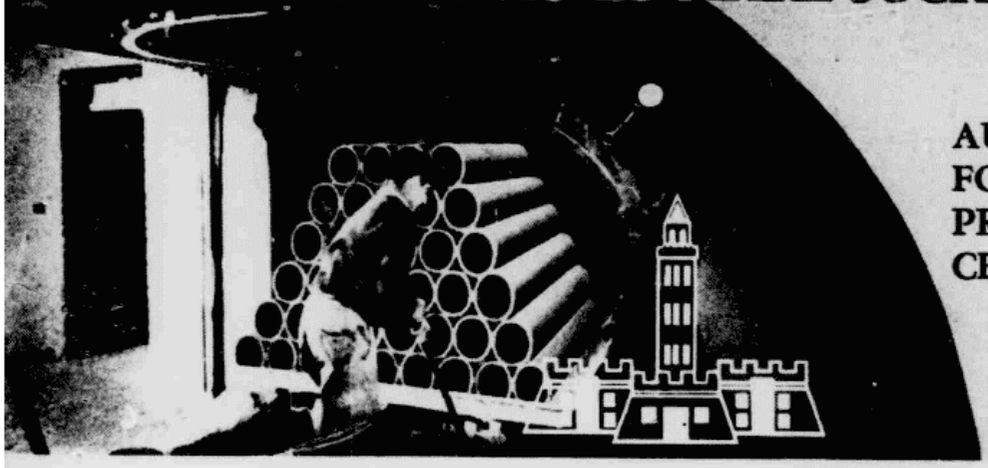
*ATI will hold its next General Meeting* on October 8-10, 1969, at The Carolina Hotel, Pinehurst, North Carolina. This meeting will commemorate the *25th Anniversary* of the founding of the Institute and a large attendance is anticipated. J. L. Rainey, Vice President of American Asbestos Textile Corporation, was appointed Chairman for the 25th Anniversary Program.

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NATIONAL GYPSUM COMPANY and *Behring Properties, Inc.* have announced that due to lack of agreement on values, negotiations relative to the acquisition of Behring

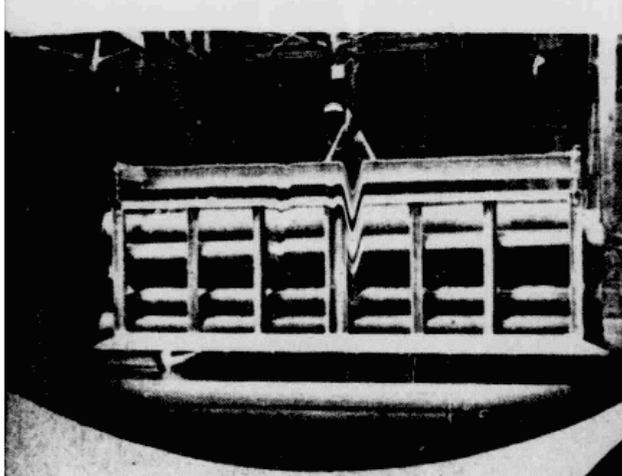

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AUTOMATIC PLANTS TO MAKE SOCKETED PIPES

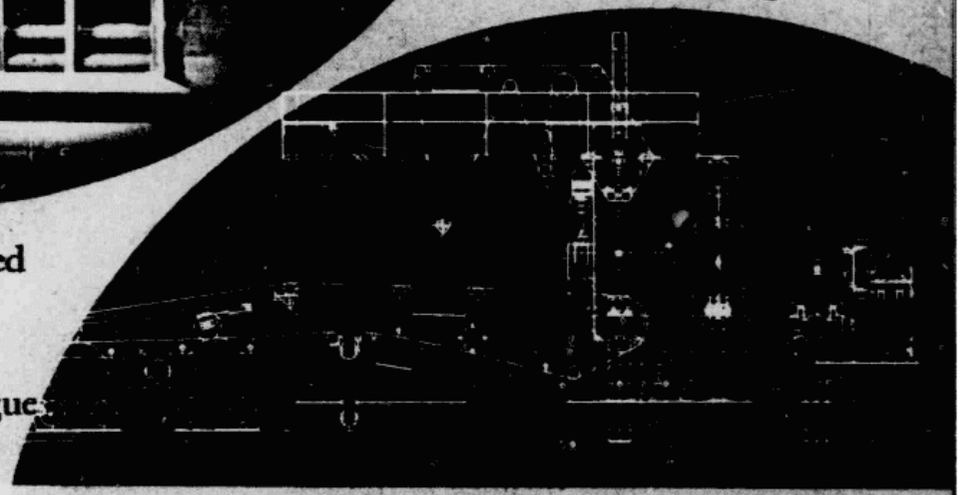


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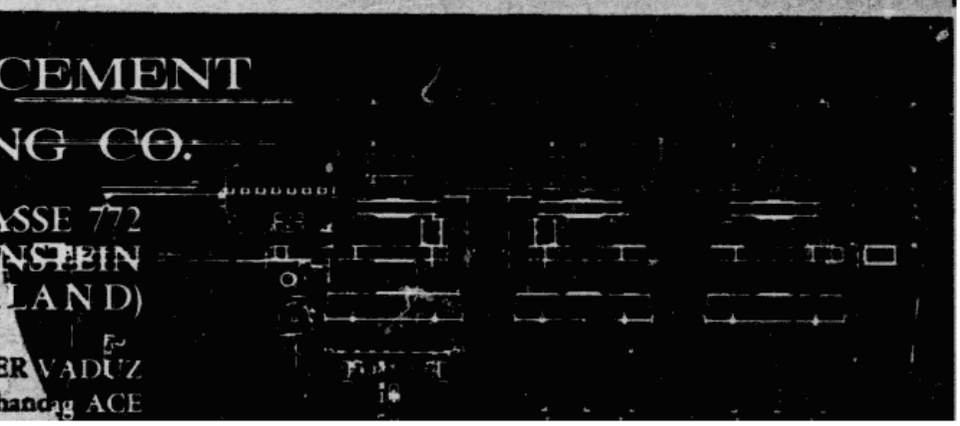


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## Pacific Asbestos Corporation

### Subsidiary of H. K. Porter Company, Inc.

Pacific Asbestos Corporation, Copperopolis, California, has begun physical operations as a subsidiary of H. K. Porter Company, Inc., Pittsburgh, Pennsylvania.

Pacific operates an open-pit asbestos mine and a processing mill. As a Porter subsidiary, Pacific Asbestos will provide new advantages for customers. In the past, the mine and mill were run separately. Now, as one operation, the Company believes it will have better coordination between sales and production. Mill equipment improvements are scheduled for this year and 1970 to achieve additional fiber recovery from the mined ore.

Pacific produces chrysotile asbestos fiber, in grades 4 through 7, which is mainly used in building products, paint, automotive friction products and sealing compounds. Based on current production capacity of 40,000 tons of fiber per year, estimated mine reserves will last at least 20 years. Shipments are transported by rail and truck directly to customers mainly located west of the Mississippi River.

President of the new subsidiary is *J. A. Pierce*, who is also a Vice President of Porter. *Philip E. Holmes* is Vice President and General Manager of Pacific Asbestos.

## In Memoriam

STEPHEN M. STEVENS, age 86, passed away May 27, 1969, after a two-month illness. He was President of Stevens Asbestos Products Company, Tulsa, Oklahoma, and a pioneer in the Asbestos Industry.

Mr. Stevens was born in Bountiful, Utah, and began his career in 1920 when he became a salesman for Johns-Manville Corporation. In 1929, he opened his own business in Tulsa.


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As yarn or fabric, Asbeston comes in the widest variety of weights and sizes for every application. For details, write Uniroyal Fiber and Textile, 350 Columbia Road, Winnsboro, South Carolina 29180.

## Abitibi Asbestos

Abitibi Asbestos Mining Company Limited has successfully completed the first stage of its program designed to permit extensive bulk sampling of the asbestos deposit in Maizerets Township, Quebec, Canada. The property is being developed by the partnership formed between Abitibi Asbestos and Minbanco Corporation (the new name of Shield Minerals, Inc.).

A two-compartment shaft has been collared in bedrock at a depth of 69 feet through overburden composed of sand and silt. The headframe and surface facilities have been installed, thus permitting underground rock work.

Tests on drill core samples indicate the asbestos content falls within the cement grade fiber groups 4, 5 and 6. The bulk sample will be taken at a vertical depth of 200 feet for 800 feet across the width of the deposit. A representative sample of 250 tons will be shipped for testing at the Pilot Plant of the Quebec Department of Natural Resources.

One-hundred million tons of asbestos-bearing rock amenable to open-pit mining have now been indicated by drilling and Abitibi will continue drilling to explore and define the limits of the deposit.

---

ASTM MEETINGS IN SEPTEMBER—Committee C-3 on Chemical-Resistant Nonmetallic Materials, Clayton Inn, St. Louis, Missouri, September 17-19; Committee C-20 on Acoustical Materials, Neil House, Columbus, Ohio, September 24-26; Committee E-12 on Appearance of Materials, ASTM Headquarters, Philadelphia, Pennsylvania, September 25-26; Seminar on Building Construction Standards, ASTM Headquarters, September 29-30.

## *Remember When?*

*(July 1919 ASBESTOS)*

The National Asbestos Company, Jersey City, New Jersey, has been incorporated with capital stock of $1,500,000. The company will take over the business of the National Air Cell Covering Company. Of the 15,000 authorized shares of stock available, John A. Scharwath has subscribed for 12,500 shares.


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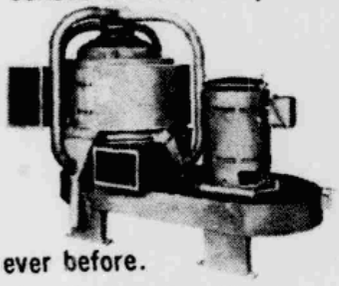
## Use the Bauer one-two punch.

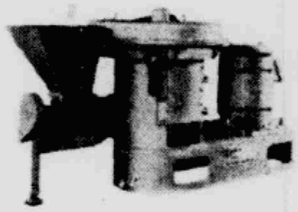
Want to make a better product at lower cost? Or a new, finer product for new markets? Investigate the Bauer Hurricane Pulverizer-Classifier and Centri-Sonic Classifier. This one-two combination is streamlining production, saving space, reducing labor and operating costs, and improving quality in many plants.

