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. . . IS EASY TO INSTALL

Here is a system of pipe line insulation protection that withstands the many hazards of underground or weather-exposed service, and yet requires only a minimum of installation time and labor.

No wrapping is required, and no waterproof jacket, no tile, no mopping with tar and no binding with wires. Pipes are insulated and protected *at the Ehret factory.* By following the Durant easy-jointing methods at the job, permanent, service-free installations are assured.

Write today for the Ehret D. I. P. folder containing full details of the Durant System of Pre-sealed Insulated Pipe.

EHRET MAGNESIA MANUFACTURING CO.

VALLEY FORGE • PENNSYLVANIA

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"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
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WHY THE EXCITEMENT?

Editorial by C. J. Stover

Watching the slow but sure sword-swallowing acts being put on by Japan, Germany and Italy and the coincidental protests of the rest of the world causes one to ponder upon the past performances of the present protestors.

How did England acquire such a big piece of the earth's surface? Was it because the nations of those lands "acquired" *wanted* English rule?

How did our own dear U.S.A. acquire its title to this great land? Did the Indians ask our white forefathers to drive them out of their happy hunting grounds to be corralled in little reservations here and there and made to live in most unnatural surroundings, until now they are almost extinct?

A lot of people are striving to find what's wrong with the world. History surely shows that since time began everything now happening, politically, has always been going on, somewhere on earth.

My own feeling is that the most of our present day distress is due to communications—too much and too fast transport of "news" by radio, telegraph, etc., etc.

The world is kept in a continual turmoil, largely over events of relatively small importance, with little if any opportunity to take a long range dispassionate view.

Screaming headlines in the papers quoting, within ten minutes, what some nit-witted, temporary leader of some small country has said; radio transmission of some Dictator's mouthings obviously designed to mesmerize the large part of his population, too lazy or unable to think;—is it any wonder that we find it increasingly difficult to put a proper value on the day's events?

"God's in His Heaven; All's right with the World".

It's too bad that there are still a lot of wild men at large, but nothing goes on today that has not happened before, except the speed with which the news travels and keeps us all excited—mostly over trivial things.

Peace of mind is worth more than gold. Cultivate it!

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A. S. T. M. COMMITTEES MEET

Since 1939 is the year when the American Society for Testing Materials issues its triennially published Book of Standards, all of its committees have concentrated on bringing various specifications and tests up to date, adopting revisions which have been published previously, taking action to adopt as standard existing tentative specifications and at the same time recommending new specifications covering many materials not now included.

Many of the Committees met during the week of March 6th to 10th in Columbus, when the 1939 A. S. T. M. Regional Meeting was held.

At that time Committee D-11 completed a survey of the classes of packings and specifications for these materials in current use, including rubber sheet packings (both cloth inserted and all rubber) and asbestos sheet packing. This information is being compiled for use in the standardization of test methods for these products.

Committee C-16 on Thermal Insulating Materials held a Symposium on Thermal Insulating Materials as a part of the Regional Meeting, four important papers being presented. (See page 26 of January "ASBESTOS.") The general purpose of the symposium was to point out important problems in the field of standardization and research which will need to be considered carefully by the Committee, and also to present latest thoughts and suggestions on various points. By stimulating discussion, viewpoints of different interests were brought out. It is expected that the symposium will be issued in the form of a special publication, further details to be announced.

Meetings were held by five of the six existing subcommittees and satisfactory progress was made toward the establishment of standard test methods for insulating materials. A meeting was also held of the Joint Committee on Thermal Conductivity which committee now includes representation from the American Society of Heating and Ventilating Engineers, the American Society

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of Refrigerating Engineers and the National Research Council as well as from the A. S. T. M.

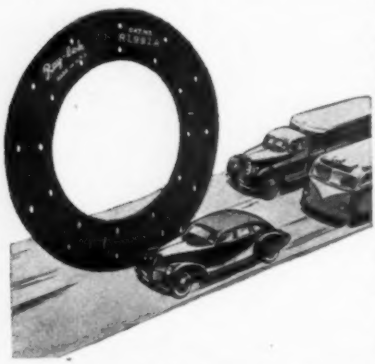
Increasing interest in the work of Committee C-16 is evident from the inquiries received and the new applications for membership. The final results of the committee's work should be of much benefit to both producers and consumers.

RAY - LOK

A New Type Clutch Facing

Ray-Lok is the name of what is claimed by the manufacturer, Raybestos Division of Bridgeport, Conn., to be a remarkable new clutch facing. Originally it was introduced in 1938 for passenger cars; now it is being used in the heavy- duty field also.

Ray-Lok is an endless facing, so designed to obviate the possibility of parting under the terrific centrifugal force generated by modern high-speed motors. There is no waste material in the center or at the edges because Ray-Lok is wound of treated asbestos cloth on a mandrel in such a way that the inside surface of each coil fits exactly the outside surface of each preceding coil.



Because the material is pre-treated and because it is made of V-shaped cloth, wearing the surface of the clutch facing will never expose material that is not identical with the rest of the facing. Ray-Lok is said to have a high bursting strength and to be able to withstand speeds two and a half times greater than those generated by present day engines.

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Asbestos Fibre

for the manufacture of

Roofing Cements · Fibrous Paints
Filtration Packings
Asbestos Shingles and Lumber
Insulating Cements
Asbestos Paper · Pipe Coverings
Asbestos Millboard
High Temperature Cements

THE QUEBEC ASBESTOS CORPORATION

Office and Mines
EAST BROUGHTON, PROVINCE of QUEBEC
CANADA

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NATIONAL DEFENSE MATERIALS

Mining & Metallurgical Society lists Asbestos as Essential

The list of Essential Minerals for National Defense compiled by the Mining and Metallurgical Society of America[1], 90 Broad Street, New York City, has been issued in printed form, included in a Resolution adopted March 24, 1939 published as Bulletin No. 250, and sent in March to the President of the United States and other interested Officials of the United States Government.

The list of 45 different materials was divided into four classifications, viz:

A — Minerals existing in abundance (in the U. S. A.)

B — Minerals existing in abundance, but requiring a higher price than the internationally competitive to develop maximum production of them.

C — Minerals existing in scanty supply whereof some increase in production may be developed by an abnormal price.

D — Minerals that do not exist with us, or that exist only in immaterial quantity, and for which we must continue to be dependent upon foreign sources.

Asbestos has been included in two of the divisions, high grade material being listed in the "D" class; "inferior qualities" in the "B" class. (It is probable that the term "inferior qualities" refers to the shorter fibres.)

[1] Our March number stated that the American Institute of Mining and Metallurgical Engineers was compiling this list. This was incorrect and "ASBESTOS" takes this opportunity to correct its statement.

Asbestos is finding a number of new uses in connection with air-raid defense articles in England, one of them being an asbestos cap or lid to be clapped over any small fire started by an incendiary bomb. The cap, or dome-like lid, is fastened on the end of a pole, and fire-fighters are also supplied with asbestos gloves and apron.

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ASBESTOS

In a Multitude of Forms . . .

For more than three-quarters of a century, Johns-Manville has been manufacturing a large variety of asbestos products, contributing to greater comfort, protection from fire and the more efficient operation of industrial equipment.

