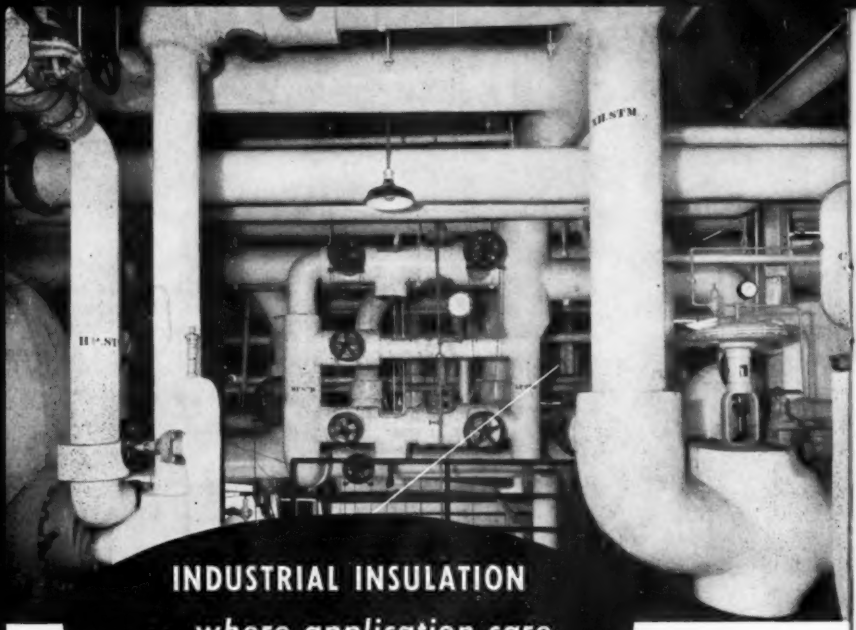
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Johnson's Asbestos Company's plant, Black Lake, P. Q., Canada

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CHRISTMAS NINETEEN HUNDRED FIFTY - FOUR:



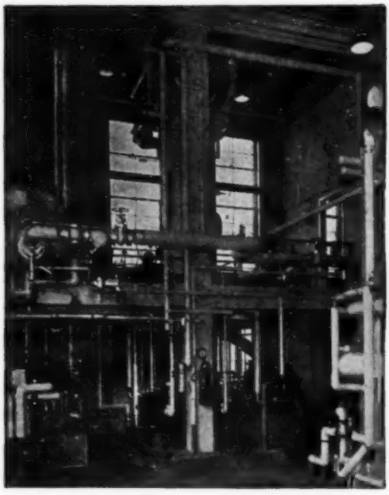
No doubt you too believe that the spirit of Christmas and the New Year helps us appreciate the true value of the friendly business folks whose loyalty makes it possible for all of us to successfully go on Christmas after Christmas and from one New Year to another.

Business has its friendships . . . many of them which gain strength as they go down through the years. Old names on the ledgers . . . old familiar letterheads in the files, old voices on the phone; all make us realize that behind every successful business there is a powerful force of friendship that gives warmth and feeling to the everyday things of life.

And so to you, one of our family of friends, we extend our most cordial Christmas Greetings. May the New Year bring you abundant good fortune and abiding cheer.



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INCIDENTS OF 1954

It is well, we believe, to pause for a few moments and review briefly the events in the Asbestos Industry during the past year.

While much of interest has occurred during 1954, there appears to be nothing of an outstanding nature—at least on the surface of things. Perhaps, in later years, we may look back and say that the invention of some asbestos material, the discovery of some new use, the promotion of some particular individual, or perhaps a development entirely outside the Asbestos Industry during 1954 served to change the entire course of asbestos progress.

In the early part of the year The Ruberoid Co. acquired Dixie Asphalt Products Corporation including assets, goodwill and going business. Later they also acquired the Ebsary Gypsum Company which introduced them into the gypsum field. The year 1954 marked the Golden Anniversary of the Scandinavia Belting Company resulting from a chance encounter by Messrs. Fenton and Cobbett while on a fishing trip. Two large projects in Johns-Manville's expansion and improvement program were launched with the start of construction of a new Canadian Products Division Headquarters building at Port Credit and the new synthetic silicates plant at Lompoc, California. The Cellulo Company of Sandusky, Ohio, manufacturers of Disc, Pulp and Filteraid Filters, Filter Papers, Asbestos Pads, Filtermass and Loose Fibre Filtering Asbestos celebrated its 35th Anniversary. In August ground breaking ceremonies were held for the international harnessing for power purposes of the mighty St. Lawrence River. This project is part of a great international undertaking, the development of the St. Lawrence Seaway, which will open the Great Lakes to ocean going ships. At the end of September Mr. E. Baliol Scott retired from the Editorship of The Mining Journal (London) after more than 53 years in the chair.

Many of the companies opened new plants or expanded other buildings such as, Keasbey & Mattison opened a new plant at Santa Clara, California. The Ruberoid Co. built a combination office and warehouse in Joliet,

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JAPAN .....S. SAITO & COMPANY, 7th Floor, Marunouchi Building, TOKYO

BELGIUM .....JOS IDE & FILS, 23, rue Mareyde, BRUSSELS (Woluwe St. Pierre)

GERMANY .....ERNST WERNER, Import von Rohasbest, Katharinenstrasse 30, "Edmundhaus," HAMBURG 11,

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Illinois; The Cape Asbestos Company Ltd. opened a new rock wool factory at Stirling; the world's largest laboratory devoted to research and development of asbestos brake linings and other friction materials was opened at Manville, N. J. by Johns-Manville; J-M also opened the largest asbestos mill in the world at Asbestos, Quebec; also a new central mill in Southern Rhodesia which put two African mines into production; and Johnson's Asbestos Company opened a new plant at Megantic Mine, taking two and one-half years to build.

There were a number of changes in personnel; lesser executives were given more responsible positions, new executives were appointed and, unfortunately some executives were lost by death, among whom we should mention the following: Bror Dahlberg, founder of the Celotex Corporation; Anna S. Rossiter, long time editor of "ASBESTOS"; and C. Dudley Armstrong, a Director and former Vice President and Secretary of the Armstrong Cork Company.

As to new products, a prefabricated Canal and Pond Liner should be mentioned; Ceramo, a new deep hued ceramic surfaced asbestos-siding; a new material of high-quality asbestos inter-leaved with aluminum and cemented together with thermosetting resin to be used to make gaskets, exhaust manifolds and exhaust flanges for the motor trade; Albaseal, a new sealing compound for sealing joints and other openings; Caposite asbestos preformed insulation; Palmetto O-Ring Packing for static and dynamic applications; American Thatch, an asbestos-cement roof shingle; Seal-O-Matic, a new wind-resistant asphalt shingle which seals itself down; Lok-Tab, an interlocking, asphalt strip shingle which gives rooftops complete security; Super'Bestos, a new asbestos-cement building board; and "Wildcat" a new Johns-Manville rod packing developed especially for oil field slush pumps.

Of the number of publications issued we should mention, "Asbestos in Ontario", a booklet published by the Ontario Department of Mines giving an up-to-date picture of the asbestos mining industry in the province—"Some Unsolved Problems", a compilation by ASTM's Administrative Committee on Research, intended to stimu-

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ASBESTOS "Shorts" and "Floats"

increase coverage, prevent cracking

WHEN used as extenders in texture paints and adhesives, these Johns-Manville asbestos fibres—because of their fineness, fibrous structure, and mineral nature—offer greater product benefits than other types of fillers. Thicker consistencies are obtained without shrinking or cracking while drying.

To other products, asbestos "shorts" and "floats" bring such improvements as greater strength and durability . . . increased resistance to heat, abrasion, impact . . . better viscosity control, reduced settling . . . and in plastics, faster moulding with less distortion in drying.