The Hurricane Pulverizer-Classifier is a rugged air attrition mill with integral classifier. Applications include opening shorter grades of fibre to controlled levels, processing groups 5, 6, 7, as well as floats and tailings, and extracting impurities from usable fibres. Also excellent for recovering usable fibre from material normally sent to the tailings dump, and for classifying fibres collected in dust filters, etc. Simultaneously, this one machine pulverizes, provides sharp classification, extracts impurities, and air conveys material to next operation. Sizes to 150 HP.

When fibre cannot be separated from gritty impurities by conventional methods, add the Centri-Sonic Classifier. This high capacity centripetal classifier does the job with ease! Three sizes, up to 100 HP and 10 tons per hour. Ask for descriptive Bulletins G-4 and G-8.

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IIHRP PROGRESS REPORT—The second Insulation Hygiene Progress Report (Summer 1969) has been issued by the Insulation Industry Hygiene Research Program (IIHRP). Following is a brief summary of items of particular interest in this latest edition.

William J. Nicholson, Ph.D., has been appointed Program Coordinator for IIHRP and Duncan A. Holaday, a veteran in occupational health work, has joined the Program as a consultant to several task forces studying specific health problems of the insulation industry.

Two articles describe preliminary field testing of several variations of a newly designed mask for protection of workers against inhalation of dusts created by working with insulating materials on the job.

Also announced is development of a new coating process to prevent dust from shaking loose from various insulating materials during shipment and unpacking and handling in the field.

Copies of this and future reports may be obtained by writing: Mr. Matthew M. Swetonic, Public Relations Department, Johns-Manville Corporation, 22 East 40th Street, New York, New York 10016.

(This Program and the first Report were described in May 1969 ASBESTOS.)

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THE CANADIAN GOVERNMENT has expanded its operations in the Asian and Pacific Rim areas with the opening of a trade office in Bangkok, Thailand. This is the 74th of such offices maintained by the Trade Commissioner Service in 51 countries. In 1967, Thailand imported $1.2 billion in goods, of which more than two-thirds were manufactured items.

## *Remember When?*

*(July 1919 ASBESTOS)*

Application has been entered for a friendly receivership for the Baltimore Roofing & Asbestos Manufacturing Company, Asbestos, Maryland. Early this year, R. M. Nichols, former President of Bramco, resigned and was succeeded by the former Vice President, O. R. Emigh.


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# MARKET CONDITIONS

## General Business.

While general business continues good, the outlook for the future is not at all clear in view of the recent rise in the prime interest rate to a historically high level and the controversy in Congress over extension of the income tax surtax versus an extensive overhaul of the whole tax structure. The general feeling of uncertainty on the part of individual and institutional investors is indicated by the substantial declines registered in major U.S. securities markets since the middle of May. The fear of a "credit crunch," the thought that moves to halt or slow inflation may be taking hold and may result in a recession of significant proportions, the lack of signs of any real progress toward ending the Vietnam war and the continuing problems of racial and student unrest all contribute to this uncertainty as to the future of the economy. Despite these negative factors, businesses are still making substantial capital expenditures and it appears that this spending is now a major factor in sustaining the current high rate of economic activity. How long this situation can continue is open to question. Should business, as a whole, suddenly decide to curtail such spending the economy could suffer a severe setback. The real question seems to be how much of a reduction in overall business activity, accompanied by an increase in unemployment, will the country tolerate in order to bring inflation under control.

## Asbestos Fiber.

For the four months ending April 1969, Canadian asbestos fiber shipments were approximately 11% below the level for the same period in 1968.

The demand for all asbestos fiber grades continues to be strong in practically all markets. In general, the balance between supply and demand for the Canadian producers is favorable in that most grades are in relative short supply.

To date in 1969, the demand for most grades of asbestos in the United States market has been strong. The upward


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served to create and maintain the demand for asbestos. Whether the same level of demand will continue during the last half of 1969, in view of the various measures being taken to slow down the economy, remains to be seen.

The Japanese market for asbestos fiber continues to be strong and it is increasing at a rapid rate. Both Russian and African asbestos is being used in increasing quantities in this market and these fibers are replacing Canadian grades. However, Canada is the principal supplier of asbestos to Japan, by a wide margin.

## Asbestos—Manufactured Goods.

*Asbestos Textiles:* Demand for asbestos textile products is strong and this situation is expected to continue for the balance of this year. Deliveries on some products are extended and manufacturers are concerned because of the short supply of virtually all grades of fiber suitable for spinning.

*Asbestos Brake Lining:* The present market for all friction materials, including disc brake pads, is very good and it is expected total sales for 1969 will be greater than those for 1968.

*Asbestos Paper:* Sales of this product show a slight reduction in recent months but expectations are for an offsetting increase for the last half of the year.

*Asbestos Millboard:* Volume of sales is showing some increase and it is thought present levels of sales will continue throughout 1969.

*Asbestos Felt:* Present demand is strong but there is continuing pressure on prices. Price increases as of January 1, 1969, have been only partially effective due to pressure for lower prices by users. Any curtailment in building, resulting from the tighter money market, may adversely affect sales during the last half of this year.

*Asbestos Corrugated Sheets:* Sales are lower than those for the comparable period in 1968 and there are no indications of an upturn for the balance of this year.


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Sheet machines with four cylinder moulds and adjacent fully automatic sheet production lines and pre-curing means.
Pipe machines with one or two cylinder moulds for pressure and non-pressure pipes of nom. diameters 50 to 1600 mm and maximum pipe lengths of 6 m.
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*Asbestos Flat Sheets:* Business in some markets is about 15% lower than that of last year. In other areas an increase of about 10% is noted. Overall, 1969 sales will probably be slightly lower than those of 1968.

*High Pressure Insulation:* Bookings for the first half of 1969 have been below normal levels and the outlook for the second half does not look overly encouraging. It is felt that most appropriations for this year have already been spent and any improvement will have to wait until the beginning of 1970.

*Asbestos-Cement Pipes:* Sales in the East have been equalling those of 1968 but Western sales are not nearly so high as those of last year. Overall, sales are about the same as those of 1968 to this point and no drastic downturn during the last half of this year is foreseen.

**The above comments have been made by various informed executives in the Industry. All comments are welcome.**

---

DR. LEWIS M. BRANSCOMB has been nominated Director of the *National Bureau of Standards*. He will assume his new duties on the retirement, on August 31, 1969, of *Dr. Allen V. Astin*. Until recently, Dr. Branscomb was a member of the President's Science Advisory Committee.

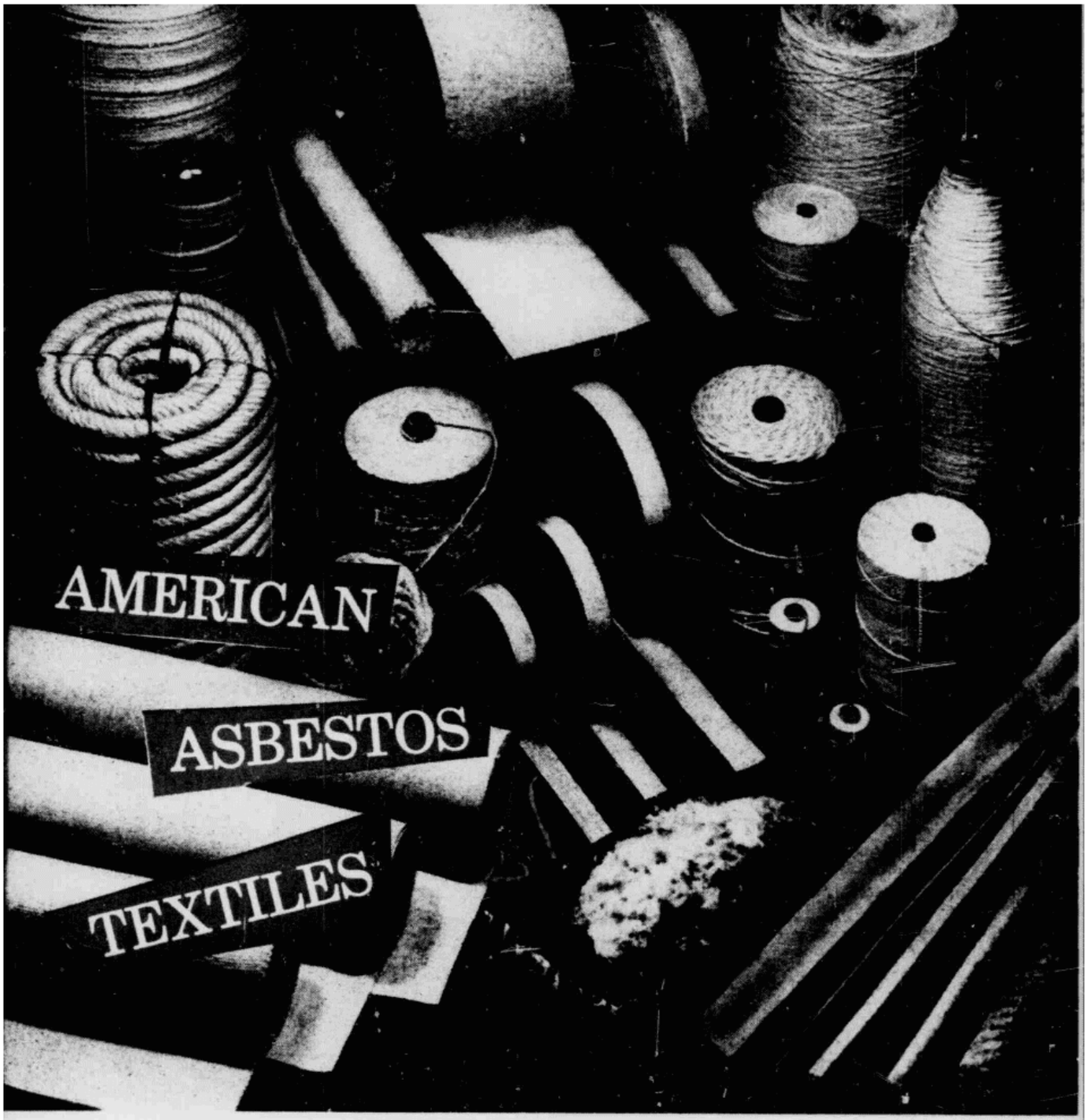
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## *Remember When?*

*(July 1919 ASBESTOS)*

Commercial yarn is selling at 80c to 90c per pound, and with crudes in only fair supply, and old, low-priced contracts for raw material being practically completed, it would not be surprising to find prices further advanced during the summer


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GAF CORPORATION has declared a dividend of 10¢ per share of common stock and a dividend of 30¢ per share on its $1.20 Convertible Preferred Stock. Both dividends are payable on August 20 to stockholders of record July 22.