Johns-Manville owns and operates Asbestos Mines in Arizona and Canada, thirteen factories located strategically across the continent, sales offices in all large cities and a large, scientifically equipped research laboratory in which J-M Engineers and Scientists are constantly developing new uses for this remarkable mineral, Asbestos.

Some of the better known J-M Asbestos products include: Packings, Insulations, Roofing and Siding, Transite Water Pipe and Electrical Conduit, Office Partitions, Decorative Wall Boards, Flooring and Friction Materials. In addition, Johns-Manville furnishes raw asbestos in a wide range of grades and fibre lengths.

For complete information on J-M Asbestos Products write to any J-M office or distributor.

Johns-Manville

EXECUTIVE OFFICES: NEW YORK

Branches in All Large Cities

JM

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JOHNS-MANVILLE JM PRODUCTS

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H. EDWARD MANVILLE

Appointed Chairman of Board of Johns-Manville Corporation

H. Edward Manville was appointed Chairman of the Board of Directors of Johns-Manville Corporation at a regular meeting of the Board held March 27th at the company's offices in New York City. Mr. Manville, a director since 1927, fills the vacancy created by the death of William R. Seigle last December.

Mr. Manville has been actively connected with Johns-Manville for the past 49 years, having begun his career in 1890 with the Manville Covering Company of Milwaukee, which was founded by his father, C. B. Manville. With the merger of that company and the H. W. Johns Company, of New York, shortly after the turn of the century, he served as secretary and in other capacities until 1925.



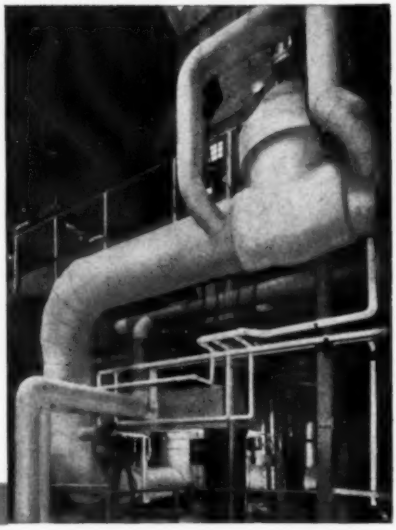
At that time, following the death of his brother, T. F. Manville, who had been president, H. E. Manville, assumed that office, a post which he held until 1927. With the reorganization of the company in 1927 from a family-owned concern to its present status of wide-spread ownership, Mr. Manville became Chairman of the Executive Committee of the Board of Directors. He retired from this post in August 1938, retaining his membership on the Board of Directors.

There is still time to send us information on asbestos materials supplied to the New York World's Fair, as the article has been postponed to our May issue.

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PHILADELPHIA ELECTRIC CO.

READY KILOWATT
YOUR ELECTRICAL SERVANT



K & M Insulation helps to produce Philadelphia's electric power

For heat insulation at its Schuylkill Power Station, the Philadelphia Electric Company selected K & M Hy-Temp Combination, a material combining high heat resisting qualities with unusual insulating efficiency. It consists of an inner layer of K & M Hy-Temp Insulation, and an outer layer of K & M "Featherweight" 85% Magnesia—one of the most efficient heat insulators ever developed.

There are a few territories open for desirable Distributors. Why not get in touch with us today?

KEASBEY & MATTISON COMPANY
AMBLER, PENNA.

Be sure to visit the K & M exhibit in the Home Building Center at the New York World's Fair.



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WHAT WOULD YOUR ANSWER BE?

Of the many odd and interesting things which constantly reach our desk via mail, telegraph and telephone, one came in a week or so ago which was difficult, in fact impossible, to satisfactorily answer.

The inquirer wanted to know if it were true that the number of asbestos products had increased from 200 to 1500 during the last thirty years.

How would *you* answer that one?

It is a question which is impossible to answer with a straight "Yes" or a straight "No." The answer depends upon many varying factors and qualifications.

In the first place, just what *is* an asbestos product? If we say "It is a material or commodity which contains asbestos," then under the head of asbestos products we would include roofing paint, pottery, asbestos covered wire or cable, buttons, molded products and a number of other things not commonly regarded as truly asbestos products.

If we say "It is a product in which asbestos is the principal or largest ingredient," then we exclude a large number of things which *are* commonly regarded as asbestos products—such as asbestos-cement shingles, flat sheets, pipes, etc.

Then there is the other side of the story. There are said to be six distinct types of asbestos brake linings (see page 33 of April 1938 "ASBESTOS"). They are made by different processes,—woven as tape, moulded, folded cloth, and so on; they contain asbestos in different forms —yarn, cloth, fibre. There are clutch facings made by the same processes but in a different shape; there are brake blocks, industrial linings of various constructions. Are each and every one of these to be regarded as separate and distinct asbestos products? If not where and how shall we draw the line?

Taking asbestos paper products, i. e., paper, rollboard, millboard, paper tape, corrugated paper—should we consider them as a group or each one a different product?

The asbestos-cement field (meaning those products

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ASBESTOS

Arizona Crude
Canadian Crude
Canadian Spinning Fibre
Canadian Shingle Fibre
Cyprus Asbestos
Italian Crude
Russian Crude
Rhodesian Crude
South African Blue Crude
South African Yellow Crude

ASBESTOS LIMITED INC.

8 West 40th Street : New York City

Works: MILLINGTON, N. J.

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made from Portland Cement and asbestos fibre) is just as bad—there are shingles, flat sheets, corrugated sheets, ebonized sheets, pipe, wall tile, encased sheathing, etc. Each has a separate and distinct use; to a great extent they are used in entirely different fields; for different purposes.

Worse still when we consider the packing and gasket field. Many types and kinds, constructed in different ways, used for different purposes. If we try to separate them into distinct groups (considered from an asbestos point of view) the result is only confusion.

We would surely call an asbestos theatre curtain a different asbestos product from an asbestos suit. Would we class as another "product" asbestos gloves? And asbestos blankets as still another?

Observe the confusing and conflicting points which arise when the subject is discussed. To anyone familiar with the asbestos industry as a whole, these observations may seem quite obvious, but they are *not* obvious to the general public. And the inquiry opens up a wide field for discussion.

How did we answer the question? Oh we told the inquirer that it was impossible to answer his question by a straight yes or no—that the *uses* of asbestos products have probably increased at the rate he suggested, and that in considering the uses perhaps the figures could be made even higher with absolute truth.

SIR EDMUND DAVIS DIES

On February 20th death took one of the outstanding figures in the African mining field, Sir Edmund Davis.

Born at Melbourne in August 1862, he went to South Africa in 1879, and was employed by a commercial firm. Soon afterward he took over the management of Sealing and Guano islands near the coast, going to Barberton. There he acquired an interest in a gold mining company and thus began a career which has done much toward promoting the mining industry in Africa along safe, sane and profitable lines.

For many years he had been one of the most notable

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figures in finance in London and thruout Africa. At the time of his death he was a director of twenty or more companies,—chairman of most of them.