If you would like to know more about the various uses, properties and classifications of these versatile forms of asbestos, write to the address below for Brochure AFD-4A.

JM

Asbestos Fibre Division
Canadian Johns-Manville Limited
970 Sun Life Bldg. (Telephone: UN-6-9701) Montreal, P. Q., Canada

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late studies of those properties of materials concerning which information is needed—A very comprehensive booklet entitled "Gaskets" was published by POWER, which contained information on the manufacture and use of gaskets—The Department of Mines, Salisbury, Southern Rhodesia issued a bulletin, "The Problems of Dust in Asbestos Preparation"—"How Flange Surface Finishes Affect Gasket Sealability and Joint Performance" is one of a series of illustrated technical bulletins issued by Johns-Manville—"Celite Catalyst Carriers" is the title of a folder issued by Johns-Manville, describing the advantages of Celite diatomite catalyst carriers such uniformity, microporosity, low density, thermal stability and great surface area—a brochure entitled, "Ramset—New and Unusual Applications" discusses in limited detail new uses of this unique magnesia ramming mix, designed for original bottom construction and maintenance of open hearth and electric steel producing furnaces, issued by Basic Refractories, Inc.

So reads the record! On December 31st we will turn to a new, clean white page. What will be written thereon no one can definitely say, but we hope that whatever it is can be summed up in one word—PROGRESS.

Philadelphia, Pa., in the heart of the booming Delaware Valley, will be host to the members of America's fastest growing profession and industry when 30,000, including 3,000 members of the American Society of Heating and Ventilating Engineers, gather for the 61st Annual Meeting in the City of Brotherly Love, January 24-27, 1955.

The 12th International Heating, Ventilating and Air Conditioning Exposition will be held in conjunction with the 61st Annual Meeting at the Commercial Museum with nearly 400 exhibitors taking part.

Further information regarding the meeting can be obtained from Society Headquarters at 62 Worth Street, New York 13, N. Y.

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THE COMMERCIAL VALUE of SOUTH AFRICAN ASBESTOS

(This is the second part of the article by W. E. Sinclair. M.I.M.M., Consulting Engineer). The first part appeared in our November 1954 issue.

The comparative value of the heat-resisting qualities of the three varieties of asbestos has been determined in terms of the loss in weight in each case, when they are subjected to high temperatures. In chrysotile between 550 degrees and 600 degrees C. all water of crystallization is driven off and the asbestos becomes decomposed. Except that crocidolite fuses at temperatures over 1,500 F. the loss in weight of this fibre, as well as amosite, is infinitesimal as compared with chrysotile.

The ability of the amphiboles to withstand high temperatures enhances their value as special insulating products for special purposes in high temperature plants where most other insulating materials break down rapidly under super-heat.

In these special applications amosite enjoys the advantage of extreme flexibility, resiliency and fibre length which enables it to stand up to excessive vibration notwithstanding its light weight. This is 9½ lb. per cu. ft., which is just half that of chrysotile.

The superior efficiency of Cape Blue asbestos under working conditions is indicated in Table V, where the saving in heat expended is nearly double that of other asbestos, and, by contrast, the heat lost when Blue fibre is used in mattresses is a little more than half of other varieties.

Table V

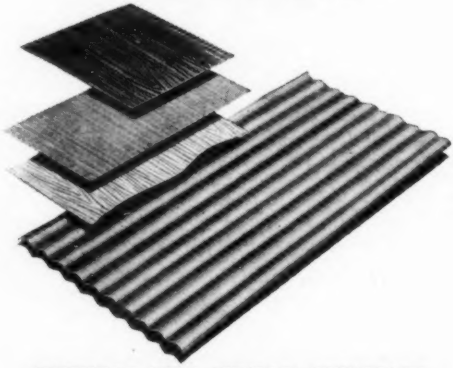
Heat Resistance of Crocidolite

	Blue Asbestos Mattress (1½" thick)	Other Asbestos Mattress (1½" thick)
Efficiency Heat expended in B.T.U. to heat vessel from 68 degrees F. under equal conditions	550 B.T.U.	958 B.T.U.

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Gold Bond

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Heat loss in B.T.U. per sq. foot per hour at 150 lb. press. under equal conditions	110 B.T.U.	178 B.T.U.

The value of crocidolite in acid resistant applications is unsurpassed, a factor that makes its substitution difficult, although harsh chrysotile fibre is said to have been used to replace crocidolite in certain fields of utilization.

A general picture of the comparative physical qualities of the three South African varieties, under review, is outlined in Table VI. In this schedule, the specialized qualities of the amphiboles are immediately discernible.

Table VI

Comparative Physical Qualities of Chrysotile, Crocidolite and Amosite Asbestos

Fibrous Characteristics	Chrysotile	Amosite	Crocidolite
Flexibility	High	Good	Good
Filtration Property	Slow	Fast	Fast
Fusibility	6	6	3
Hardness	2.5—4.0	5.5—6	4.0
Magnetite Content	0—5.2	0	3.0—5.9
Resistance to Acids & Alkalies	Poor	Good	Good
Resistance to Heat	Good, but brittle at high temps.	Good, but brittle at high temps.	Poor Fuses
Relative Electrical Conductance	1.82	1.34	0.84
Specific Gravity	2.4—2.6	3.1—3.2	3.2—3.3
Spumability	Very good	Fair	Fair
Tensile Strength in lb. per sq. in.	80,000 190,000	16,000 90,000	100,000 300,000
Texture	Fine & silky	Harsh to coarse	Rough to harsh

No matter where asbestos comes from, the quality and the effectiveness of the different varieties to give maximum efficiency in its application must be proved by stringent chemical and physical tests. It is only by certain tests that the efficacy of any asbestos to stand up to electrical insulation can be determined. Similarly, it is by other tests that manufacturers are able to decide on the asbestos best suited for special fabrication accord-

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Mundet Cork Corporation

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BALTIMORE 30 100 S. Charles St.	**HOUSTON 1** Commerce and Palmer Sts.	**LOS ANGELES (Maywood):** 6116 Walker Ave	**SAN FRANCISCO 7** 440 Brannan St.
CINCINNATI 2 427 West 4th St.	**INDIANAPOLIS 4** 15 E. Washington St.	**NEW ORLEANS 16** 315-25 N. Front St.	**ST. LOUIS 9** 3176 Brannon Ave.
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In Canada:
Mundet Cork & Insulation, Ltd., 35 Booth Ave., Toronto

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ing to say the thermal conductivity, the power of resistance to chemicals and other physical and mechanical properties.

In this way specialized uses for the local varieties of asbestos has resulted in a growing sphere of utilization in this country. In the last ten years the manufacture of asbestos products has grown considerably. The consumption of the different varieties locally, in the past four years, is shown in the following table (Table VII).

Tonnage & Value of Different Varieties of Asbestos Used in Local Manufacturers

Variety	1950		1951	
	Short Tons	Value £	Short Tons	Value £
Amosite	2,937	5,196	6,490	149,437
Chrysotile	1,120	34,626	2,436	103,036
Cape Blue	1,121	49,979	1,641	78,996
Transvaal Blue	292	11,805	925	60,888
Total	5,470	101,606	11,492	392,357
	1952		1953	
Amosite	8,660	203,847	4,506	120,274
Chrysotile	4,365	259,908	3,252	167,036
Cape Blue	2,425	145,498	1,510	119,723
Transvaal Blue	1,570	100,693	2,482	191,823
Total	17,020	709,946	11,750	598,856

The setback in the industry in 1953 (already referred to) is no longer apparent as the position has now improved according to figures so far available for 1954. Local consumption at the best is not more than 15% of the total asbestos production which is now over 100,000 tons annually. This points to the firmness of the overseas demand for South African Asbestos.