---

RAYBESTOS-MANHATTAN, INC. has established new corporate headquarters at 205 Middle Street, Bridgeport, Connecticut 06603. Sales divisions located at the new address include Asbestos Textile, Grey-Rock, Industrial Rubber, Mechanical Packings, Original Equipment, Raybestos, Revolite and R/M International. R/M's other sales divisions will retain their present locations.

---

PHILIP CAREY CORPORATION has announced its acquisition of *Smith and Kanzler Company*, Linden, New Jersey, from the Dana Corporation. Smith and Kanzler is engaged in the manufacture of a wide range of high quality asbestos paper products and also manufactures and markets SprayCraft fireproofing and acoustical products. Philip Carey plans to immediately expand the S&K product line and increase the company's output. S&K will operate as a wholly-owned subsidiary of Philip Carey.

---

AMERICAN SOCIETY FOR TESTING AND MATERIALS has paid tribute to National Gypsum Company for its 40 years of continuous participation, efforts and contributions to the Society.


**GUMMI ASBEST KUNSTSTOFFE**

is the asbestos periodical in Europe which covers editorially in each issue the production, processing and application of asbestos. Therefore, it is read by all firms connected with the importing and processing of asbestos in 60 countries and is used for advertising by the asbestos mines all over the world.

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## Building

From: McGraw-Hill Information Systems Company

MAY 1969 recorded $7,080,837,000 worth of future construction work—the highest total for any month on record and 15% ahead of May 1968. Contracts gave little indication of the slowdown that is expected to develop in construction markets due to monetary and fiscal restraint. Instead, the flow of new construction projects remained very strong and the main sources of expansion were nonresidential building and highways.

*Nonresidential* building contract value rose 20% to $2,680,162,000. Office building contracts alone amounted to nearly three-quarters of a billion dollars of construction value. Gains also were registered for schools, hospitals and recreational buildings.

*Residential* contracts reflected the combination of tighter credit and higher building costs. Compared to last May, apartments gained and one-family housing declined. Including non-housekeeping structures, residential building contract total was $2,620,485,000, for a May-to-May gain of 3%.

*Nonbuilding* contracts were up 27% with a value of $1,780,190,000. Both major categories—highways and utilities—showed large gains. Utilities construction surged in May as two big electric generating facilities were started on the West Coast. Highway contracting continued to run far above normal as another part of the three-quarters of a billion dollars of postponed 1968 work was piled on top of this year's new projects.

## *Remember When?*

*(July 1919 ASBESTOS)*

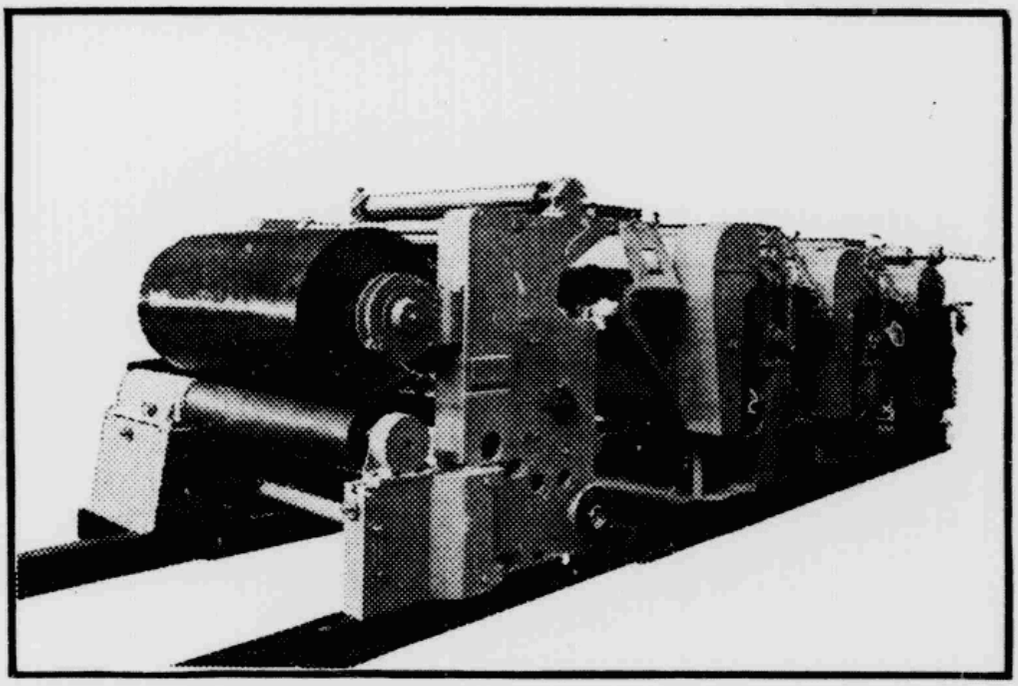
Prices for asbestos paper and millboard appear firm at $125.00 to $140.00 per ton for commercial paper; $140.00 to $175.00 per ton for commercial millboard . . . Until labor and


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ASP/HAC/19

# asbestos cement *plants*





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JOHNS-MANVILLE CORPORATION appointed *Tulnoy Lumber, Inc.* as a master stocking distributor of Permatone "S" Flexboard. The material is an asbestos-cement building sheet with a factory-applied finish. Since the asbestos-cement sheet does not need a protective coating, the silicone-base finish is applied for appearance only. The product is pressed and repressed in manufacture and is steam cured. Its various applications include building exteriors; interior walls, ceilings and partitions; table and counter tops, room dividers and built-ins.

Tulnoy's major locations are in Brooklyn and the Bronx. The 40-year-old company is one of the largest industrial yards in the area and is a distributor of a wide range of specialty building materials.

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MOISTURE TESTING BIAS CAUSED BY COMPOSITE SAMPLING, by Warren Benson, discusses in detail the bias problem and its consequent economic implications for manufacturers of hygroscopic materials. As a means of overcoming the composite sample bias problem, the paper suggests measurement of the entire volume of material rather than of so-called "representative samples." As an alternative, sophisticated electronic equipment for measuring production quantities of hygroscopic materials either continuously or in large batch quantities has been developed and is now commercially available. The paper concludes that composite sampling bias has a substantial adverse effect on mill revenue and profits. Mr. Benson, the author, is Chief Engineer with Forte Engineering Company, a division of Kingsbury Technology, Inc.


" Tropag "

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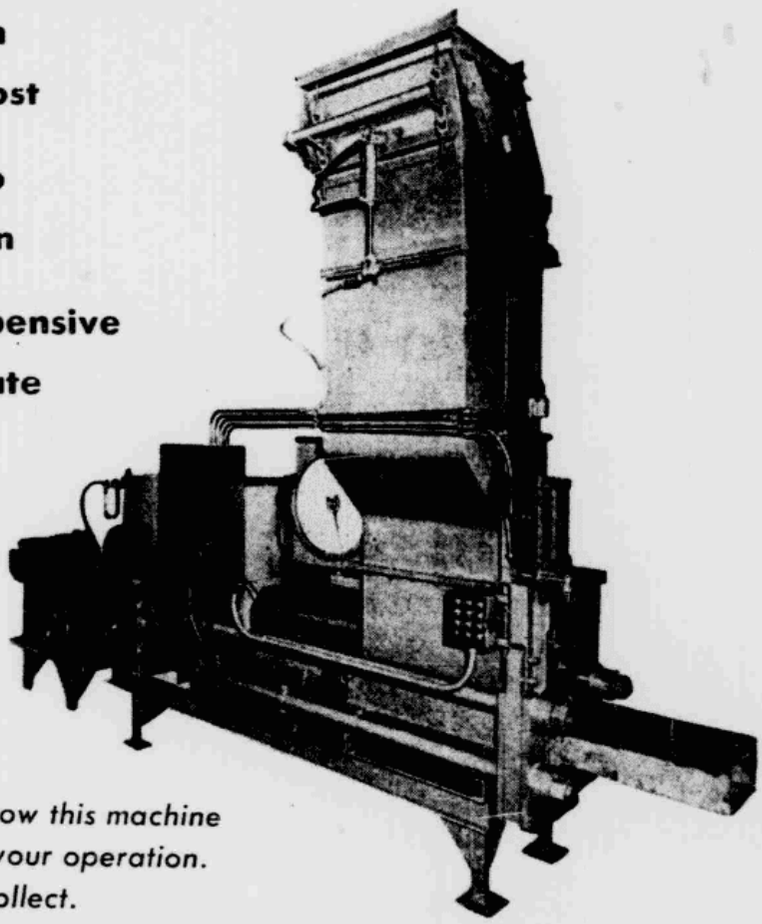
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## Automobile Sales

APRIL 1969 motor vehicle factory sales from plants in the *United States* totaled 876,764 (passenger cars—714,289, trucks and buses—162,475). The total for April 1968 was 941,697.

Motor vehicle factory sales from plants in *Canada* totaled 112,703 for April 1969 compared with 98,414 in April 1968.

AUTOMOBILE FACTS AND FIGURES, 1969 edition, has been issued by the *Automobile Manufacturers Association*. Copies are available from the Association, at 320 New Center Building, Detroit, Michigan 48202.