He was virtually the founder and organizer of the great base metal industry of Southern Rhodesia, including the asbestos mines at Shabani, the chrome mines at Selukwe, coal at Wankie, lead-zinc-vanadium at Broken Hill, and the great copper deposits on the Congo border.

He was Chairman of the Rhodesian & General Asbestos Corporation, which owns the Shabani asbestos mine.

Because of his work in developing the mineral resources of the British Empire, he was knighted by King George in 1927.

K&M's FIERY SNOW MAN

The Exhibit of Keasbey & Mattison Company, pioneers in the manufacture of Asbestos and Insulating materials is one of the largest single attractions in the Home Building Center at the New York World's Fair.

A large side panel is the world's first complete asbestos mural, brilliantly colored and lighted, conveying thru symbolism the part asbestos plays in the protection of the home. The central display is a magical snow man which does not melt, tho subjected to tremendous heat, being protected from a raging fire by sheets of commercial asbestos insulation. All around the central back wall are six sections which in turn show the story of asbestos, its use on the farm, in the home and industry, and its application to the deadening of sound.

Russia and Poland have signed a trade pact regulating mutual economic relations and providing for an extensive increase in commerce between the two countries. In accord with the pact Russia will increase exports of cotton, furs, fertilizers, tobacco, manganese, lead and *asbestos* in exchange for increased Polish exports of coal, ferrous metals, textiles, textile machinery and leather, this according to recent item in the Journal of Commerce.

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ESTELLE JOHNSON DIES AT 70

Miss Estelle M. Johnson, Secretary of The Ruberoid Co., passed away on March 14, from complications following a fall when she fractured a leg.

Miss Johnson was born in Brooklyn, where her father conducted a ship chandlery business. As a girl of eighteen she studied shorthand and practiced typing at night while completing her studies in the Brooklyn public schools. At that time there were less than 1,000 women stenographers in Greater New York; today, according to census figures there are more than 89,000.



Estelle M. Johnson

In 1886, when The Ruberoid Co. was founded by the late Ralph L. Shainwald, Miss Johnson was his stenographer and general office assistant, the two of them constituting the entire staff of the New York Office in Maiden Lane, and this being her first position.

During her entire working life she was employed by only the one firm, known at its founding as the Standard Paint Company. In the more than half century of her service Miss Johnson, according to her associates, played a valuable part in the development of The Ruberoid Co., which has grown to be a $16,000,000 corporation. Following promotion from time to time to a succession of increasingly important positions, Miss Johnson was elected Secretary of the Corporation in 1924.

Altho her duties had been lightened during the past year, due to impaired health, she had kept regular office hours and followed closely all important developments in the business until March 3rd, the date of her fall.

Miss Johnson's business career is believed to have marked a record for women in length of continuous service with one organization.

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Rhodesian
Transvaal
Canadian
(BELL MINE)

ASBESTOS

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CORRECTION - CAHOKIA

In the issue of December 1938 "ASBESTOS" printed an article describing the insulation of the Cahokia Plant of the Union Electric Light & Power Company at St. Louis, Missouri.

It has been called to our attention that this article, because of the omission of certain information, was misleading in that it indicated that all insulation in this plant was supplied and applied by a single manufacturer. "ASBESTOS" is pleased to print the following history of the insulation of this plant so that due credit may be given to all contractors and suppliers who have had a part in this extremely large and interesting job since its inception.

The complete plant consists of three sections and each section comprises two complete turbine units.

The first of these sections was completed in 1923 and its insulation was furnished and applied by the Philip Carey Company. This section is of interest because it was one of the first large public utility jobs to make use of the then newly developed Carey "Hi-Temp" in conjunction with 85% Magnesia.

Section Two, including Turbine Units 3 and 4 was insulated by Johns-Manville.

In Section Three, just recently completed, and the subject of the article in our December number, Turbine Unit No. 5 was insulated by Johns-Manville. On Turbine Unit No. 6 the insulation for ducts and breechings was applied by Johns-Manville as described in our previous article. However, on this unit all piping and heater insulation was applied by Mundet Cork Corporation. Approximately 10,000 feet of Magnesia and High Temperature Pipe Covering, together with the necessary completing materials were supplied by Keasbey & Mattison Company, thru Mundet Cork Corporation, for this portion of the job.

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ASBESTOS

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THETFORD MINES

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SIMPLIFYING BALANCE SHEETS

How many of us have "skipped" reading the annual or quarterly reports of firms in which we are interested, as stockholders or otherwise, simply because the long array of figures and financial terms looked too formidable to tackle or too wearisome to read.

Large organizations are beginning to realize this and are publishing their annual reports in a more readable form.

Johns-Manville's report to stockholders last year (for 1937) was written in non-technical language; this year they went a step farther and devoted several pages to photographs of their various activities, plants and people.

The Ruberoid Co.'s report for 1938 was also written in an interesting and readable style.

Then Johns-Manville took another step forward and this year, besides its report to stockholders, issued a "Report to Jobholders" which has created a great deal of interest both inside and outside the organization and the Asbestos Industry.

They created a humorous gnome-like figure symbolic of the J-M Sales Dollar; and the frolics he went thru, and the headaches he had in 1938 result in a report which almost anyone can understand and which is quite delightful to read.

We feel certain that the effort expended in getting out such a report will be repaid many times over by the better understanding on the part of Jobholders of the company's many problems and perplexities.

Our business in life is not to get ahead of other people, but to get ahead of ourselves. To break our own record, to outstrip our yesterdays by today, to bear our trials more beautifully than we have ever dreamed we could, to whip the temper inside and out as we never whipped him before, to give as we never have given, to do our work with more force and a finer finish than ever —this is the true idea—to get ahead of ourselves.

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JOHNSON'S COMPANY

ESTABLISHED IN 1875

Head Office

Thetford Mines, P. Q., Canada

Mines

Thetford Mines, Quebec
Black Lake, Quebec

Producers of All Grades of

RAW ASBESTOS

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MARKET CONDITIONS

GENERAL BUSINESS

"Straws" says the proverb, "show which way the wind blows".

One of the best "straws" noted this month is a release by the General Electric Co. in which President Gerard Swope announces that orders received by the company in the first quarter of 1939 amounted to $86,882,953, compared with $65,376,400 for the corresponding period in 1938, an increase of 33 per cent.

Another, quoted from a recent issue of "Newsweek": "Toy sales reported by 84 manufacturers were up 33 per cent in February, over the same 1938 month, following a 56 per cent increase in January", and "toys" we might remark, are not a necessity.

Business commentators as a group are optimistic about the first half of the year, altho apparently do not care to commit themselves for any longer period.

On the other hand there is plenty to worry about, and the most worrisome feature is, of course, the European situation. "The outbreak of another acute crisis in Europe", says the National City Bank letter for April, "and the accompanying market unsettlement in this country, have made March a generally disappointing month to observers of the business situation." Further quotations from the same source are not any too encouraging: "Many business men had hoped that the arrival of Spring might bring signs of resumption of last Fall's upswing; and early in the month a pickup in buying in a number of lines, together with firmness in commodity prices, furnished some support for these hopes. However, the improvement has made little headway." . . . . . "The industries have not been provided with a backlog of orders sufficient to promise any marked rise in April." . . . "Testimony as to business sentiment over the country indicates that it is conservative, altho not pessimistic."