Chrysotile finds a place in all the different fields of utilization common to this class of asbestos. In general the long fibre grades are eminently suitable for textiles and packing, etc., while the shorter grades serve as a constituent in some asbestos-cement products and in paper and millboard manufacturing and in various insulating uses including electrical products.

Crocidolite leads the field in the asbestos-cement industry. Amosite is also used for this purpose either alone or blended with other fibres to give length and

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strength to the mix. Also, like crocidolite, it imparts that harshness of the fibres which is an advantage in the wet mix process. It is an interesting point too, that complete fiberization of the asbestos is a distinct advantage in ensuring the essential contact of all surfaces of the fibres with the cement.

Although the asbestos-cement industry forms a considerable part of the local manufacturing concerns, the fabricating of asbestos-cement pressure pipes is mostly carried out overseas.

In this process (using mainly "Blue" asbestos) pipes are made that can be cut to any length, tapped or threaded in the same manner as iron pipes, even though its weight, for the same carrying capacity is 50% less than cast iron piping. In addition the piping is not subject to rust or corrosion from acids, electrolysis or the effects of sea water, and, therefore, is satisfactory for conveying brine, chemical solutions and, of course, hot and cold water. It can also be used for flues or exhaust stacks, and can withstand pressures of liquids or gases varying from 50 to 250 lbs. per square inch.

Crocidolite is indispensable in a hundred ways in the chemical industry. For acid filtration long "Blue" fibres are specially favored for both acid and gas filters. Amosite is sometimes used in the chemical industry and especially where acid scrubbers and containers must be lagged.

The most important specialized field of these amphiboles is in the many forms of insulation where their unique qualities are fully utilized in the conservation of heat in steam plant, piping and other applications where the material used must stand high temperatures and possible exposure to steam or salt water. Here amosite lagging excells in felted form for the insulation of marine turbines where also the lightness of the bulk nature of these products prevents packing when the material is subjected to vibration.

Special all-asbestos insulation products, known as mattresses are generally made entirely of chemically pure "Blue" asbestos. Slabs and pipe sections are also outstanding amosite and "Blue" products in the field of

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ASBESTOS

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MONTREAL, QUE.:	ATLAS ASBESTOS CO., LTD., 5600 Hochelaga St.
TORONTO 1, ONT.:	CANADIAN ASBESTOS ONTARIO LTD., 27 Front St., East

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special insulation and especially in maintaining high efficiency standards even when in direct contact with surfaces of 1,000 F.

It would be beyond the scope of this article to give a complete record of the multifarious uses of the amphiboles amosite and crocidolite. The few examples quoted are indicative and suggestive of some of the specialized uses that make these fibres indispensable to industry. Asbestos, generally, is closely linked to almost all branches of industry, to-day, and the local product is obviously sensitive to advance outside its own orbit and, as a result, the export market of South African asbestos is steadily increasing and will undoubtedly expand to keep pace with general expansion throughout the world.

NEW REPORTING SERVICE

A broader, more efficient business reporting service for world traders will be inaugurated shortly by the Bureau of Foreign Commerce.

Beginning December 1st, BFC will issue basic business, economic, and statistical reports on foreign countries in a new publication series—to be called the WORLD TRADE INFORMATION SERVICE.

To meet the varying needs of world traders—whose interests range from investment or economic developments abroad to practical data on doing business in a particular foreign country—BFC will issue the reports in four convenient "packages": Economic Reports, $6 a year; Operations Reports, $6 a year; Statistical Reports, $6 a year, and Utilities Abroad, $3 a year. Send check or money order to Superintendent of Documents, U. S. Government Printing Office, Washington 25, D.C.

The WORLD TRADE INFORMATION SERVICE will replace the World Trade Series and the International Trade Statistics Series which BFC has been issuing as part of the Business Information Service. Although the changeover will be worked out gradually, the first steps in launching the new reporting system have been taken.

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ASPHALT AND ASBESTOS BUILDING MATERIALS

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MINING JOURNAL EDITOR RETIRES AFTER 53 YEARS

At the end of September Mr. E. Baliol Scott retired from the Editorship of The Mining Journal (London) after more than 53 years in the chair. This must be quite one of the longest editorships in contemporary journalism and is in keeping with the tradition of long service associated with The Mining Journal, which in all its 119 years of publication has had only seven editors. Although relinquishing the editorship Mr. Scott will still retain the chairmanship of the company, over whose fortunes he has so long presided, and his advice and experience will continue to be at the disposal of the editorial staff.

Mr. Edward Baliol Scott, Editor of The Mining Journal since 1901, was born in Sydney, N.S.W., on June 17, 1873. He was educated first at Geelong Grammer School and then, after coming to England in 1886, at Bath College and University College, Oxford, where he took an honours degree in Greats. He was called to the Bar in 1897, and joined the Oxford Circuit, practising until the increasing demands made on his time by The Mining Journal, in which his family already had an interest, obliged him to discontinue legal work. His legal background gave him a particular interest in mining law, and he has written extensively on safety and health conditions affecting mines throughout the world. He developed The Mining Journal service of special correspondents in the principal mining fields of the world, and in recent years has travelled widely to study changes in the mining fields consequent on the late war, with particular reference to the post-war prospects for British mining machinery. He has long been a recognized authority on mining economics.

Following Mr. E. Baliol Scott's retirement, Mr. Ursel Baliol Scott and Mr. R. Bruce Dunfield have been appointed Joint Editors.

GOOD WILL is the one and only asset that competition cannot undersell or destroy.

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* *Nylon Has Proved Itself Essential in Asbestos Cement Felts*

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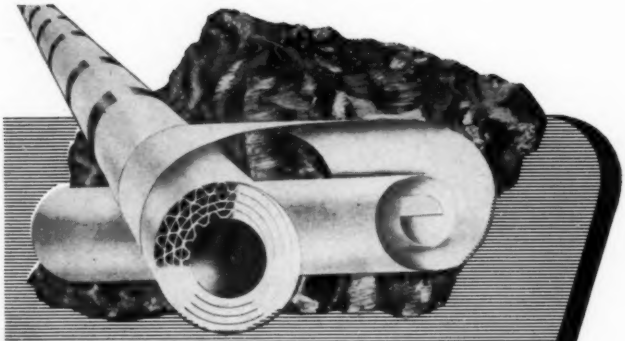
AUSTRALIAN ASBESTOS

The Tariff Board enquiry on asbestos was held in Sydney and Melbourne during June. The principal producer—Australian Blue Asbestos Ltd.—stated a case for the imposition of a 40% duty on imported asbestos equivalent in length to Canadian groups 1 to 5, the duty to be remitted on fibre entered for use in manufacturing articles the total asbestos content of which is not less than 15% by weight of Australian crocidolite. The company asserts that this form of protection would induce manufacturers to use about 4,000 short tons of blue fibre per year, and that this assured local market would allow the company to expand production to about 8,000 short tons per year. The consequent reduction in costs would enable the company to reduce prices to a competitive level, and it was claimed that the balance of the production could be sold for export. At present rate of production (approximately 4,500 short tons per year) the prices are too high by world standards, and about half the output is unsold. Stocks are accumulating, and at the time of the enquiry were stated to exceed 3,000 tons valued at £350,000. With this large amount of money tied up the company has announced that operations at Wittenoom must cease unless some form of assistance is forthcoming.

Opposition to the application was based on the contention that use of Australian crocidolite is uneconomic, even if the price is reduced to the degree anticipated by the applicant company. The principal consumers pointed out that they would be forced to use blue fibre at a landed cost of £138 per short ton (current prices) to replace South African amosite landed at about £55 per ton—an increase of £83 per ton. This assertion was countered by the claim that crocidolite would replace chrysotile currently landed at about £102 per ton, and that the increase in raw material cost woud be in the region of £35 per ton instead of £83. With the f.o.b. price of grade 3 W.A. crocidolite reduced to £110 per short ton, as forecast by the producers, the cost differential would be approximately £16 per ton.