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U.S. NATIONAL BUREAU OF STANDARDS has developed an extensometer system that is suitable for use as a laboratory strain standard at temperatures of up to 1650°C. The system has good range, high resolution and small random errors. It should lead to better usage of materials and improved structural designs by providing a means for measuring strain in structural components when they are subjected to loads at high and rapidly changing temperatures. The system was calibrated by means of a specially designed apparatus that used a micrometer to produce and measure displacements. It has been tested under static and dynamic mechanical and thermal conditions. The results of the tests showed that the system has a range of at least 2.1 mm, has a resolution of $2.5 \times 10^{-4}$ mm, has random errors of about $5 \times 10^{-4}$ mm, and is linear to within about 0.1% of the range.

## *Remember When?*

*(July 1919 ASBESTOS)*

The consensus of opinion of most statisticians, financiers and students of business tendencies is that present prices are not going to decrease for some time, and when the decrease begins, it will continue so gradually that business and prosperity will be stimulated by the process.




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THERMAL-INSULATION is a practical and theoretical reference book by John F. Malloy, Professional Mechanical Engineer with Union Carbide Corporation. According to the *Insulation Distributor-Contractors National Association, Inc.* (IDCNA), the book has been in development since late 1965 and has been reviewed by insulation contractors and specifiers in the industry. It presents fundamental heat-transfer-physics theory and references the theory to total-package thermal-insulation applications. Theoretical heat transfer, vapor and weather barriers, economic thicknesses, inspection and maintenance, and specifying and contracting considerations are given. Insulation-system theory is introduced and practical examples are provided. Principles for specifying material and applications are presented, rather than specification listings, to avoid obsolescence through state-of-the-art advances. It is available for $20.00 from IDCNA, 8226 Fenton Street, Silver Spring, Maryland 20910.

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WORLD WHO'S WHO IN SCIENCE contains, in one volume, the biographical data and scientific achievements of over 32,000 major scientists in every field of scientific endeavor. It is a library in itself and gives comprehensive international coverage of living scientists, includes statements of scientific contribution, and offers a complete and in-depth coverage of historical names from 3,000 B.C. to the present day. All branches of science are represented: mathematics, physics, chemistry, earth sciences, astronomy, life sciences, technology and invention, management and social sciences, philosophy, and numerous sub-classifications and combinations of each. This first edition is available for $60.00.

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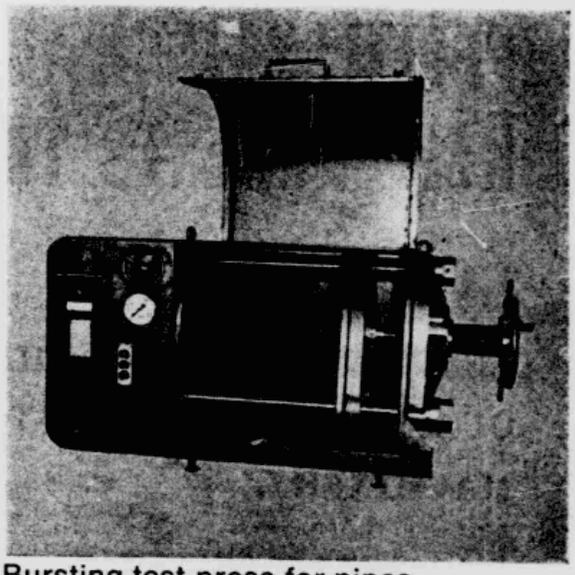
THE PRODUCERS' COUNCIL, INC. has scheduled its *48th Annual Meeting* for September 16-19, 1969, at the St. Francis Hotel, San Francisco, California. With the official theme "The New Age of Building," the meeting will be focused on the capability of the construction products manufacturer to meet the technological, production and management challenges of the 1970's.


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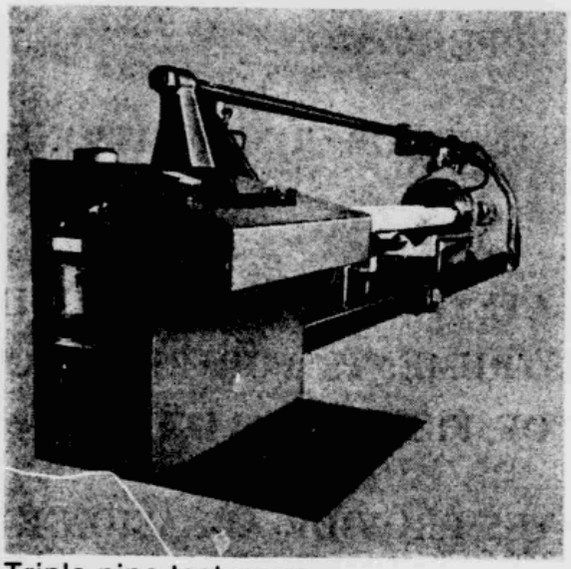
# Choose performance and efficiency



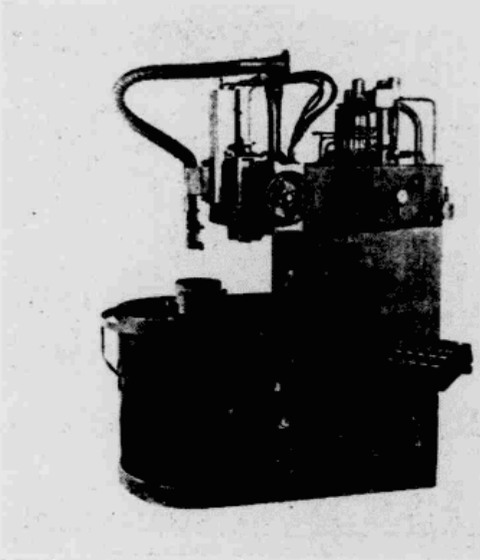
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Bursting test press for pipes



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**What are your specific problems?** Modernisation of sheet-machine? – Production of special sheets of 9 m length? – Up-to-date pneumatic corrugator? – Plant for pressure pipes? – Automatic socket pipe installation? – Modern laboratory equipment? – Efficient plant for prefabricated walls, sandwich panels (made of asbestos-cement sheets and foamed plastics)? Presses or cutting-presses for high quality sheets? – Automatic consistency control of water, asbestos and cement, during production? – Remember, WEHRHAHN represents more than a man's age of experience with references all over the world! Why not contact them? Ask for up-to-date quotations!

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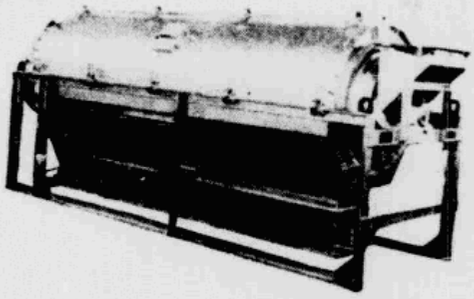
**Montreal 384, P.Q., Canada**

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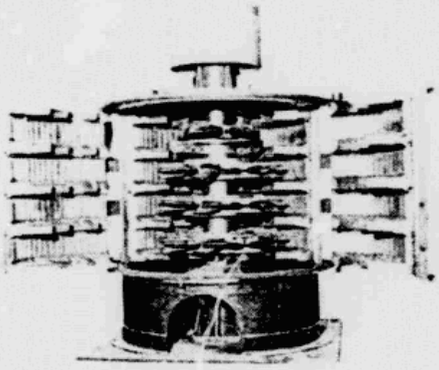
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- Rotary Aspirators
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- Rotary Dryers
- Fibre Fluffers
- Quebec Standard Testing Machines
- Screens
- Pressure Packers
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**TROMMEL DUSTER**

*Removing dust and fine particles of impurities from Asbestos Fibre.*



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*Releases fibre by impact in air.*



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*Compresses and packages fibre for shipment*


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# PRODUCTION - IMPORTS - EXPORTS

**Swaziland** produced 39,900 short tons of asbestos in the *Year 1968*, compared to 38,800 short tons in 1957.

**Canada** produced 54,125,160 square feet of vinyl-asbestos floor tile during the *1st Quarter 1969*. Shipments for the same period amounted to 51,890,614 square feet.

**Canada**—According to the Dominion Bureau of Statistics, Canadian producers' shipments of asbestos during *March 1969* totaled 110,868 short tons (104,697 tons from Quebec and 6,171 tons from Newfoundland, Ontario and British Columbia). The total for *March 1968* was 121,173 tons.

**South Africa**—According to the Department of Mines, Johannesburg, 62,942 short tons of asbestos were produced during the *4th Quarter 1968*: Amosite, 23,801; Cape Blue, 27,077; Chrysotile, 10,714; Transvaal Blue, 1,350.

For the *Year 1968*, the total of asbestos production was 260,530 short tons: Amosite, 97,251; Cape Blue, 114,370; Chrysotile, 42,540; Transvaal Blue, 6,369.

**South Africa** exported 74,687 short tons of asbestos fiber, valued at R7,894,390 during the *4th Quarter 1968*. The breakdown is as follows: Amosite, 28,561, R2,796,464; Cape Blue, 37,486, R4,341,852; Chrysotile, 6,354, R438,464; Transvaal Blue, 2,286, R317,610.

Exports of asbestos fiber for the *Year 1968* totaled 262,158 short tons, valued at R28,727,376. The breakdown is: Amosite, 99,329, R9,749,290; Cape Blue, 132,407, R16,370,570; Chrysotile, 23,035, R1,594,218; Transvaal Blue, 7,387, R1,013,298. (These figures were supplied by the Department of Mines, Johannesburg.)

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**Afghanistan**—An asbestos occurrence, located at Loe-Dakka, Nangarhar Province, approximately 125 miles east of Kabul near the Khyber Pass, was recently examined for its market potential, but no determination has been made as yet. The asbestos is of the chrysotile type and occurs in slip-fiber zones in massive serpentine. The property seems to contain sufficient fiber over ½" long to justify further study. Reportedly, outcrops indicate the presence of a high percentage of low-iron spinning-grade fibers. Surface showings are said to be extensive and amenable to open-pit mining methods.

According to the Ministry of Mines and Industries, a program of detailed development will be instigated during the Afghan year 1348 (March 22, 1969, to March 22, 1970) to ascertain mine-run qualities and recoverable reserves, mining methods, and treatment required. The potential for domestic consumption and exporting of asbestos will also be studied. (Mineral Trade Notes, June 1969)

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## Exports From U.S.A.