RAW ASBESTOS

Says one of our correspondents, "Only financial restrictions imposed by European Countries and the Far

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has EVERYTHING



Here's an asbestos paper that has *everything!* It's called RU-BER-OID–WATSON No. 43-A.

It has STRENGTH—obtained by special processing. Its wet strength simplifies paste application. It has COLOR—the right color. It's blue white, and stays that color. It has FINISH—one side, smooth and water-repellent; on the other, rough-textured for better adhesion.

These features make No. 43-A ideal for protecting air conditioning ducts, wood partitions, wrapping furnace pipes, lining stoves, ovens and gas ranges. Write for full details.

The RUBEROID Co.

Executive Offices:

500 Fifth Avenue New York, N.Y.

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East prevent shipments of asbestos from Canada from making a banner year. There would actually be a shortage of many grades if these restrictions were removed. Even so, shipments from all mines are showing an improvement over the previous year—with prices firm."

ASBESTOS - MANUFACTURED GOODS

Textiles. This market, from a volume point of view, has stepped up a little. The price situation, however, is still very unsettled.

Paper and Millboard. Demand is light in this market but prices are quite firm.

Insulation. High Pressure. Volume continues fairly steady but at comparatively low levels. No definite signs of improvement have been noted up to the present.

Insulation. Low Pressure. Demand is light, partially at least due to the season, but some improvement in price trend and stability has been noted.

Asbestos-Cement Products. Continued inclement weather in the northern tier of states is still affecting volume in the Asbestos-Cement shingle market, but there seems to be some indication of increasing business in Asbestos-Cement lines. New and improved products, as well as stimulated interest in building is believed to be the cause of this increase.

These comments have been made by men in close touch with the various markets. Executives in all asbestos lines are invited to send us their opinions.

CURRENT RANGE OF PRICE
on Canadian Crudes and Fibres

	Per Ton (2000 lbs.) f.o.b. Mine
Group No. 1 (Crude No. 1)	$700.00 to $750.00
Group No. 2 (Crude No. 2; Crude Run-of-Mine and Sundry[1])	150.00 to 350.00
Group No. 3 (Spinning or Textile Fibre)	110.00 to 200.00
Group No. 4 (Shingle Fibre)	57.00 to 78.50
Group No. 5 (Paper Fibre)	40.00 to 45.00
Group No. 6 (Waste, Stucco or Plaster)	30.00
Group No. 7 (Refuse or Shorts)	12.00 to 25.00

[1] Crude Run-of-Mine refers to a crude asbestos produced in certain mines where Crude Fibre is not graded into regular No. 1 and No. 2 Crude. Crudes Sundry refers to certain odd lots of off grade material which do not conform to the regular standards of No. 1 Crude or No. 2 Crude.

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Parsons Slate and Asbestos Cutters

Pays for Itself on First Job

Light Weight, Portable, Low Cost

Parsons Cutters for Roofers, Contractors, Carpenters, Mechanics.

Cuts to any width or length and all notches and angles.

Sturdy Construction - Simple Operation. Can be carried in Tool Kit and be used on Roof or Scaffold.



PARSONS BROS. SLATE CO.

PEN ARGYL, PA.

Write for Circular - Further Information - Price

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CONTRACTORS AND DISTRIBUTORS PAGE

Insulation Trade a Distinct Branch of the Building Industry

The insulation contractors and manufacturers in Chicago have for many years been working to have owners, architects, engineers and U. S. Government Departments accept the Insulation trade as a separate and distinct branch of the building industry, one of their chief activities to this end being the writing of separate specifications for pipe covering instead of having such work included with the steamfitter and plumber and air conditioning contractors.

A number of awarding authorities in the Middle West have accepted the idea, but it is felt that a long step forward has recently been accomplished because the Illinois Society of Architects has recognized the Insulation Industry as a separate and distinct unit of the building trades, and has included in its annual handbook for 1939 an article telling the story, describing the various types of insulating materials, and, finally, recommending specifications based on standard insulation practice.

Material for this article was gathered and put in shape by a committee of contractors and manufacturers composed of Fred Morgan of the Smith-Totman Company, Frank P. Kuchenbecker of the Asbestos & Magnesia Materials Company and Matthew J. Fitzgerald of the Standard Asbestos Manufacturing Company.

From their experience, the Chicago Contractors have found that a separate specification including all non-conducting insuling materials required for a project has resulted advantageously to the pipe and boiler covering contractors and urge that this movement be given whole-hearted support and cooperation of the asbestos industry and especially of the insulation industry thruout the country.

Editor's Note: If a similar movement is being sponsored by any other group of insulation contractors and manufacturers send us the details and let us publish them in our May issue.

New Refractory. A new castable refractory—Light Weight Firecrete,—has been announced by Johns-Manville for making special refractory shapes, replacing difficult brick construction, lining furnace doors, etc. The new product is suitable for working temperatures up to 2200 deg. F. Sixty-five pounds of the material are required per cubic foot of finished construction.

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Building

At no time since 1929 has the February volume of residential building equaled the total for February, 1939. Residential contracts awarded in the 37 Eastern States last month amounted to $79,020,000, according to F. W. Dodge Corporation. This total represents a gain of 98 per cent over the February, 1938 total which amounted to $40,023,000.

The combined total of residential contracts for the first two months of this year was more than twice the corresponding 1938 total. Altho the public housing program is growing in importance, it is significant that the greatest contribution to the residential building gains was made by private enterprise. At the end of the first two months of this year, private residential contracts amounted to $140,276,000, as compared with only $19,907,000 for public projects. The private residential total showed a gain of $65,561,000 over the first two months of last year as compared with a gain of $18,392,000 for public residential building.

The 1939 record of private residential construction reveals the fact that in the multiple family dwelling type, comprising many large scale rental housing projects insured by F.H.A., the cumulative dollar gain over last year at the end of February amounted to 176 per cent. For the same period, the dollar gain in the small house field consisting of privately-owned one and two family residences amounted to 62 per cent.

Contemplated new residential building for February amounted to $169,854,000, a gain of 65 per cent over the February, 1938 figure which amounted to $102,990,000. The cumulative record of contemplated residential projects for the first two months of this year was 42 per cent ahead of the corresponding two months of last year.

A man has achieved something worthwhile when he earns the respect of his customers, but it does not compare with the achievement of earning the respect of his competitors.—*H. E. Pearse in The American Roofer.*

WANTED

Machine to corrugate Asbestos Paper and a machine to wind Asbestos Covering. Write full details, price, etc., Box 3AA-B, "ASBESTOS", 16th Fl., Inquirer Bldg., Philadelphia, Pa.

WANTED

2 experienced men to take charge of selling Asbestos Textiles and allied products for Pittsburgh and Chicago Districts. Advise past experience and salary required. Address 4A-N "ASBESTOS", 16th Fl., Inquirer Bldg., Philadelphia, Pa.