The enquiry has emphasized the precarious economic

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HEAT & COLD INSULATIONS

NORRISTOWN
MAGNESIA & ASBESTOS CO.

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condition of the blue asbestos industry in Australia. The remote location of the deposits and the need to establish an entirely new and self contained town has made the total capital expenditure by the company and Governments abnormally high. All operating costs—labor, materials, freight, etc.—are also very high, with the result that the price of the asbestos has to be considerably above world parity to cover actual cost of production, without providing for amortization of capital, normal profits and reserves. The outcome of the application for assistance will therefore have a vital effect on the future of the industry.

(Reprinted from Quarterly Review, Part 1, Vol. 7, No. 1, issued by the Australian Bureau of Mineral Resources.)

HOTEL "DRAPES" ARE WAVY SHEETS OF ASBESTOS-CEMENT

Among modern building materials which are finding broader uses in institutional structures is corrugated asbestos-cement, a mineral composition sheet with a unique combination of qualities, the magazine Institutions reports.

Its fire-safety, permanence, strength and ease of maintenance years ago led to the acceptance of asbestos-cement as exterior siding and roofing. More recently it has established itself also as a construction material for interior walls, ceilings and partitions, and for various decorative uses.

As one of its decorative uses, the article cited an application in the Deshler-Wallick hotel, Columbus, Ohio in which the sheets were placed vertically on either side of hall windows. Covered with plastic sheeting, they simulate draperies. Unlike ordinary draperies, however, these are fireproof and can be cleaned with a damp cloth.

BRAKE SETS FOR ALL—Raybestos PG sets for all passenger cars and light trucks are available rivetted or bonded. They are manufactured by Raybestos Division of Raybestos-Manhattan, Inc., Bridgeport, Conn.

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THE CENSUS OF MANUFACTURES

Early in 1955, the Census Bureau will conduct the Censuses of Business, Manufactures and Mineral Industries. These censuses will provide facts about manufacturing; mineral industries; retail and wholesale trade; and selected services, including personal, business and repair services, hotels, and tourist courts; amusement places, and the motion picture industry. The legislation providing for these censuses, which will cover business operations for the year 1954, is Public Law 411 of the 83rd Congress, June 18, 1954, enacted to synchronize the collection of business statistics at 5-year intervals in lieu of older laws which did not coordinate the timing of the national business and industrial canvasses.

While the Census Bureau is charged with collecting the data required in the Censuses of Industry and Trade, a good job cannot be done without the cooperation of all business men who are called upon to report the facts about their businesses. The value of the censuses depends largely upon prompt and accurate reporting by business, and speedy compilation and publication of the results by the Census Bureau. Business men will be asked to file their reports within 30 days after they receive their reporting form. A message from the Secretary of Commerce which will accompany the reporting form points out that the Census Bureau is dependent upon speedy and accurate reports by business men to enable it to carry out its program for earliest publication of the statistical information to be based on their reports. Thus the Census Bureau and American business men jointly share the responsibility for making available to the Nation-at-large timely statistical data on business activity.

Ceramatex, a protective coating for asbestos siding is being offered by Ceramatex Mfg. Corp., 106 S. 22nd St., Birmingham, Ala. Applied like paint, Ceramatex is said to penetrate deep into the shingle pores and leave a glazed, china-dish surface which is impervious to water and dirt.

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Season's Greetings

to all our friends in the Asbestos industry

SALL MOUNTAIN COMPANY

HAMILTON, OHIO

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BUILDING

Future rates of construction activity have acquired another month of assurance, through F. W. Dodge Corporation's announcement of its October figures.

The October total of Dodge Reports of contract awards for future construction in the 37 states east of the Rockies was the third highest monthly total in Dodge history.

It was the highest monthly total in its normal categories of construction omitting enormous atomic energy projects that sent the totals of May 1951 and September 1952 to heights that are hard to beat.

It set the highest total ever in the residential classification.

It set a new high for any first ten months. It brought near certainty that November alone will make 1954 the biggest year in history in both the factual Dodge figures and in the broader government estimates of work already done.

A big percentage of the projects reported in October for future construction will be pouring out payrolls all through the holiday shopping season, and will continue well into the new year.

The October total construction figure was $1,965,339,000, up 8 per cent over September and 4 per cent above October 1953.

The ten-month total was $16,442,520,000, up 11 per cent over ten months 1953.

CELITE CATALYST CARRIERS—is the title of a new 4-page folder just issued by Johns-Manville. It concisely describes the advantages of Celite diatomite catalyst carriers such as uniformity, microporosity, low density, thermal stability and great surface area. Designed primarily for research chemists and chemical engineers who specify materials for catalyst support throughout the process industries, copies of this folder are now available from Johns-Manville, 22 E. 40th St., New York 16, N. Y.

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Starting in January, Johns-Manville will co-sponsor the well-known half hour Sunday television program "Meet the Press".

According to H. M. Shackelford, Vice-President in charge of Sales Promotion and Advertising, Johns-Manville Sales Corporation, twenty-six stations of the National Broadcasting Company coast to coast will carry the program.

The listening audience is now estimated at 4 million per broadcast and surveys show an average of 90 per cent are adults. This makes the program well suited for presenting the varied Johns-Manville building materials and industrial products.

The Carey research laboratories have consistently brought new developments to their line of building materials and industrial products during 1954. One outstanding development is the new fire-resistant vapor barrier for industrial roofs.

FOR SALE

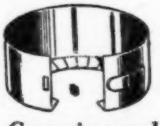
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MARKET CONDITIONS

GENERAL BUSINESS.

General business has improved rapidly over the past month and it would appear that the recovery is now well under way in practically all sectors of the economy. Steel production is rapidly increasing although some eastern mills are lagging behind the industry averages. Corporate profits are showing improvement and the stock market, since the elections, has had an almost uninterrupted rise, reaching new high levels during the last days of November. Consumer goods are selling better and department store sales took a sharp jump immediately following Thanksgiving. The current situation is, without doubt, the best seen during 1954 and prophets are already predicting all time highs in business activity for the coming year.

ASBESTOS—RAW MATERIAL.

After very extensive survey and visits to the Far and Middle East and Europe, members of the Industry report that the outlook for 1955 looks very good from a fibre use standpoint.

It is probably not too early to predict that the U. S. demand for the coming year will equal or slightly exceed the 1954 figure.

At the present time asbestos production is at its high point for the year but should taper off somewhat during the winter months.

ASBESTOS—MANUFACTURED GOODS.

Asbestos Textiles. The market appears to have improved slightly. Asbestos cloth demand has increased but very little improvement has been experienced in other textiles such as Asbestos Tapes, Wick, Rope, etc.

Asbestos Brake Lining. Replacement market is off due to inventory taking and equipment sales are sharply up for new model buying. All signs point to a record year both in replacement and equipment sales.

Asbestos Paper. At present the market remains steady

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for asbestos paper with orders running about the same as this time last year. The demand for *Millboard* has fallen off considerably and sales during the past month are lower than they have been for some time. The demand for *Saturated Paper* is now less than production and is expected to fall off in the next two or three months due to weather conditions.

Insulation. High Pressure. The large amount of construction contracts recently let is misleading in that it is made up of a much greater proportion of Commercial to Industrial work. Since Industrial represents a much greater potential for High Pressure, the total potential is less than last year. The bidding for new work is as competitive as ever.

Insulation. Low Pressure. The demand for low pressure insulation materials continues high and might even be higher as contractors are trying to complete projects already started before bad weather sets in.

Asbestos Cement Products. This market is holding its own, but a seasonal decline is expected.

November order replacements to date for roofing and siding are very good considering season of the year.

The demand for corrugated and flat is now less than production and is expected to fall off due to weather conditions.