**(Figures from U.S. Bureau of the Census)**

| *Unmanufactured Asbestos:* | | MARCH 1969 | |
|---|---|---|---|
| Crude & Spinning Fibers | s. tons | 94 | $ 17,207 |
| Non-Spinning Fibers | s. tons | 1,423 | 203,905 |
| Waste & Refuse | s. tons | 1,799 | 237,592 |
| | | 3,316 | $ 458,704 |
| *Manufactured Asbestos Goods:* | | | |
| A-C Shingles & Clapboard | Lb | 1,424,763 | $ 141,036 |
| Other Asbestos-Cement Articles | Lb | 2,547,094 | 512,763 |
| Gaskets & Packing | Lb | 497,025 | 705,876 |
| Textiles & Yarns | Lb | 1,393,490 | 453,269 |
| Mfrs. other than Friction Materials | | .. | 601,950 |
| Clutch Facings & Linings for auto use | No | 157,123 | 175,479 |
| Clutch Facings & Linings, Other | No | 73,341 | 55,921 |
| Brake Linings for auto use | Lb | 620,450 | 421,055 |
| Brake Linings, Other | Lb | 174,173 | 156,493 |
| | | | $ 3,223,842 |

## Exports From Canada

**(Published by Dominion Bureau of Statistics)** **MARCH 1969**

Short Tons

| *Unmanufactured Asbestos:* | Crude | Milled Gp 3 | Milled Gp 4&5 | Shorts Gp 6-9 |
|---|---|---|---|---|
| Eastern Europe | .. | 330 | 1,681 | 128 |
| Western Europe | 1 | 1,865 | 15,218 | 7,841 |
| Middle East | .. | .. | 1,086 | 43 |
| Africa | .. | .. | 400 | .. |
| Asia | 3 | 136 | 1,902 | 2,875 |
| Oceania | .. | .. | 640 | .. |
| So. & Cen. America & Antilles | .. | 41 | 1,679 | 559 |
| United States | 3 | 1,328 | 13,840 | 36,895 |
| | 7 | 3,700 | 36,446 | 48,341 |

The total amount of unmanufactured asbestos exported in *March 1969* was 88,494 short tons, valued at $11,790,000.

| *Manufactured Asbestos Goods:* | |
|---|---|
| Asbestos Brake Linings & Facings | $ 104,000 |
| Asbestos-Cement Building Materials | 143,000 |
| Asbestos Basic Products, Other | 79,000 |
| | $ 326,000 |


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Magnani Sheet Machines—

F. L. Smidth & Co. A/S

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ALL TYPES OF ASBESTOS CEMENT MACHINERY






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## PREPRINTS—1967 U.S. BUREAU OF MINES MINERALS YEARBOOK

**The Mineral Industry of Argentina** (15c)—Argentina, in 1967, contributed comparatively insignificant quantities of mineral commodities to world supplies and continued to depend heavily on imports to meet domestic requirements. As a part of its efforts to encourage domestic mineral production, the Government was involved in several mapping and mineral exploration programs. Production of asbestos in 1967 reached an estimated 182 metric tons, compared to 57 the previous year. The export tables for 1966 did not include asbestos but 13,826 metric tons of asbestos were imported.

**Minerals in the World Economy** (25¢)—The continued expansion of the world economy in 1967 again placed a greater demand for raw materials upon the world's mineral producing industries. The value of world crude mineral production in 1967 was estimated at roughly $80,000 million. The value added by the processing of these materials in mineral industry plants on a worldwide basis is difficult to assess but probably was of the order of $200,000 million or more. United Nations' production indices for various sectors of the mineral industry for the world and for major groups of countries are presented, including data on the European Communist countries. Chapters include data on production, trade, consumption, investment, transportation, prices, reserves and resources, and policies and programs affecting mineral production and trade. There is also a very complete statistical summary of world production and trading of major commodities, including some figures on asbestos.

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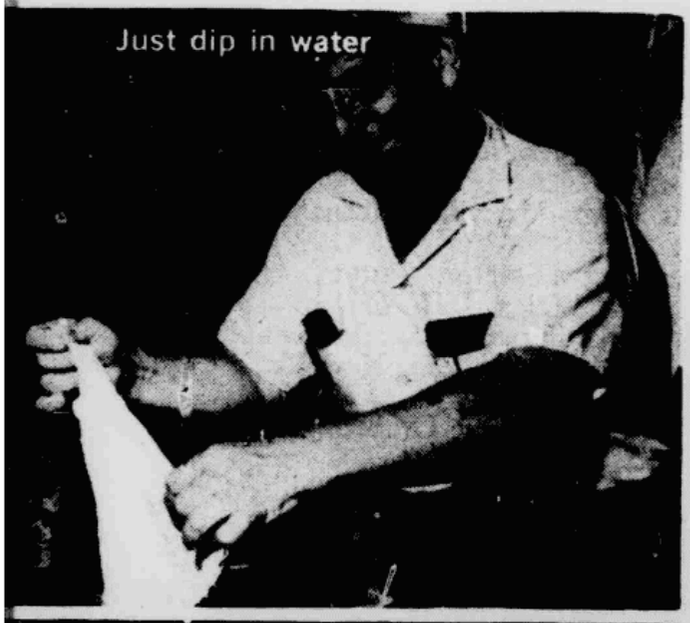
**The Ninth International Mineral Processing Congress** will be held in Prague, Czechoslovakia, June 1-6, 1970. The purpose of the Ninth Congress is to gather up-to-date experience and information on mineral processing. The following topics have been scheduled: comminution, classification, physical methods of separation, gravity concentration and flotation, chemical methods of ore dressing, and dewatering and waste water treatment and the automation of these processes. For the first time, the Congress will hold a symposium on the agglomeration of fine-grained materials covering sintering, pelletizing, briquetting, etc. Membership fee is $40.00 for attending members and $30.00 for accompanying members. The membership fee for non-attending members has been fixed at $8.00. Applications for membership must be sent, by August 30, 1959, to The Executive Committee, Ninth International Mineral Processing Congress, Ustav pro vyzkum rud, Modranska 23, Praha 4, Czechoslovakia.

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## First major asbestos-wrap development in 25 years

New, amazing Thermoid Custom Lag meets military specs, has Coast Guard certification. Adhesive is impregnated in fabric (use either side). Send for free sample and product bulletin #TH 2096. Thermoid, H. K. Porter Company, Inc., Pittsburgh, Pa.

**PORTER GIVES YOU BETTER PRODUCTS BY DESIGN**












# INDUSTRY NEWS

## HAPPY BIRTHDAY

B. Kovacs, Mine Superintendent, Cassiar Mine, Cassiar Asbestos Corporation Limited, Toronto, Ontario, Canada, July 9.

Harry A. Jensen, Executive Vice President, Armstrong Cork Company, Lancaster, Pennsylvania, July 17.

George J. Sampson, Eastern Regional Sales Manager, Floor Products Division, GAF Corporation, New York City, July 18.

T. W. Russell, Jr., President, Abex Corporation, New York City, July 19.

Wallace R. Tyrie, General Manager, Melamite Division, Johns-Manville Corporation, New York City, July 19.

C. Brown Whitley, President, Scandura, Inc., Charlotte, North Carolina, July 20.

Joseph A. Colagreco, Sales Manager, Asbestos Corporation of America, Garwood, New Jersey, July 21.

Albert G. Kovacs, Assistant Manager of Industrial Relations, GAF Corporation, New York City, July 21.

Seymour Milstein, Member of the Board of Directors, GAF Corporation, New York City, July 21.

William S. Simpson, President & Chief Executive Officer, Raybestos-Manhattan, Inc., Bridgeport, Connecticut, July 21.

Richard D. Deininger, Vice President-Operations, Nicolet Industries, Inc., Ambler, Pennsylvania, July 24.

Dimitry Poutiatine, Vice President, Johns-Manville International Corporation, New York City, July 25.

Mrs. Nina Schwezoff, Vice Managing Director, Putten's Asbestos Organization, Johannesburg, South Africa, July 25.

George C. Anderson, Director of Marketing for Granules, Building & Industrial Products Division, GAF Corporation, New York City, July 29.

Clinton B. Burnett, President & Chief Executive Officer, Johns-Manville Corporation, New York City, July 29.

Jay T. Derrick, Vice President-Industrial Relations, Philip Carey Corporation, Cincinnati, Ohio, July 29.

Kenneth Karn, Vice President, Sprinkmann Sons Corporation, Milwaukee, Wisconsin, July 29.

Thomas A. Dent, Vice President-Commercial Development, GAF Corporation, New York City, July 30.

George R. R. Wahl, Assistant General Manager, Pipe Division, Johns-Manville Corporation, New York City, July 30.

C. B. Brown, Director, Bell Asbestos Mines Ltd., Thetford Mines, Quebec, Canada, August 1.

Frederic H. Main, Director, Hedman Mines Limited, New York City, August 1.

Herbert H. Anderson, Vice President-Research and Engineering, Philip Carey Corporation, Cincinnati, Ohio, August 4.

Edward J. Killian, Divisional Vice President-Manufacturing Operations, National Gypsum Company, Buffalo, New York, August 4.


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H. Kenneth Passmore, Secretary-Treasurer & Director, Hedman Mines Limited, Timmins, Ontario, Canada, August 5.
G. P. Reilly, Plant Manager, National Gypsum Company, Millington, New Jersey, August 5.
A. P. Keasbey, Sr., President & General Manager, Robert A. Keasbey Company, New York City, August 6.
H. A. Woody, Mine Superintendent, Clinton Mine, Cassiar Asbestos Corporation Limited, Yukon Territory, Canada, August 6.
R. C. Braun, Secretary-Treasurer, Niagara Asbestos Company, Buffalo, New York, August 8.
J. W. Fortner, Operations Manager, Davidson Works, Thermoid Division, H. K. Porter Company, Inc., Davidson, North Carolina, August 8.
Arthur C. Smith, Vice President for Corporate Growth and Development, Johns-Manville Corporation, New York City, August 8.
J. M. Dunn, President, Standco Industries, Inc., Houston, Texas, August 9.
Melvin H. Baker, Honorary Chairman of the Board, National Gypsum Company, Buffalo, New York, August 11.
Grant V. Wilson, President, Grant Wilson, Inc., Chicago, Illinois, August 11.
R. A. Dodge, Chairman & Managing Director, R. A. Dodge & Associates Pty. Limited, Sydney, Australia, August 12.
Leo J. Monahan, Product Promotion Manager-Building Products, GAF Corporation, New York City, August 13.