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RAYBESTOS MOVES FACTORY

Bridgeport Plant combined with the Stratford Plant

The Bridgeport plant of the Raybestos Division of Raybestos-Manhattan, Inc., has been combined with the Stratford, Conn., factory, following an extensive building program at Stratford, just completed. The new administration unit, illustrated below, has been developed in a pleasing Colonial design to harmonize with old Stratford's fine public buildings.



New Administration Building of Raybestos-Manhattan, Inc.

In addition to this and other new buildings, extensive additions have been made to several of the existing structures to take care of various departments previously at Bridgeport.

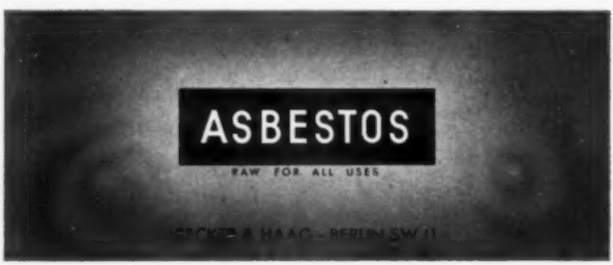
The new plant will include enlarged manufacturing facilities and new equipment. A special building will now house the Chemical and Physical Testing Laboratories and the Raybestos Brake School, where mechanics from Raybestos dealers in all parts of the country come for a free course in brake service work.

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ASBESTOS
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Stock at Hamburg, Rotterdam



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RELATION OF PRODUCTION OF ASBESTOS IN VARIOUS COUNTRIES

	1937 Tons (2000 lbs.)	1938 Tons (2000 lbs.)
Canada—All Grades (except waste rock) Actual Production	409,813	289,820
Canada—All Grades (except waste rock) Sales and Shipments	410,024	289,793
Cyprus (Exports)	13,080	6,330
Rhodesia (Africa) — Actual Production	57,015	58,810
Union of South Africa — Actual Production	28,633	....[3]
Union of South Africa—Exports	27,848	....[3]
United States of America—Actual Production	13,896[4]	12,901[4]
U. S. S. R. (Russia)—Exports	30,092	....[3]
Imports into U. S. A.—from all Sources	307,188	179,489
Consumption by U. S. A. (Apparent)[1]	316,263[4]	187,150[4]
Imports into England (All Sources)	62,258	60,278
Production of Blue — Crocidolite	5,247[2]	....[3]
Production of Amosite	6,531[2]	....[3]

ROCK MINED AND MILLED—Canada Only

(From Statistics published by the Dominion Bureau of Statistics and the Quebec Bureau of Mines)

	1937 Tons (2000 lbs.)	1938 Tons (2000 lbs.)
Rock Mined	6,477,805	5,816,368
Rock Milled	5,440,607	4,874,548
Asbestos actually produced from this Rock	409,813	289,820

1 Production plus Imports minus Exports.
2 Included in figure given above for production of Union South Africa.
3 Not available at time of going to press.
4 U. S. Bureau of Mines—M.M.S. 716.

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Africa (Rhodesia) — January 1939

	Tons (2000 lb.)	Value £	s	d
Bulawayo District				
Nil Desperandum (Afr. Asb. Mng. Co. Ltd.)	703.08	8,850	5	7
Pangani (Pangani Tributors)	8.55	51	9	7
Shabanie (Rho. & Gen. Asb. Corp. Ltd.)	3,326.92	62,834	16	2
Victoria District				
D. S. O. (Mashaba Rho. Asb. Corp. Ltd.)	5.00	21	3	9
Gath's and King (Rho. & Gen. Asb. Corp.)	771.87	16,129	2	0
Murie Asb. (Mashaba Rho. Asb. Co. Ltd.)	13.00	180	18	6
Regina (African Asb. Mng. Co. Ltd.)	29.20	445	12	0
	4,857.62	88,513	7	7
January 1938	*4,900.15*	*73,844*	*1*	*10*

SUMMARY FOR THE YEAR—RHODESIA (Tons of 2000 lbs.)

	Yr. 1937 Tons	Yr. 1938 Tons		Yr. 1937 Tons	Yr. 1938 Tons
January	4,699.15	4,900.15	July	4,731.38	4,913.04
February	4,721.49	4,955.82	August	4,795.75	4,918.93
March	4,630.32	4,965.56	September	4,549.69	4,878.90
April	4,763.02	4,893.75	October	4,767.34	4,879.85
May	4,741.10	4,855.15	November	4,950.07	4,865.70
June	4,748.53	4,881.07	December	4,916.30	4,902.65
				57,014.14	58,810.57
Value for Year				*£843,025*	*£1,020,926*

Canada

(Statistics published by Bureau of Mines, Province of Quebec)

Production January 1939	18,780 tons	(2000 lbs.)
Production January 1938	16,845 tons	(2000 lbs.)
Production February 1939	21,224 tons	(2000 lbs.)
Production February 1938	12,177 tons	(2000 lbs.)

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United States

(Figures published by U. S. Bureau of Mines)

Mineral Market Report No. M.M.S. 716, was issued by the U. S. Bureau of Mines, Washington, D. C., under date of March 22nd, and contains interesting information on the "Asbestos Industry in 1938", giving final production figures

Production of asbestos in the United States in 1938 amounted to 12,901 short tons, (compared with 13,896 short tons in 1937) a decrease of 7%.

The quantity sold or used by producers in 1938 (10,440 tons valued at $247,264) decreased 14% in quantity and 28% in value. Stocks in the hands of producers as of December 31, 1938 were higher than in 1937.

The production figure above given includes chrysotile from Arizona and Vermont and amphibole (tremolite) in Maryland.

A table showing apparent domestic consumption for the last 10 years is included in the report (quantity sold or used by producers plus imports minus exports) the 1938 consumption being 187,150 short tons compared with 316,263 tons in 1937.

The report also gives a table of World Production for 1934-35-36-37, figures not being available (except in the case of the United States and Canada) for 1938; and prices obtaining on Canadian, Rhodesian, South African, Russian and Vermont asbestos during the year.

Copies of the report can be obtained by writing the U. S. Bureau of Mines, or from "ASBESTOS" as we have several extra copies.

FOR SALE

Tremendous deposit of Superfine

CHRYSOTILE ASBESTOS

Near Lander, Wyo.

This property contains high yield of crude fibre. Serpentine formation. Easily mined and is very accessible.

Will make a fair deal for quick action.

Owner, CHAS. RETZKY, 850 Ainslie St., Chicago

Phone, Sunnyside 4815

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IMPORTS AND EXPORTS

Imports into U. S. A.
(Figures published by U. S. Dept. of Commerce)

Unmanufactured Asbestos Goods:

	January 1938 Tons (2240 lbs.)	January 1939 Tons (2240 lbs.)
Austria	3	.....
Africa (Br. S.)	626	769
Canada	12,779	12,013
Finland	20	.....
Italy	195	2
	13,623	12,784
Value	*$547,947*	*$520,646*

Tabulation of Crudes and Fibres:

Crude (Africa-Br. S.)	626	769
Crude (Canada)	61	53
Crude (Italy)	2	2
Milled Fibre (Canada)	5,489	3,796
Lower Grades (Austria)	3	.....
Lower Grades (Canada)	7,229	8,164
Lower Grades (Finland)	20	.....
Lower Grades (Italy)	193	.....
	13,623	12,784

Manufactured Asbestos Goods:

	January 1938 Pounds	January 1939 Pounds
Austria (Packing)	1,440	.....
Belgium (Shingles)	206,654	174,000
Germany (Packing)	.....	1,858
Germany (Woven Fabrics)	252	.....
United Kingdom (Yarn)	4,474	3,610
United Kingdom (Packing)	787	2,098
United Kingdom (W. Fabrics)	2,433	6,525
	216,040	188,091
Value	*$ 8,337*	*$ 8,957*

Exports from U. S. A.
(Figures published by U. S. Dept. of Commerce)

Exports of unmanufactured asbestos during January 1939 amounted to 124 tons, valued at $13,749; in January 1938, 237 tons valued at $37,470, were exported.