The Pressure and Sewer Pipe markets continue high, but a drop in demand for all types of pipe is expected with the approach of winter. House pipes and conduits' sales are still good.

Asphalt Tile. At present, it appears that total industry sales of Asphalt and Vinyl Asbestos Tile will equal or perhaps slightly exceed 1953 sales of approximately 800 million square feet.

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

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AUTOMOBILE SALES

	October 1954
Passenger Cars	221,195
Motor Trucks	65,965
Motor Coaches	385
	287,557

In October 1953, a total of 621,288 motor vehicles were sold. In the ten months of 1954 the total was 5,246,854.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

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"DISASTER"

A guide on setting up a disaster control activity is found in a booklet now available. Cover is designed to gain immediate reader interest, with the title "DISASTER" blaring across the top of the page against a backdrop of smoke from a plant fire. Although the bulletin is basically a catalog of company products for coping with fire, tornado, explosion, hurricane and flood, enough helpful information is included to make this booklet a valuable reference to those in charge of organizing groups which will function in some emergency. Protection for the rescue, engineering and medical services is given full attention. A check-chart is presented for quick evaluation of equipment of disaster-control teams. Send for copy to Mine Safety Appliance Co., Dept. IL, 201 N. Braddock Ave., Pittsburgh 8, Pa.

One of our subscribers, a Commerce and Technology Library, requires a copy of June 1947 "ASBESTOS. If any of our readers has an extra copy of this number for sale, address "ASBESTOS", 807 Western Saving Fund Bldg., Philadelphia 7, Pa.

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Canada

(Department of Mines, Province of Quebec)

Tons 2000 lbs.

Production for September 1954	87,298 tons
Compared with September 1953	75,845 tons

Dominion production for September 1954 is 90,834 tons, a difference of 3,536 tons, from the Quebec figure.

Africa (Swaziland)

Production for April 1954	2,239 tons
Production for May 1954	1,916 tons
Production for June 1954	2,440 tons
Production for July 1954	2,198 tons
Production for August 1954	2,116 tons
Production for September 1954	2,631 tons

Finland—In 1953 the production of asbestos totaled 6,700 metric tons, compared with 6,100 tons in 1952. About 40 percent of the output was exported either as ground asbestos or in the form of asbestos board. Asbestos is mined in Finland by Suomen Mineraali Oy at Paakkila and Maljasalmi. Both mines yield anthophyllite asbestos. No chrysotile asbestos is produced in Finland. (Reprinted from Mineral Trade Notes, August 1954.)

AMERICAN BRAKE SHOE

The American Brake Shoe Company has announced the election of *Victor L. Persbacker* as comptroller and *Rush M. Forquer, Jr.* and *Wendell P. Kessler* as assistant comptrollers. Mr. Persbacker succeeds *Edward C. Hof* who is retiring after 51 years service with the company.

Mr. Hof joined the company in 1903 as office boy and rose to comptroller. He started in St. Louis at the age of 13 and held various positions in the Southern Wheel subsidiary, including accountant, assistant secretary, assistant treasurer and with the parent company as assistant comptroller. He was appointed comptroller in 1934.

Mr. Persbacker, formerly auditor and assistant comptroller, started with Brake Shoe in 1934. He was made an accountant in 1941 and elected assistant comptroller in 1945. In 1948 he was appointed auditor.

Mr. Forquer, formerly tax accountant, joined Brake Shoe in 1949. He became an accountant in 1950 and was appointed tax accountant in 1953.

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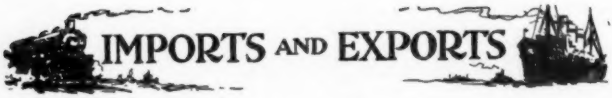
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Imports into U.S.A.

(Figures by Bureau of Census)

Unmanufactured Asbestos—By Countries:

	July 1954 Tons (2240 lbs.)
From Canada	40,466
Union of S. Africa	1,990
Australia	161
Rhodesia	431
So. B. Africa	72
Other Countries	56
	43,176
Valued at	$3,566,703

By Grades:

Crude No. 2, Chrysotile	10
Crude, Other, Chrysotile, U. of S. Africa	198
Crude, Other, Chrysotile, Rhodesia	400
Crude, Other, Chrysotile, So. B. Africa	72
Crude, Blue, Australia	161
Crude, Blue, U. of S. Africa	976
Crude, Blue, Other Countries	45
Crude, Amosite, Union of S. Africa	816
Textile Fibres, Chrysotile, Canada	758
Textile Fibres, Chrysotile, Other Countries	1
Shingle Fibres, Chrysotile, Canada	3,025
Paper Fibres, Chrysotile, Canada	3,626
Other Fibres, Chrysotile, Canada	33,057
Other Fibres, Chrysotile, Rhodesia	31
	43,176

Manufactured Asbestos Goods:

	July 1954 Quantity (lbs.)	Value
Asbestos Yarn, United Kingdom	45,878	$ 48,213
Asbestos Packing & Lining, Canada	18,555	16,790
Asbestos Packing & Lining, Other Countries	10,216.	3,143
Asbestos Shingles (Impreg.)	52,301	5,770
Asbestos Shingles		

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- **ADJUSTABLE—to the accepted range of ASBESTOS Bale Sizes.**
- **AUTOMATIC—can be furnished with or without tucking device.**
- **NEW—engineered with the most advanced electrical and mechanical features available.**
- **STURDY—built for efficient-trouble-free performance to give long years of continuous service—finest workmanship and materials.**
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(Not Impreg.) Canada	1,318,443	82,151
Asbestos Manufactures—Others	...	434
	1,445,393	$156,501

In our September issue, page 34, Imports into U.S.A., we listed by grades, "Textile Fibres, Chrysotile, Australia—89 tons". We have been advised by the Bureau of Census that an investigation revealed the merchandise was misclassed, and should have been reported under "Crude, Blue, Australia".

Exports from U.S.A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	August 1954 Tons (2240 lbs.)	Value
To: Europe	86	$ 6,408
Other Countries	10	5,200
	96	$11,608

Manufactured Asbestos Goods:

		August 1954 Quantity	Value
Asbestos Pipe Cov. & Cement	Lbs.	554,203	$ 91,818
Asbestos Textiles & Yarn	Lbs.	25,755	30,882
Asbestos Packing	Lbs.	173,271	137,517
Asbestos Clutch Facings	No.	59,435	43,291
Asbestos Bk. Lng. (Mld.&S.Mld.)	Ft.	112,787	46,258
Asbestos Bk. Lng. (Woven)	Lin. Ft.	23,189	26,489
Asbestos Bk. Lng. (Inc. sets)	Lbs.	236,110	223,202
Asbestos Construction Materials	Lbs.	3,798,552	337,771
Asbestos Manufactures—Others		....	30,078
			$967,306

"Ramset", a new, illustrated booklet is now available from Basic Refractories, Inc., a leading producer of granular basic refractories.

The brochure entitled, "Ramset—New and Unusual Applications" discusses in limited detail new uses of this unique magnesia ramming mix, designed for original bottom construction and maintenance of open hearth and electric steel producing furnaces. Write, Basic Refractories, Inc., 845 Hanna Bldg., Cleveland 15, Ohio.

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THERMAL INSULATION SOCIETY
Philadelphia Chapter

The first meeting of the Philadelphia Chapter, held in September, was made up of a panel discussion of various types of insulating materials. At the October meeting, *Mr. A. Sawyer* of Carrier Corporation spoke on Air Conditioning and thermal insulations concerned therewith. The program for the November meeting consisted of an insulation consumers panel with *J. W. Hunter* of Mundet Cork as moderator, *George Baxter* of the Texas Company, *Harry Ritterson* of the Ritterson Corporation, *Robert Kline* of the Benjamin Foster Company and *Harold N. Davis* of the Harold N. Davis Company as panel members.