To all these gentlemen we extend congratulations and best wishes on the occasion of their birthdays.

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**Tectonic Map of Africa (1968),** to a scale of 1:5,000,000, has been published jointly by the Association of African Geological Surveys (ASGA) and the United Nations Educational, Scientific and Cultural Organization (UNESCO). There are nine pages to the map and the text is written in both French and English. Each sheet sells for $5.60, the entire set costs $50.00 and the explanatory brochure is $1.00

A second map jointly published by ASGA and UNESCO is the *Mineral Map of Africa*, printed to a scale of 1:10,000,000. About 600 mineral occurrences are shown on geologic background with symbols according to morphology and mineral. The legend and text are in English and French and include mineral production in Africa for 1966, by mineral and by country. The cost of this map is $10.00, including surface mail postage.

**Statistical Summary of the Mineral Industry, 1962-1967** has been issued by the Mineral Resources Division of the Institute of Geological Sciences, London, England. A copy can be obtained at a cost of £1 7s. 6d. by writing Her Majesty's Stationery Office, London. This statistical publication covers over 70 minerals and includes a chapter on the production, imports and exports of asbestos, by country.



*Asbestos Magazine, 1969, July 1969*
ACL Doc 12627 · Page 66 of 79
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asbestosclaims.law/library/12627/66

# NOTES FROM 1968 ANNUAL REPORTS

## THE CAPE ASBESTOS COMPANY LIMITED

Total Group turnover in 1968 was a record £35,858,000 and exports from the United Kingdom increased to £3,033,000. Profit on mining operations before interest charges and tax rose to £1,175,000 and on manufacturing operations increased to £2,274,000. After providing for taxation and adjusting for the interest of minority shareholders in subsidiaries, £1,680,000 was available for distribution. Fixed assets totaled £7,681,000 and net current assets were valued at £8,033,000.

On July 1, 1968, the business formerly carried on by Cape Building Products Limited was amalgamated with that of The Universal Asbestos Manufacturing Company Limited and the name of the latter company was changed to Cape Universal Building Products Limited. During the year it was decided to discontinue trading in Italy, and Capamianto s.p.a. was put into voluntary liquidation.

*Manufacturing Division*

Cape Universal Building Products Limited reported a strong demand for Asbestolux insulation board. In Glasgow, Marinite Limited experienced a strong demand for its incombustible panels, and a program for doubling production is planned in the second half of this year.

Cape Insulation Limited showed a good rise in earnings and demand remained at a high level. Consequent to the closing of the Barking factory, administrative offices are being moved from London to Stirling. In Ireland, M. A. Boylan Limited continued to operate successfully, and to avoid misunderstandings the name was changed to Cape Insulation (Ireland) Limited. Cape Asbestos Insulations (Pty) Limited, South Africa, suffered a reduction in profit and steps have been taken to rectify this. Its companion, Caposite Applications (Pty) Limited, traded steadily and achieved a considerable increase in profit over 1967.

Small and Parkes Limited, manufacturers of DON and CAPASCO brake and clutch linings, had a most satisfactory year and the factory at Hendham Vale is being further extended. Don International s.a., the new company in Belgium jointly owned with Johns-Manville, sustained a loss on the year's trading. Naturally some loss in the first full year of operating was expected and considerable efforts are being made to place a sufficient load of work at the factory. Kismet Limited, garage equipment manufacturers in Bedford and Sheffield, had an increase in sales and profits. A.T.I. s.a., manufacturers of a similar range of products in Belgium, moved its factory from the outskirts of Brussels to Manage. Appareillage Technique et Industriel s.a., in France, had a satisfactory year and continues to provide a valuable outlet for the products of the Bedford and Manage factories. In South Africa, Cape's relatively small venture, Tesco/


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Tecalemit (Pty) Limited, showed some improvement over 1967 but still failed to achieve a profit.

*Mining Division*

Cape Asbestos' small uneconomical mining operation in the Malipscrift area was discontinued early in the year. The Koegas and Pomfret mines were worked efficiently and profitably. The sales organization, Cape Asbestos Fibres Limited, effected the sale of all of the fiber available during 1968 and for 1969 contracts for the year's output have been concluded. In the United States, North American Asbestos Corporation had a successful year of trading and showed increased earnings.

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**Asbestos Products Manufacturers 1967** has been issued as Catalog No. 44-203 by the *Dominion Bureau of Statistics,* Ottawa, Canada, and is available at 50¢ per copy. The report covers the statistics of 16 Canadian firms that are primarily engaged in the manufacture of commodities composed wholly or chiefly of asbestos fiber.

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# PERSONNEL NEWS

## AMERICAN SMELTING AND REFINING COMPANY

The Board of Directors has elected the following officers: *Allen L. Hatch, Jr.*, Vice President (will continue as Manager of the Ore Department); *Robert A. Kenkel*, Vice President, Federated Metals Division, replacing *Aubrey M. Callis* who is retiring; *Robert J. Plumb, Jr.*, Treasurer; *Warren T. Whitley*, Assistant Treasurer; *Forrest G. Hamrick*, Vice President-Finance; *Alexander J. Gillespie, Jr.*, Secretary and General Counsel, replacing *R. Worth Vaughan* who is retiring as General Counsel; and *Homer Q. Stringham*, Controller, replacing *Howard L. Goodenough* who is retiring.

## PHILIP CAREY CORPORATION

*Charles J. Bainum* has been appointed Assistant to the President. He will assist in the marketing and sales of all products, will coordinate and supervise corporate advertising and market research, and will be in direct charge of Carey's architectural representatives. *E. A. DiSalvo* has been appointed President and General Manager of the Building and Industrial Products Division. Within the Building and Industrial Products Division, *John Hasselbach* is now Vice President-Building Products Sales, *James A. Suddeth* is Vice President-Industrial Sales, *Louis J. Knippa* is Vice President-Manufacturing, and *Stanley H. Kammer* is the Controller.

## THE FLINTKOTE COMPANY

*William E. Haines*, Vice President-Finance, was elected a Director. *William Blankenship* has been appointed Sales Engineer for Flintite Asbestos-Cement Pipe and Flintkote Bell Joint PVC Pipe, Pipe Products Group. His territory will encompass Eastern Michigan.

## JOHNS-MANVILLE CORPORATION

New Product Managers in the Merchandising Department for Architectural and Engineered Products of the Building and Flooring Materials Divisions include *Thomas J. Madden, B. A. Hancock, G. W. Constantin, J. V. Magee, J. L. Williams, J. C. Robinson* and *G. J. Fisher*. *David J. Kloepfer* is now Product Group Manager for Industrial Roofing Systems.

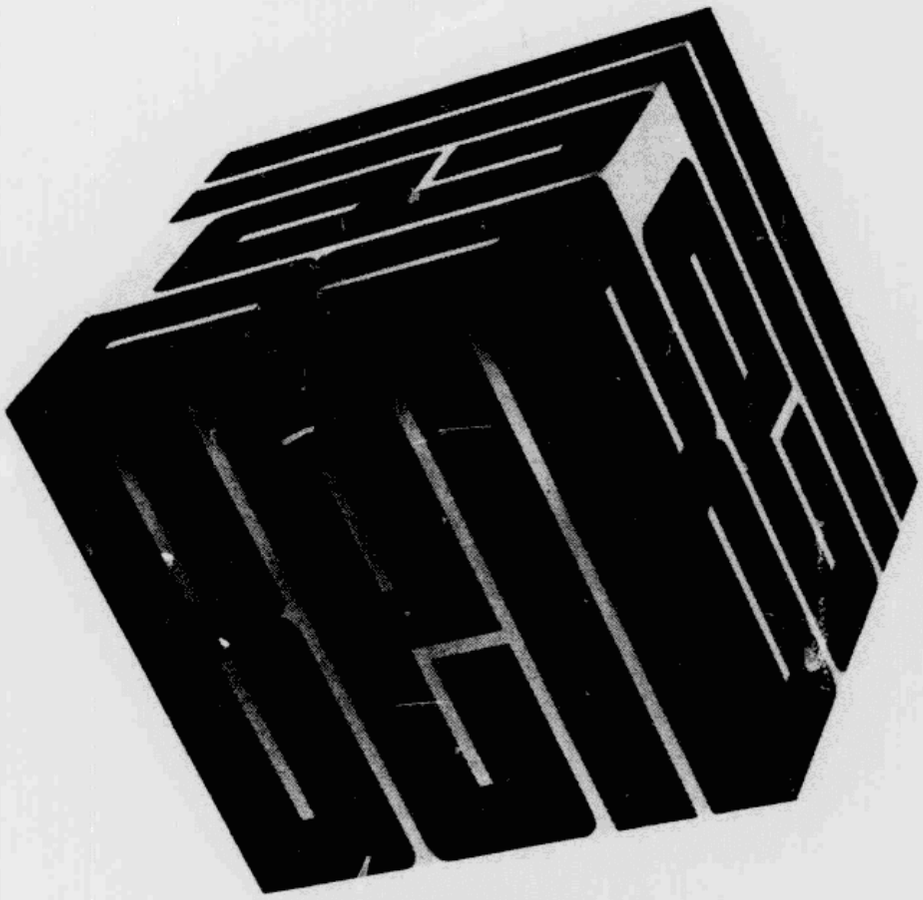
## SIMPLICITY ENGINEERING COMPANY

*Raymond M. Porter* has been named Marketing Manager. Before joining Simplicity, he was associated with the Mining Equipment Division of Westinghouse Air Brake Company.

## TURNERS ASBESTOS CEMENT COMPANY LIMITED

*Kenneth Neve* has relinquished the Chairmanship and retired from the Board. *J. K. Shepherd* was appointed Chairman and will retain the office of Managing Director.