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Exports from U. S. A. (Contd.)

Exports of Manufactured Asbestos Goods:

		January 1938		January 1939	
		Quantity	Value	Quantity	Value
Paper, Mlbd. & Rlbd.	lbs.	472,834	$15,434	70,701	$ 4,085
Pipe Covg. & Cement	lbs.	148,383	11,469	177,233	10,008
Textiles & Yarn	lbs.	4,832	2,184	1,569	599
Packing	lbs.	66,069	37,505	116,046	60,500
Brake Lining—					
Molded & S.-Molded		.....	47,259	.....	38,376
Not Molded	lin. ft.	29,789	7,568	49,573	11,586
Clutch Facings—					
Molded & S.-Molded	units	16,165	5,372	13,468	4,999
Woven	units	38,802	6,789	7,108	2,464
Magnesia & Mfrs. of	lbs.	245,043	25,208	129,870	17,519
Asbestos Roofing	sqs.	1,998	9,743	5,514	39,541
Other Manufactures	lbs.	192,914	24,030	312,364	23,052

Exports of Raw Asbestos from Canada

(Figures by Dominion Bureau of Statistics)

	January 1938		January 1939	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
United Kingdom	125	$ 6,750	77	$ 12,087
United States	6,924	389,629	4,461	276,872
Australia	593	30,413	674	45,757
Brazil	.....	.....	5	347
Belgium	67	3,340	.....	.....
China	.....	.....	672	26,880
Columbia	.....	.....	1	122
France	20	2,200	40	4,140
Germany	743	78,429	22	4,070
Italy	24	3,107	237	15,150
Japan	985	34,851	1,688	107,641
Netherlands	99	3,465	.....	.....
	9,580	$552,184	7,877	$493,066
Sand and Waste				
United Kingdom	60	1,343	40	560
United States	8,160	125,017	9,097	166,587
France	.....	.....	30	720
Germany	121	2,662	.....	.....
	8,341	$129,022	9,167	$167,867
Grand Total	*17,921*	*$681,206*	*17,044*	*$660,933*

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Imports and Exports by United Kingdom:

Imports of Raw Material.

	January 1938		January 1939	
	Tons (2240 lbs.)	Value	Tons (2240 lbs.)	Value
From Africa (Rhodesia)	1,696	£38,571	2,883[1]	£79,991
Africa (Union of South)	857	14,033	613	13,764
Australia	30	2,466	5	104
Canada	116	1,568	78	2,954
Cyprus	50	918	.....	.....
Finland	27	194	30	231
Germany	5	230	.....	.....
Italy	4	202	2	160
Netherlands	147	5,213	9	355
U. S. S. R. (Russia)	283	3,778	.....	.....
	3,215	£67,173	3,620	£97,559

1 Includes 305 tons valued at $15,316, marked as coming from Northern Rhodesia. We have never heard of any asbestos being mined in Northern Rhodesia.

Imports of Asbestos Manufactures:

January 1939 ..... 28,804 cwts. valued at £12,398
January 1938 ..... 34,567 cwts. valued at £12,062

Exports of Asbestos Manufactures:

	January 1938		January 1939	
	Cwts.	Value	Cwts.	Value
To Eire (Irish Free State)	1,234	£ 1,609	2,890	£ 4,038
British India	5,524	6,968	3,028	8,292
Australia	1,144	5,015	796	5,421
Other British Countries	29,042	30,444	26,515	29,310
Netherlands	1,812	5,706	1,142	4,696
Belgium	599	3,630	829	3,346
France	537	2,283	500	2,305
Italy	58	931	117	1,117
Other Foreign Countries	18,688	32,864	10,922	27,727
	58,638	£89,450	46,739	£86,252

AUTOMOBILE PRODUCTION

In February 1939, 312,141 motor vehicles were produced in the United States and Canada (297,841 in the United States and 14,300 in Canada). This was somewhat less than the January figure of 353,946, but went way ahead of February 1938 when only 202,597 automobiles were produced.

Total production for the first two months of the present year was 666,087 (636,993 in U.S.A. and 29,094 in Canada) compared with 429,749 (396,059 in the U.S.A. and 33,690 in Canada) for the first two months of 1938.

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NEWS OF THE INDUSTRY

BIRTHDAYS.

Philip A. Meyer, Treasurer, Sall Mountain Co., New York City, April 16.

F. C. Edson, President, Asbestos Manufacturing Co., Huntingdon, Ind., April 18.

C. Mosier, Vice President & General Manager, Union Asbestos & Rubber Co., Cicero, Ill., April 18.

P. O. Baker, Sales Representative, General Asbestos & Rubber Co., (address Providence, R. I.) April 18.

A. D. Simpson, General Manager, Asbestos Erectors, Ambler, Pa., April 19.

George A. MacLellan, Managing Director, George MacLellan & Co., Glasgow, Scotland, April 19.

Frank T. Hearst, Manager, Kelley Asbestos Products Co., Kansas City, Mo., April 20.

H. H. Robertson, President, H. H. Robertson Co., Pittsburgh, Pa., April 21.

S. D. Van Fleet, Comptroller, The Ruberoid Co., New York City, April 24.

J. Carroll Johnston, President & Treasurer, Atlas Asbestos Co., North Wales, Pa., April 28.

John Lotz, Jr., President, Lotz Asbestos Co., Hartford, Conn., April 29.

Clare S. Jamar, Vice President, Walker-Jamar Co., Duluth, Minn., April 29.

Merlin W. Simon, Secretary, Sprinkmann Sons Corp., Milwaukee, Wis., April 30.

G. A. MacArthur, Secretary & Treasurer, G. A. MacArthur Co., Minnesota Transfer, Minn., May 6.

Geo. A. Fabel, President, Southern Asbestos Co., Charlotte, N. C., May 7.

L. L. Cohen, President, Union Asbestos & Rubber Co., Cicero, Ill., May 7.

Alvin M. Ehret, Sr., Chairman, Ehret Magnesia Mfg. Co., Valley Forge Pa., May 15.

The congratulations and best wishes of "ASBESTOS" and the Asbestos Industry are extended to these gentlemen on the occasion of their birthdays.

THERMOID CO. reports net income of $19,952 for 1938, after amortization and minority interest, equal to 50 cents each on 39,956 shares of $3 convertible preferred stock, excluding 364 treasury shares. In the previous year the company reported net income of $120,676, equal, after preferred dividends, to slightly less than one cent each on the 476,388 shares of common stock.