The December 8th meeting held at the Franklin Institute had *J. M. High* of Mundet Cork Corporation as its speaker and his subject was, "choosing the economical thicknesses of insulation and heat loss calculations".

A joint meeting with the ASME will be held in January at the Engineers Club in Philadelphia. The discussion for that evening will be Insulation in Power Plant.

Following is a list of officers for the 1954-55 year: President, *J. W. Hunter*, Mundet Cork Corporation; Vice President, *Lee Covey*, Achenbach & Butler; Secretary, *C. B. Weiler*, Earl Paint Corporation; Treasurer, *W. A. Michalski*, Rohm & Haas. Executive Committee: *J. T. Evans*, G. & W. H. Corson, Inc.; *R. C. Shook*, New York Shipbuilding Corp.; *J. E. LeCoff*, Catalytic Construction and *T. H. Payne*, G. & W. H. Corson, Inc.

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Exports From Canada

(Published by Dominion Bureau of Statistics)

Unmanufactured Asbestos:

	September 1954 Tons (2000 lbs.)	Value
Crude		
United States	10	$ 7,838
United Kingdom	5	6,325
South America	....	....
Central America & Mexico	....	....
European Countries	13	9,670
Other Countries	14	9,620
	42	$ 33,453
Milled		
United States	14,851	$2,416,248
United Kingdom	3,150	718,578
South America	1,767	298,278
Central America & Mexico	380	57,460
European Countries	5,206	975,743
Other Countries	4,784	760,495
	30,138	$5,226,802
Shorts		
United States	45,202	$2,080,821
United Kingdom	3,340	135,346
South America	505	27,538
Central America & Mexico	215	10,482
European Countries	3,498	229,077
Other Countries	706	49,642
	53,466	$2,532,906
Grand Total—Unmanufactured Asbestos	83,646	$7,793,161
Manufactured Asbestos Goods:		
Brake Lining		$ 31,555
Packing		....
Other Materials		139,931
		$ 171,486

The National Safety Council, 425 N. Michigan Ave., Chicago, Ill., has published a book entitled, "Safety Devices and Ideas", describing and illustrating over 90 devices which have been tried and found effective in plant use. It is available at a cost of $1.25 to Council members and $2.50 to others, from the above address.

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Cans are now being used to package nails. Originator of this novel idea is the Nichols Wire & Aluminum Co., Davenport, Iowa.

Several years ago the Nichols organization came out with an idea just as novel—nails packaged with just the right number, gauge and weight for the particular material being fastened. For instance, instead of packaging nails by the pound for asbestos-siding, containers were designed to hold the specific number of nails per square of siding. This was the first time that nails had been sold by count and coverage rather than by the pound.

The National Association of Home Builders has announced its 11th Annual Convention and Exposition will be held in Chicago, January 16 to 20.

Upwards of 18,000 persons are expected to attend the industry-wide meeting. Carefully planned sessions will afford builders an opportunity for intensive study of up-to-the-minute technical developments, sales and merchandising methods and mortgage financing.

ASBESTOS TEXTILES

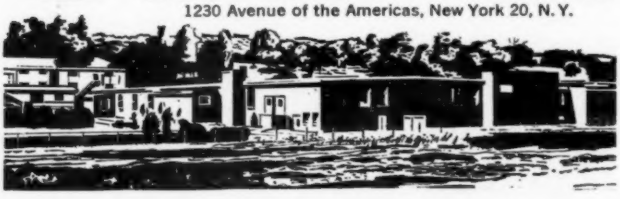
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are manufactured in our own modern plant at Stark Mills, Hogansville, Ga. Spinning and weaving operations are closely controlled for maximum uniformity in asbestos yarns, fabrics and tapes. Specialties developed to meet customers' requirements.

Write: Asbeston® Dept., Textile Division

UNITED STATES RUBBER COMPANY

1230 Avenue of the Americas, New York 20, N.Y.



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NEWS OF THE INDUSTRY

HAPPY BIRTHDAY

Victor H. Barr, Secretary-Treasurer, MacArthur Co., St. Paul, Minn., December 16.

Alvin Brown, Vice-President for Finance, Johns-Manville Corporation, New York City, December 17.

M. Paul Doud, President, Doud Insulation Co., Philadelphia, Pa., December 17.

George J. Pecaro, General Manager, Pioneer Division, The Flintkote Co., Los Angeles, Calif., December 20.

Harry C. Redstone, Secretary, Asbestos Distributors, Inc., Port Chester, N. Y., December 20.

Edwin E. Hokin, President & Chief Executive, Union Asbestos & Rubber Co., Chicago, Ill., December 21.

Geo. N. Clark, Clark Asbestos Co., Cleveland, Ohio, December 22.

R. L. Clark, Manager, Clark Asbestos Co., Cleveland, Ohio, December 22.

Wm. Nanfeldt, Vice President, World Bestos Corporation, New Castle, Ind., December 22.

Al Kevelson, Ace Asbestos Mfg. Company, Jersey City, N. J., December 24.

Jacob P. Epstein, President, Empire Asbestos Products Inc., Glendale, L. I., December 25.

Amor P. Smith, Vice President & Secretary, Russell Mfg. Company, Middletown, Conn., December 25.

Matthew J. Fitzgerald, President, Standard Asbestos Mfg. Company, Chicago, Ill., December 27.

A. G. Newton, President, Rockbestos Products Corporation, New Haven, Conn., December 28.

E. E. Tanguy, District Manager, Armstrong Cork Company, Baltimore, Md., December 28.

Fred A. Mett, President, Powhatan Mining Corporation, Baltimore, Md., December 29.

P. S. Nash, Vice President, Union Asbestos & Rubber Company, Chicago, Ill., December 31.

Robert G. Beldam, Managing Director, Beldam Asbestos Co., Ltd., Hounslow, England, January 3.

Dwight H. Ruh, General Sales Manager, Sall Mountain Company, Hamilton, Ohio, January 3.

Harold O. Weise, Vice President, Tilo Roofing Co., Stratford, Conn., January 4.

William L. Keady, President, Pabco Products Inc., San Francisco, Calif., January 5.

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ASBESTOS FIBRES

Rhodesian Chrysotile — South African Chrysotile — Cape Blue — Transvaal Blue — Montasite — Amosite — Anthophyllite

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Milled Fibres — *Hand-cobbed Fibres*

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SOUTH AFRICAN ASBESTOS EXPORTERS' ASSOCIATION.
ASBESTOS & BASE MINERAL ASSOCIATION OF SOUTHERN AFRICA.

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Rupert St. G. Riley, Director, The Cape Asbestos Company, London, England, January 6.

James B. Anchors, Vice President & General Sales Manager, Kelley Asbestos Products Co., Kansas City, Mo., January 7.