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# ASBESTOS STOCK QUOTATIONS

**Close—June 27, 1969**

| | | | |
|---|---|---|---|
| Abitibi Asbestos | *$7.00 | G-Alden (pfd 3) | 76⅜ |
| Asarco | 33¼ | Grace | 32⅜ |
| Armstrong Cork (.80) | 36 | Gulf & Western | 24¾ |
| Armst. Cork (pfd 3.75) | 60 | G&W (pfd 3.50) | 98½ |
| Asbestos Corp. | 20⅛ | G&W (pfd 3.87) | 52⅜ |
| Carlisle | 20¾ | G&W (pfd 5.75) | 68 |
| Cassiar | *$17.00 | Johns-Manville | 33 |
| Certain-teed | 24¼ | Maremont | 14⅛ |
| Conwest | *$8.90 | National Gypsum | 30 |
| Flintkote | 28⅛ | Natl. Gypsum (pfd 4.50) | 67 |
| F-kote (pfd-B 2.25) | 37⅜ | Patino | *$29.12 |
| GAF | 22 | Porter (pfd 5.50) | 73 |
| GAF (pfd 1.20) | 29 | Raybestos-Manhattan | 49 |
| Garlock | 23⅛ | Unarco | 10½ |
| Glen-Alden | 11⅜ | Union Carbide | 40¼ |
| G-Alden (pfd 3.15) | 85 | Uniroyal | 25 |
| | | Uniroyal (pfd 8) | 115½ |

*Canadian currency
(Source: The Wall Street Journal)

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**U.S. Documents**—The following reports are available at $3.00 per paper copy and 65c per microfiche from the Clearinghouse, U.S. Department of Commerce, Springfield, Virginia 22151:

AD-682-493—Structural Design with Fibrous Composites, by the Materials Advisory Board Committee on Structural Design with Fibrous Composites, for the Department of Defense;

PB-182 401—Building Climatology, Part IV, Noise, prepared by the Swedish Institute for Building Research, Stockholm;

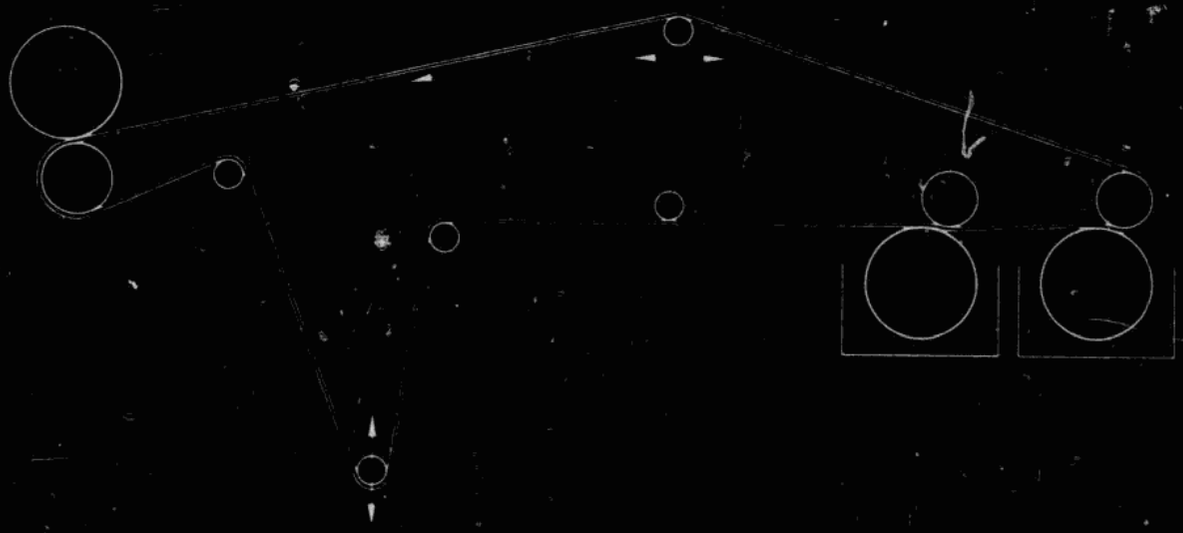
PB-182 502—Requirements for Motor Vehicle and Highway Safety Research and Test Facilities, Volume 1 (also Volume 2, PB-182 503, under the same title), Department of Transportation, Washington, D.C.

PB-182-577—Fatigue of Reinforced Concrete Beams Under Dynamic Loading, National Aeronautics and Space Administration;

PB-183-326—Experimental Safety Car Study, by American Machine & Foundry Company, Santa Barbara, California, for the National Highway Safety Bureau;

N69-10492—Application of Biogeochemistry to Mineral Prospecting: A Survey, prepared by North American Rockwell Corporation for NASA.

# Durasorb works best from start to finish



From their start-up on your sheet or pipe machine to their removal, Albany Durasorb 100% synthetic/needled felts produce a better product at the lowest cost per ton. Because they are synthetic they are stronger, do not deteriorate under highly alkaline conditions and resist abrasion. Because they are needled you are assured of superior drainage, smoother finish and long life. Because they are made by Albany, the quality is assured.

Albany Durasorb 100% synthetic/needled pipe and sheet machine felts—the strong finishers.

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AUSTRALIA • ENGLAND • FRANCE • HOLLAND • MEXICO

# ASBESTOS PRICES

**ARIZONA—** Per Ton of 2,000 lbs., f.o.b. Globe, Arizona

(As of August 1, 1968) U. S. Dollars

| | |
|---|---|
| No. 1 Crude | $1,410.00 to $1,650.00 |
| No. 2 Crude | 700.00 to 950.00 |
| AAA | 800.00 |
| Group No. 3 (non-ferrous filtering-plastic) | 425.00 to 700.00 |
| Group No. 4 (non-ferrous filtering-plastic) | 400.00 to 500.00 |
| Group No. 5 (non-ferrous filtering-plastic) | 385.00 to 425.00 |
| Group No. 6 (non-ferrous plastic) | 250.00 |
| Group No. 7 (white shorts) | 65.00 to 90.00 |

**CANADA—** Per Ton of 2,000 lbs. f.o.b. Mine

(As of January 1, 1969) Canadian Currency

| | |
|---|---|
| Crude No. 1 | $1,480.00 |
| Crude No. 2 | 800.00 |
| Group No. 3 (spinning fiber) | 385.00 to 630.00 |
| Group No. 4 (shingle fiber) | 212.00 to 360.00 |
| Group No. 5 (paper fiber) | 152.00 to 180.00 |
| Group No. 6 (waste, stucco or plaster) | 110.00 |
| Group No. 7 (refuse or shorts) | 50.00 to 92.00 |

**CASSIAR—** Per Ton of 2,000 lbs., f.o.b. North Vancouver, B.C.

(As of January 1, 1969) Canadian Currency

| | |
|---|---|
| AAA grade (non-ferrous spinning fiber) | $ 845.00 |
| AA grade (non-ferrous spinning fiber) | 673.00 |
| A grade (non-ferrous spinning fiber—Canadian Group 3) | 508.00 |
| AC grade (asbestos-cement—Canadian Group 4) | 363.00 |
| AK grade (shingle fiber—Canadian Group 4) | 249.00 |
| CP grade (shingle fiber—Canadian Group 4) | 234.00 |
| AS grade (shingle fiber—Canadian Group 4) | 217.00 |
| CT grade (shingle fiber—Canadian Group 4) | 211.00 |
| AX grade (shingle fiber—Canadian Group 5) | 193.00 |
| CY grade (shingle fiber—Canadian Group 5) | 136.00 |
| AY grade (shingle fiber—Canadian Group 5) | 136.00 |

**VERMONT—** Per Ton of 2,000 lbs., f.o.b. Morrisville, Vermont

(As of January 1, 1969) U. S. Dollars

| | |
|---|---|
| Group No. 3 (spinning & filtering) | $ 356.00 to $ 382.00 |
| Group No. 4 (shingle fiber) | 195.00 to 331.00 |
| Group No. 5 (paper fiber) | 141.00 to 165.00 |
| Group No. 6 (waste, stucco or plaster) | 102.00 |
| Group No. 7 (shorts & floats) | 47.00 to 85.00 |


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**Central Asbestos Company Limited,** London, England, has appointed *Special Asbestos Company, Inc.,* Milwaukee, Wisconsin, as the Sole Agents in the United States for the sale of Blue asbestos produced by the Central Group's mines in South Africa. For a number of years, Blue asbestos has been an important constituent of asbestos cement products and is increasingly being used in the plastics industry. Central Asbestos advises that Special Asbestos is well equipped to handle inquiries for all uses of Blue asbestos.

**Yugoslav Association**—Four firms in Yugoslavia—Jugoazbest, Fiaz, Azbest and Feros—have started the formation of an association of asbestos producers and manufacturers and it is hoped that many more companies in Yugoslavia will soon become members and support this venture. The main objectives of the association will be to set up a joint development policy and to coordinate companies for the obtaining of raw materials, for the manufacture of products and equipment, and for systematic investigation of the possibilities of joint marketing ventures.





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# ASBESTOS PATENTS

**U.S. Patents on Asbestos and Asbestos Products, by Oliver S. North.**

**U.S. Patents may be purchased from The Commissioner of Patents, Washington, D.C. 20231, at a cost of 50c each. Remittance should be in coin, currency, or check and the number of the patent, name of inventor and date of issue should**

U.S. Patents issued from May 13 through June 10, 1969.

3,443,372—Production of Yarn and Apparatus for Use Therewith, I. Eddleston (assigned to Turner Brothers Asbestos Company Limited, Manchester, England), May 13, 1969.

3,445,384—Dry-Type Fire-Extinguisher Composition with High Electrical Resistance, M. H. Schreiber (assigned to VEB Feuerloschgeratewrk Neuruppin, Neuruppin, Germany), May 20, 1969.

3,447,991—Method of Using Improved Asphaltic Adhesives, R. E. Koons (assigned to Monsanto Company, St. Louis, Missouri), June 3, 1969.

3,449,140—Slag Cement Compositions, J. C. Yang (assigned to Johns-Manville Corporation, New York City), June 10, 1969.

3,449,141—Effect of Cryolite on Calcium Silicate Compositions, M. E. Binkley & O. Ayers (assigned to Johns-Manville Corporation, New York City), June 10, 1969.