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• BLUE ASBESTOS

The Cape Asbestos Company, Ltd., is the world's largest supplier of acid-resistant blue crocidolite asbestos, and the only manufacturer operating its own mines. Inquiries solicited on:

MILLBOARD **YARNS**
ROVINGS **POWDER** **CLOTHS**
PROCESSED FIBRES
Unexcelled for use in
ASBESTOS CEMENT PIPES

• AMOSITE ASBESTOS

This fibre owing to its great length and bulk is unrivalled for use as an insulating medium in:

Asbestos mattress filler
85% Magnesia Insulation

The CAPE ASBESTOS CO. Limited
Morley House, 28-30 Holborn Viaduct, London, E.C.1.
FACTORY, BARKING, ESSEX

United States Sales Agent:
ARNOLD W. KOEHLER
415 LEXINGTON AVE. **NEW YORK CITY**
TELEPHONE—MURRAY HILL 2-8287

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"WOVEN ROCK" is the title of a most attractive and interesting booklet recently published by Bell's Asbestos and Engineering Limited of Slough, Bucks, England. This book shows asbestos firefighting suits, blankets and, of even greater interest curtains, upholstery, hearthrugs, firescreens, etc., for use in the home, and particularly in the nursery. Further information will be gladly supplied by the company.

ANDREW REID. Notification has just reached us of the death on January 6th, of Andrew Reid, Chairman of James Hardie & Co., Pty., Ltd., Sydney, N.S.W., Australia. Mr. Reid, who died suddenly after a short illness was in his 71st year. Some of our readers will recall Mr. Reid's visit to the States about a year and a half ago.

"TRANSITE'S A RIPE FOR PULP" is the title of a very informative article treating of the use of asbestos-cement pipe in paper mills, which appears in the Power Specialist (Johns-Manville House Organ) January-February 1939 issue.

"ASBESTOS DUCTS AND AIR CONDITIONING SYSTEMS" by R. H. Heilman of the Mellon Institute, and R. A. MacArthur of the Philip Carey Mfg. Co., appeared in the March issue of Power Plant Engineering (published by the Technical Publishing Company, 53 W. Jackson Blvd., Chicago.) Tho brief, the article contains very interesting information together with charts for calculating friction losses in air conditioning ducts.

ROCKBESTOS PRODUCTS CORPORATION, of New Haven, Conn., on March 1, 1939 published its Handbook and Catalog No. 10-E which illustrates and describes wires, cables and flexible cords designed for use where electric wiring, either in conduit or open, is exposed to heat, fire hazard, corrosive fumes, vapors, oil or grease. A page is devoted to the subject of "Asbestos—older than the Centuries"; standard specifications for All-Asbestos Wires and Cables and descriptions, tables, etc., of various All-Asbestos wires and cables are also included in the book.

"A MAGIC FIBER IN MODERN INDUSTRY—ASBESTOS" is No. 61 in a series of stories on outstanding developments in the efficiency of American industries, which have been appearing in The United States News, published at 2201 "M" St., N.W., Washington, D. C.

THE CELOTEX CORPORATION, in furtherance of its plans to develop a full line of building materials announces the purchase of an additional 43,200 shares of the outstanding stock of the Certain-teed Products Corporation, thus increasing its interest in Certain-teed's outstanding common stock to approximately 24 per cent.

MARSHALL ASBESTOS CORP., Troy N. Y., announces the appointment of A. J. Roemer as sales manager of their replacement division, and of K. W. Nasholds as assistant sales manager. Mr. Roemer, who has been with the corporation five years, will con-

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tinue to supervise his former territory in New York and New England in addition to his new duties.

F. M. OLIVA, 142 Pearl St., New York City, has an inquiry from South Africa for a complete second hand plant for making asbestos millboard in sheets from ¾" to 1" in thickness and maximum size of 36" x 48". The equipment should also include the machinery for polishing one side of the sheet and cutting it to panel size. We suggest that anyone interested in selling excess equipment get in touch with Mr. Oliva.

ASBESTOS IMPORTERS ASSOCIATION. Our January number (page 36) mentioned the establishment of an Asbestos Importers Association in Japan. A further report (U. S. Minerals Circular No. 19, dated Mar. 15, 1939) is to the effect that the participating concerns at present include Mitsui Bussan Kaisha, Asano Bussan Kaisha, Okura Trading Co., Bunka Boeki, Saito Shoten, Shimada Shokai and Kokusai Sekimen. The purpose of the Association seems to be speedier imports and simplified official licensing by adoption of import quotas within a specified period in conformity with the Government's import allowance plan. The report states that the indications at present are that the association members will monopolize future imports of asbestos.

J. OZUROVICH CO., Manufacturers and Contractors in the Asbestos Insulation Line, announces that its name has been changed to the Atlantic Asbestos Corporation. Address is the same as previously — 2128 Westchester Ave., Bronx, N. Y. The Corporation also has a new plant at Red Hook, N. Y.

"POINTERS ON ASBESTOS GASKETS", an article which appears in April 1939 "Power" (published at 330 W. 42nd St., New York City) says: "Knowing how asbestos sheet gasketing is made and how to apply it properly means fewer troublesome joints in power plant piping".

JOHNS-MANVILLE CORPORATION. All officers of Johns-Manville were reappointed by the Board of Directors at its regular meeting held March 27th.

Robert W. Lea, Vice President in charge of finance, whose appointment was announced last January (See February 1939 "ASBESTOS", page 24) to become effective about the first of April, assumed his new duties with the company on March 27th.

PATENTS

This information obtained from the Official Patent Gazette, published weekly by the U. S. Patent Office, Washington, D. C.

Friction Clutch Facing. No. 2,144,831. Granted on January 24, 1939 to Charles H. Burns, Lancaster, Pa. Assignor to Raybestos-Manhattan, Inc. Application January 14, 1935. Serial No. 1,693.

A friction facing comprising a strip of woven or braided

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friction material including binder, said strip being of greater length than width and of greater width than thickness, shaped to form an endless ring of substantial homogeneous structure, the meeting ends of which are joined by a lateral joint, comprising a non-metallic interlocking key member, said meeting ends being coalescently united by said binder.

Apparatus for Making Insulated Electrical Conductors. No. 2,144,868. Granted on January 24, 1939 to Edgar D. Bent, Montreal, Quebec, Canada, assignor to Western Electric Co., Inc., New York City, a corporation of New York. Application Feb. 21, 1935. Serial No. 7,487.

In an apparatus for making an insulated electrical conductor having a sheath of asbestos fibre, means to tease the surface of the sheath and means to compact and polish the teased surface comprising a polishing member having a roughened portion and a smooth portion to be applied to the sheath successively.

Locomotive Cab Curtain. No. 2,145,235. Granted on January 31, 1939, to Robert E. Cryor, Oak Park, Ill., assignor to Union Asbestos & Rubber Co., Chicago, Ill. Application July 23, 1938. Serial No. 221,038.