J. C. Kelleher, Sales Manager, Asbestos Fibre Division, Canadian Johns-Manville Co., Ltd., Montreal, Canada, January 10.

R. H. Chase, Manager, Pabco Products Inc., San Francisco, Calif., January 11.

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

WAGE RATE CHANGES

Wage rate changes for Asbestos workers (pipe and boiler coverers) as reported in the October number of the Asbestos Worker (published quarterly by the International Association of Heat and Frost Insulators and Asbestos Workers) are as follows:

Akron, Ohio	3.17½
Allentown, Pa.	2.90
+10c W. F.	
Amarillo, Texas	3.05
Billings, Mont.	2.95
+7-½c W. F.	
Boise, Idaho	2.65
Borger, Texas	3.05
Cedar Rapid, Iowa	2.90
Charleston, W. Va.	3.12½
+7-½c W. F.	
Cleveland, Ohio	3.25
Columbia, S. C.	2.82½
Corpus Christi, Tex.	3.05
+7-½c W. F.	
Connecticut	3.00
+7-½c W. F.	
Des Moines, Iowa	3.00
+5c W. F.	
Harlingen, Texas	3.05
+7-½c W.F.	
Kansas City, Mo.	2.90*
+7-½c W.F.	
Knoxville, Tenn.	2.92½
+7-½c W.F.	
Lake Charles, La.	3.05
+7-½c W.F.	
Laredo, Texas	3.05
+7-½c W.F.	
Long Beach, Calif. (Navy Yard)	2.30
Los Alamos, N. M. (Municipal Operations, Maintenance only	2.64
Louisville, Ky.	3.10
Miami, Florida	2.90
Minneapolis, Minn.	2.92½
+7-½c W.F.	
Nashville, Tenn.	2.85
+7-½c W.F.	
Newark, N. J.	3.50
+4% W.F.	
Norfolk Navy Yard	2.12
Orange, Texas	3.05
+7-½c W.F.	
Portland, Oregon	3.05
+10c W.F.	
Spokane, Washn.	3.00
+7-½c W.F.	
St. Louis, Mo.	3.30
+10c W.F.	
St. Paul, Minn.	2.92½
+7-½c W.F.	
Texas City, Texas (Monsanto Chem. Co. Maintenance only)	2.55
Wichita, Kansas	2.85
+7-½c W.F.	
Youngstown, Ohio	3.00
+6-½c W.F.	

*Agreement expired, negotiations pending.

W.F.—means Welfare Fund.

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PRECISION MOLDED
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INSULATION DIVISION
San Francisco 19 New York 16
Manufacturers of Heat Insulation since 1920

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NEW JOHNS-MANVILLE ASBESTOS MILL PUTS
Two African Mines Into Production

Johns-Manville formally put two more asbestos mines into commercial production on November 25th with the official opening of a new central mill that has initial capacity of 20,000 tons of fibre annually.

Mining and milling of the ore is carried on by Rhodesian Asbestos Limited under the direction of Canadian Johns-Manville Co., Limited, in association with British Metals Corporation, Ltd., Anglo-Huronian Ltd., and the Simon I. Patino interests. A. R. Fisher, President of Johns-Manville Corporation, New York, is also President of Rhodesian Asbestos Limited.

The two mines under development include the Temeraire Mine at Mashaba and the Shamala Mine, four miles away. Both are highly mechanized. Each has sunk a mine shaft about 550 feet. The new central mill, serving both, is located adjacent to the Temeraire Mine. Ore from the Shamala Mine is trucked in by 15-ton diesel trucks. The processed fibre is trucked out from Mashaba to the railroad at Fort Victoria whence it is shipped to Beira, Mozambique, for water transport to Europe and the United States.

NEW DRYCOR FIRE SYSTEM ADDS
Town Safeguard

Near-completion of a $20,000 fire protection system for the Drycor Felt Company which will give added safeguards to the Staffordville, Conn. area, was revealed recently by company officials.

Three thousand feet of 12-inch pipe is being installed for a gravity feed system from the New City Pond, along New City Road, to the Drycor plant. The outsized pipe was specified to allow future tie-in by the town water system. A 150-foot length of pipe on company property will be of eight-inch diameter.

A spokesman for the firm said a hydrant placed near the plant also will be available for the town's fire companies if needed.

The pipeline, running along the south side of the highway, is under construction. The system is expected to be completed by January 1st.

MAURICE E. COLLINS

Maurice E. Collins, Publicity and Sales Promotion Counsel, formerly connected with the L. H. Selz Organization, Chicago, has established a new agency with offices located at 77 West Washington Street, Chicago 22, Illinois.

Beginning January 1, 1955, Mr. Collins will take over the publicity for the Asbestos-Cement Products Association.

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Kuruman Cape Blue Asbestos

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Baboon Asbestos Co.
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INSULATION DISTRIBUTOR-CONTRACTORS
National Association, Inc.

The first general meeting of the National Association was held in Washington, D. C. in September 1954. At this meeting, the first order of business was to change the name of the Association from "Independent Insulating Contractors National Association" to "Insulation Distributor-Contractors National Association, Inc. It was found that the word "Independent" had different meanings, depending upon the region where used, and was therefore misleading. Consequently, "Independent" was dropped from the name of the Association, and the new name was adopted to more perfectly describe the present and potential membership. Active membership in this Association still requires that a contractor be financially independent. However, it does not require any other type of independence.

The second general meeting will be held on or about February 1, 1955, and all interested persons are invited and urged to attend. All inquiries regarding the National Association should be directed to the new address, Insulation Distributor-Contractors National Association, Inc., 3420 Dent Place, N. W., Washington 7, D. C.

N.R.C.A. CONVENTION

The 68th Annual Convention of the National Roofing Contractors Association will be held at the Netherland Plaza Hotel, Cincinnati, Ohio, on January 17th, 18th and 19th, 1955.

Although the convention is billed as a three day convention, there will be considerable activity on the Sunday preceding the convention, which will feature the Annual Meeting of the N.R.C.A. Board of Directors and a German Garden Party with all the atmosphere associated with Cincinnati's German colony. Host at the party is the Philip Carey Mfg. Company of Lockland, Cincinnati.

Monday, January 18th will find exhibits opened early for an expected attendance of 800 contractors, members and nonmembers of the national association, salesmen, jobbers and manufacturers' representatives.

MOUNTBRIDGE EXPLORATION & INVESTMENT CO. (PTY.) LTD.

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South African and Rhodesian Asbestos Fibres

ENQUIRIES WELCOME

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A.S.T.M.

Frank Y. Speight has joined the staff of the American Society for Testing Materials as Assistant Technical Secretary. He will be located at ASTM Headquarters, 1916 Race Street, Phila. 3, Pa. For the past eight years, he has been on the staff of the National Academy of Sciences, National Research Council, Advisory Board on Quartermaster Research and Development as Assistant to the Executive Director.

His duties with the ASTM will be technical and editorial in nature. Among his early assignments are the Staff contacts with Committees D-9 on Electrical Insulating Materials and D-20 on Plastics.

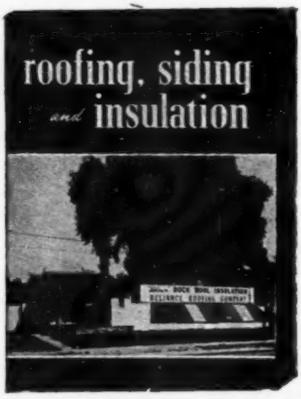
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A.S.H.V.E. CHANGES NAME

By a surprisingly heavy vote, a majority of voting members of The American Society of Heating and Ventilating Engineers emphatically expressed their approval of changing the name of the sixty-year old engineering society to American Society of Heating and Air-Conditioning Engineers, Inc.

The new name, as decided at a special meeting on November 22 in New York City has been filed with the Secretary of State of the State of New York as becoming effective November 23, 1954.

ASBESTOS MINING INDUSTRY IN CANADA—1953

A nine page pamphlet under the above title has been issued recently by the Department of Trade and Commerce, Dominion Bureau of Statistics, Ottawa, Canada.

It contains various information and statistics—number of asbestos firms, number of employees, salaries and wages, shipment by grades, tonnage of rock mined and milled, fuel and electricity used, power equipment, taxes paid by the Asbestos Mining Industry, and other data of interest.

If interested, write the above mentioned Department for Bulletin 6502-571, 4-10-54—price is 25c.

UNION ASBESTOS & RUBBER CO.

Nine Months Report

Union Asbestos & Rubber Company has issued its report for nine months ending September 30, 1954. Detailed figures follow, with comparison figures for 1952.