3,449,202—Unusual Structural Material, J. D. Bowen, Jr. (assigned to Martin-Marietta Corporation, Baltimore, Maryland), June 10, 1969.

3,449,227 & 3,449,230—Manufacture of Asbestos Products, G. F. Heron, J. O. Halstead & R. B. Gettins (assigned to Turner Brothers Asbestos Company Limited, Manchester, England), June 10, 1969.

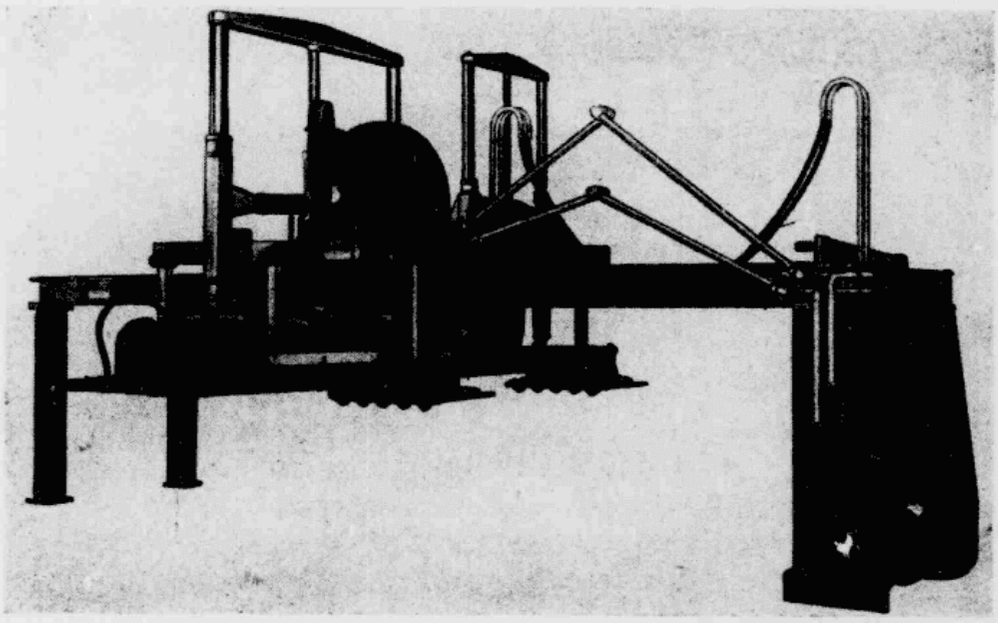
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**Mineral Exploration, Mining and Processing Patents, 1968,** by Oliver S. North, is now available. The fully-indexed volume of abstracts of 1968 patent literature is of reference value to those engaged in mineral exploration and mining (excluding solid fuels and petroleum), beneficiation and concentration of minerals, extracting metals from ores, refining primary metals, and supplying reagents and equipment to the mineral industry. The book covers abstracts of significant United States, Canadian and British patents issued during the year and includes carefully chosen patents issued in Germany, France, Japan, and the USSR. For many of the patents, flow sheets or flow diagrams and apparatus drawings or other useful illustrations are given. The 261-page book sells for $25.00, includes over 550 abstracts and has 5 indices consisting of 3600 entries. Orders may be placed through ASBESTOS.


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It has been a great joy to have served the Asbestos Industry for over fifty years. My interest in the Industry began when I was employed in the office of C. J. Stover, Founder of ASBESTOS Magazine. It was later my pleasure to serve as Editor of the magazine from 1954 until my retirement in 1968. Thus I was active in the first days of the magazine and, through the years, have seen, at close range, the growth of both the publication and the Industry. I am proud to have been able to serve the Asbestos Industry and am most happy to take part in the magazine's Golden Anniversary.

ASBESTOS has always followed the policies established by the Founder and I feel sure these policies will continue under the present management.

My very best wishes for the future of ASBESTOS and the entire Asbestos Industry.

*Edith E. Cox*

## *On Our Birthday . . .*

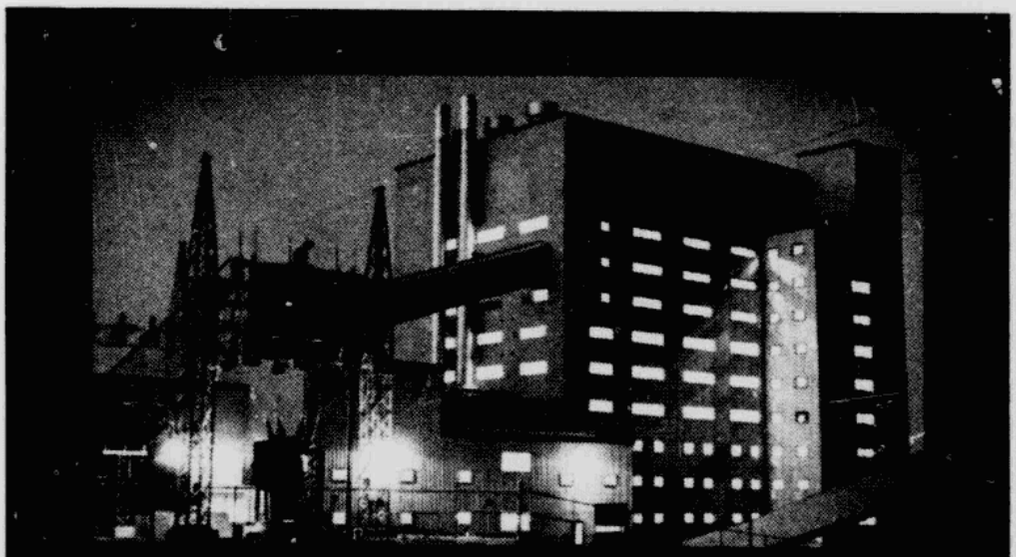
thank you, one and all, for your many years of loyal support, for without you this Anniversary celebration could not possibly have happened.

We hope you have enjoyed reading the special advertisements and comments from many of the present leaders and elder statesmen of the Industry. We experienced genuine pleasure and appreciation as each was received and hope that this Anniversary Issue, representing the culmination of 50 years of effort, may be a portent of further growth through service in the years ahead.

We are proud and pleased to be a part of the progressive and vital Asbestos Industry. Thank you again.

ASBESTOS Magazine


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■ Grit-Free ■ High Fibre Value ■
Uniform Fibre Length ■ Unusual
Whiteness ■ Low Iron Content

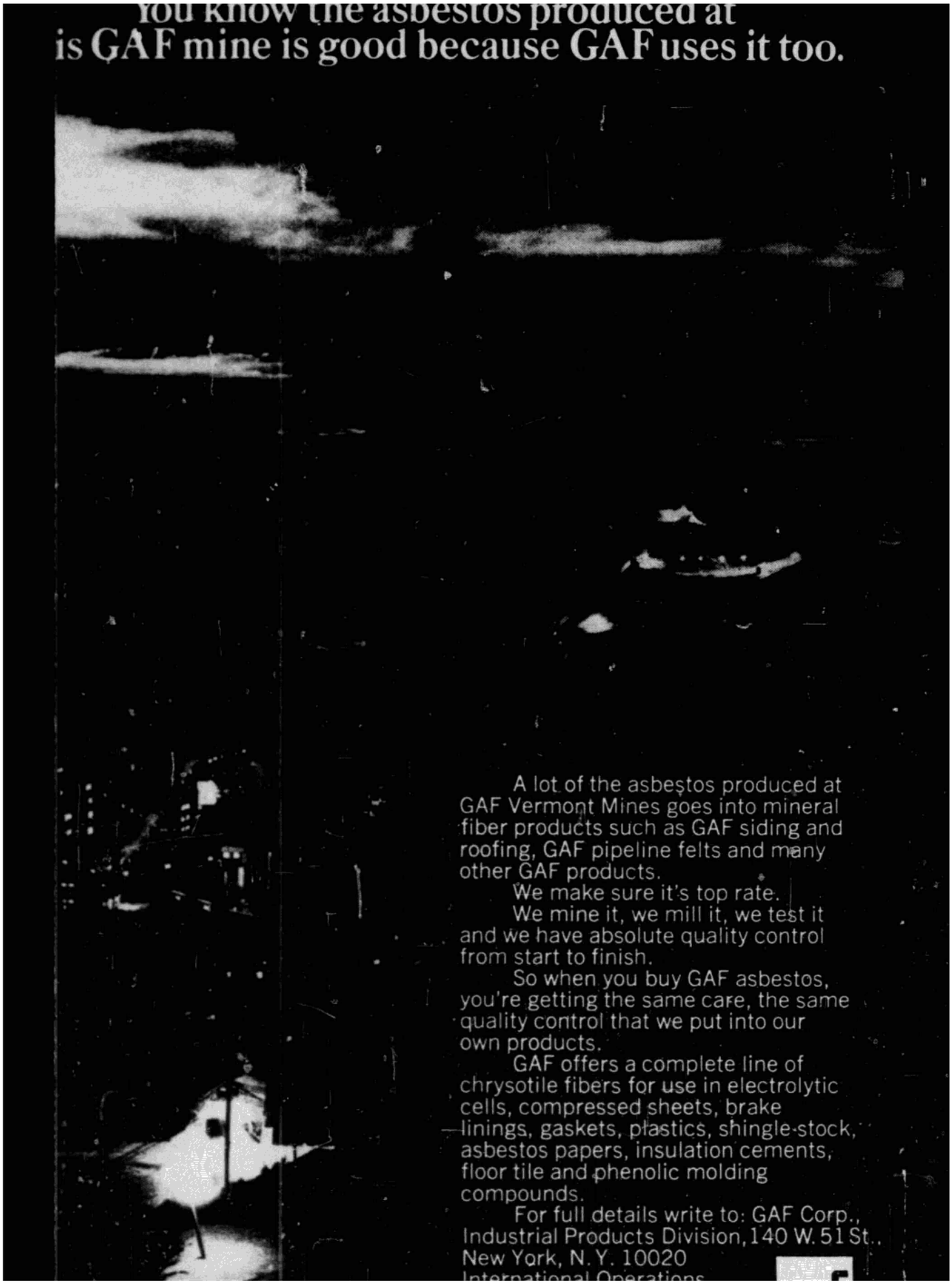
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