A locomotive cab curtain comprising a fabric having Asbestos warp threads and having spun glass weft threads and said fabric being impregnated with a waterproofing and fireproofing composition, including chlorinated rubber, a non-combustible plasticizer and a strengthening agent selected from a group of natural or synthetic wax-like materials having melting points in the range of 60 to 110 degrees C.

Wick. No. 2,145,878. Granted on February 7, 1939 to Frank A. Jefferson, St. Petersburg, Fla. Application Oct. 14, 1936. Serial No. 105,607.

A wick composed of a body stratum of inflammable and absorptive threads, a flame edge comprising a marginal stratum thicker than said body stratum of non-inflammable and absorptive threads (asbestos), said strata being in edge to edge contact, and a binding thread of non-inflammable and absorptive material (asbestos), interwoven with the threads of both strata from the flame edge to the opposite edge.

Fluid Seal with Integral Vulcanized Packing. No. 2,145,928. Granted on February 7, 1939 to Wm. A. Heinze, Chicago and Wilbur F. Bernstein, Brookfield, Ill., assignors to Victor Mfg. & Gasket Co., Chicago, Ill. Application July 29, 1936. Serial No. 93,196. Description upon request.

Friction Clutch Facing. No. 2,146,518. Granted on February 7, 1939, to Albert Whitelaw, Passaic, N. J., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Application Sept. 11, 1935. Serial No. 40,097.

A friction clutch facing comprising a woven or braided strip of friction material in the form of an endless ring joint at the

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meeting edges, said ring containing a hardened binder, the back and a portion of the thickness only of said ring being reinforced against rupture with a heat hardened reinforcing medium.

Decorative Fibreboard. No. 2,146,871. Granted on February 14, 1939, to John A. Wiener, Oswego and Frank A. Bromley, New Rochelle, N. J. Assignor to Johns-Manville, N. Y. Application October 3, 1935. Serial No. 43,336. Description upon request.

Threshold Plate and Assembly. No. 2,147,700. Granted on February 21, 1939, to Walter J. Hennessey, San Francisco, Calif., assignor to Johns-Manville, New York. Application April 11, 1936. Serial No. 73,850.

An assembly comprising a floor, side walls, a door and a threshold plate disposed below and in contact with the door, the said plate being impermeable to water, effective as thermal insulation, tough and non-corrodible and including a hardened rubber binder and reinforcing fibres dispersed therethroughout.

Friction Element. No. 2,149,324. Granted on March 7, 1939 to Earl A. Wales, Cleveland, O., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Application July 26, 1937. Serial No. 155,603.

An annular friction element comprising a body of fibrous structure and a hardened binder and having superposed on the surface thereof and imbedded therein, in the form of an annular ring, woven asbestos cloth, said cloth extending over the said surface from one periphery thereof to a point spaced from its other periphery.

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial and Financial Chronicle. No guarantee made as to their correctness.)

		March 1939		
	Par	Low	High	Last
Armstrong Cork	np	37½	49⅛	41¼
Asbestos Corp. (Com.) Old	np	84	105	84
Asbestos Corp. (Com.) New	np	22¼	26½	23⅜
Celotex (Com.)	np	11¼	17⅞	14¼
Celotex (Pfd.)	100	69	74	70½
Certainteed (Com.)	1	7⅛	11¾	9
Certainteed (Pfd.)	100	35⅝	46¼	38½
Flintkote (Com.)	np	19¼	29⅞	21½
Johns-Manville (Com.)	np	70	98½	76½
Johns-Manville (Pfd.)	100	122	130	126
Raybestos-Manhattan (Com.)	np	17¾	21¾	18⅛
Ruberoid (Com.)	np	22	30½	24
Thermoid (Com.)	1	3	4⅛	3¼
Thermoid (Pfd.)	10	15½	22¾	16⅝
U. S. Gypsum (Com.)	20	85	108	90⅛
U. S. Gypsum (Pfd.)	100	170	181	177

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THIS and THAT

Library of Standards. The American Standards Association, 29 W. 39th St., New York City, maintains a library of 20,000 standards, specifications and related material. This includes standards from more than 20 countries, having national standardizing bodies, reports developed by the International Standards Association and standards established by several hundred technical societies, trade associations and Federal government departments in this country. This collection of standards and specifications is the only one of its kind in the United States.

"The Knack of Selling Yourself" by James T. Mangan, looks as tho it might be as popular as "How to Win Friends". It's a book for ordinary folk about the biggest problem ordinary people have to face today—how to sell themselves. It's interesting, in fact fascinating—helpful. The price is $2.50; the publishers—The Dartnell Corporation, Ravenswood & Leland Aves., Chicago, Ill. Or "ASBESTOS" will be glad to procure a copy for you.

Speaking of Insulation, The Celotex Corporation of Chicago, have built The Celotex House in the Town of Tomorrow at the New York World's Fair. The Celotex House is the last word in the use of cane fiber board insulation for the modern home. Celotex Traffic Top used on nearly a million square feet of ramps and floor surfaces, because of its resiliency promises to rid the Fair of "fair feet".

Time Cover. A recent issue of the magazine "Time" has on its front cover the picture of Lewis H. Brown, President, Johns-Manville. In the same issue (April 3, 1939) in an article headed "Public Relations" "Time" pays deserved tribute to President Brown for his successful selling of Johns-Manville to its stockholders, its employees and the general public.

Guide 1939. The Heating Ventilating Air Conditioning Guide for 1939 contains the largest Technical Data Section of any annual reference volume by the American Society of Heating and Ventilating Engineers. It contains 856 pages of text material; much of it has been rewritten; several new charts are included. A chapter devoted to the subject of heat transfer surface coils for summer and winter applications has been added. The Guide is available at $5.00 a copy either direct from the Society at 51 Madison Avenue, New York City, or thru "ASBESTOS". (DeLuxe Edition $5.50).

Only those who have the patience to do simple things perfectly will ever acquire the skill to do difficult things easily.

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ASBESTOS

TEXTILE PRODUCTS

made of asbestos fibre obtained from Africa, Arizona and Canada—each selected for specific qualities and properly blended to produce:—

Maximum strength and heat resistance.
Minimum iron for electrical purposes.
Non-scoring rod and valve packing.
Frictional properties in brake lining.

GARCO roving, yarn, cord, cloth, tape, tubing, rope, wick, wicking and other asbestos textile products give satisfaction because they are made of the best fibre for the particular purpose on modern equipment by skilful workmen.

Commercial Grade
Underwriters' Grade
Grade AA
Grade AAA
Grade AAAA

Write for Textile Catalog

GENERAL ASBESTOS & RUBBER DIVISION

of

RAYBESTOS-MANHATTAN, Inc.
NORTH CHARLESTON, S. C.

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DO YOU KNOW--

That one of the rebellions causing the South African War originated on property owned by the Cape Asbestos Company in Griqualand. . . . .

That the manufacture of Asbestos-Cement Pipe was introduced into the United States by Johns-Manville ten years ago. Today three of their plants manufacture this material. . . . .

That Canadian Crude Asbestos No. 1 and 2 sold at $3000. and $1750. per ton respectively, during the years 1918 and 1919, and these are believed to be the highest prices ever obtained for Canadian Crude. . . . .

?

(Send us Do You Know items concerning your Company)

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