	1954	1953
Earned per Share	.48	.31
Net Sales	$10,897,670	$8,490,422
Income Before Federal Income Tax	495,033	309,198
Income Tax Provision	247,018	160,783
Net Profit	441,632	148,415
Number of Issued Shares (less Treasury Stock)	475,176	475,176

PLANT INSULATION COMPANY

Distributors and Contractors of Industrial Insulations for All Temperatures and Services from Sub-Zero to 3000° F.

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PITNAM TRANSVAAL BLUE ASBESTOS
Fibre (Crocidolite)

PITNAM fibre is an entirely new product of consistently superior quality, specially processed to give the maximum in value. It is sold to rigid specification and quality control standards and it is claimed it will replace fibre processed by conventional methods.

As an introductory program specially priced trial shipments are offered in units of one net ton (20/25 bags) so that users can judge for themselves the quality and economy of this product.

For a general descripton of the fibre, write Pitnam Industrial Products Company, Division of Canadian and General Development Corporation, 608 Fifth Avenue, New York 20, N. Y.

ASBESTOS STOCK QUOTATIONS

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

		November 1954		
	Par	Low	High	Last
Amer. Br. Shoe (Com)	np	30⅜	33⅜	32⅛
Amer. Br. Shoe (Pfd)	100	98	100	99
Armst. Ck. (Com)	np	85½	92⅝	92½
Armst. Ck. (Pfd)	np	99⅜	100¾	101
Armst. Ck. (Conv. Pfd)	np	169¾	184¼	184
Asb. Corp. (Com)	np	29	34	32¾
Carey (Com)	10	23¼	30¾	29¾
Cassiar Asb. Corp.	np	$5.90	$6.55	$6.40
Celotex (Com)	np	22⅜	26¾	25¾
Celotex (Pfd)	20	18⅛	18⅝	18½
Certainteed (Com)	1	20½	25¼	24⅞
Dominion Asb. Mines	1	$.15⅛	$.19	$.19
Flintkote (Com)	np	34⅝	41¾	40⅞
Flintkote (Pfd)	np	101½	103¼	103
Johns-Manville (Com)	np	75¼	91½	90
Natl. Gypsum (Com)	1	39⅝	49⅝	47¾
Natl. Gypsum (Pfd)	np	103½	105¾	104
Pabco Products (Com)	np	22½	24⅛	23½
Pabco Products (Pfd)	100	94	96	94
Ray-Man (Com)	np	43¼	47⅞	47⅞
Ruberoid (Com)	1	41	50½	50
Thermoid (Com)	1	7¼	8¼	8¼
Thermoid (Pfd)	50	42	43	43
Union Asb. & Rub. (Com)	5	8⅝	10¼	9½
United Asb. (Com)	1	$3.60	$4.00	$4.00
U. S. Gypsum (Com)	20	202	233	222
U. S. Gypsum (Pfd)	100	182	182¼	182¼
U. S. Rubber (Com)	5	35½	44⅛	44⅛
U. S. Rubber (Pfd)	100	156	162½	158

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CASSIAR ASBESTOS CORPORATION

An asbestos mine is being carved out of a mountainside at the 6,000 foot level near Cassiar B. C.

During the past summer, ore was taken from the mine at the rate of 1,500 tons a day and before winter closes the year's operation more than 40,000 tons will have been removed.

A mill with 70 tons a day capacity is located on another mountain at an elevation of 3,450 feet. Ore from the mine is bull-dozed into a steel shute nearly half a mile long, fed into ore bins, and trucked three and one-half miles to the mill.

The company now is planning a $1,000,000 aerial Tramway to avoid the three-way handling. It should be in operation by next summer.

Transport of the fibre from the mine is costly at present. It is trucked to Whitehorse, then freighted to Skagway and shipped south to Vancouver. A new 300-mile road will eventually cut costs for the Cassiar mine and tap other minerals in the isolated area.

CURRENT RANGE OF PRICE

As of December 10, 1954

Arizona—	Per Ton of 2,000 lbs., f.o.b. Globe, Arizona		
No. 1 Crude (soft)	$1,600.00	to	$1,700.00
No. 2 Crude (soft)	1,000.00	to	1,050.00
No. 3 Crude (soft)	450.00	to	500.00
Filter Fibre (soft)	250.00	to	450.00
No. 1 Crude (semi-soft)	1,200.00	to	1,500.00
No. 2 Crude (semi-soft)	900.00		
No. 3 Crude (soft)	400.00		

Canada—	Per Ton (2000 lbs.) f.o.b. Mine		
Group No. 1 (Crude No. 1)	$1,100.00	to	$1,500.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry	500.00	to	1,000.00
Group No. 3 (Spinning Fibre)	300.00	to	525.00
Group No. 4 (Shingle Fibre)	150.00	to	200.00
Group No. 5 (Paper Fibre)	100.00	to	140.00
Group No. 6 (Waste, Stucco or Plaster)			77.00
Group No. 7 (Refuse or Shorts)	35.00	to	70.00

Vermont—	Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.		
Group No. 3 (Spinning & Filtering)	$ 321.00	to	$ 348.00
Group No. 4 (Shingle Fibre)	156.00	to	173.00
Group No. 5 (Paper Fibre)	109.00	to	132.00
Group No. 6 (Waste, Stucco or Plaster)			77.00
Group No. 7 (Refuse or Shorts)	37.00	to	68.50

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Imports of Asbestos by United Kingdom

Raw Materials

		September 1954 Tons (2240 lbs.)
From:	Union of South Africa	1,723
	Southern Rhodesia	3,128
	Basutoland, Bechuanaland & Swaziland	378
	Canada	4,538
	Other Commonwealth Countries and the Irish Republic	100
	Foreign Countries	29
		9,896

These figures were supplied by the Mining Journal Limited of London.

NEW APPOINTMENT AT RUBEROID

Ruberoid has recently announced the appointment of *Wilbur G. Neel* to be sales manager of the company's Salt Lake City, Utah, district.

Mr. Neel, who has spent his entire working career in the building materials business, is scheduled to begin his new duties immediately. He joined Ruberoid early this year and has served as an executive assistant to Mr. O'Leary with headquarters in New York.

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South African Asbestos

Representing

JOHN HOLT & COMPANY (PTY) LTD.

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COMPLETE PLANTS FOR MAKING ASBESTOS CEMENT PIPES
ALL SYSTEMS
Automatic Pipe Testing Machines — Precision Steel Mandrels
Aluminum Forms for Specials
Complete Plants for Making Sheets — Hatschek System
Automatic Corrugating Machines
Modern No-Loss Filters (Separators) • Conveying of Cement in Bulk
PLANTS CAN BE INSPECTED
Whole Plants Designed, Equipped and Started
ASBESTOS CEMENT ENGINEERING CO. S ar. l.
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Importers, Exporters, Processors of All Varieties of
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ASBESTOS

FIBRE
YARNS
TAPES
CLOTHS
PACKINGS
ROVINGS
TUBING
WEBBING
CLOTHING
JOINTING

B
B
A

Mintex Brake & Clutch Liners
& other Friction materials
All types of belting
for industry including
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Asbestos Magazine, 1954, December 1954
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Tests

May 1954— 4 Test Report on Water Resistant Magnesia Insulation

PABCO

Changes In Personnel

Dr. Raymond H. Lester has been appointed Research Director of Pabco Products Inc. He will be in charge of all Pabco research, with activities centering largely in Pabco's laboratories in Emeryville, Calif.

Formerly with Armstrong Cork Co., Dr. Lester joined Pabco in June 1954.

Woods Walker is manager of floor covering research for Pabco and Forrest W. Price has been appointed manager of building and industrial materials research.

F. A. Nordstrom has been appointed manager of the Roofing Division of Pabco Products.

Mr. Nordstrom will be in direct charge of the Pabco Roofing plants in Portland, Oregon and Redwood City, Calif., and the plant now under construction in Wilmington, Calif. He will continue in a staff capacity in relation to roofing manufacturing at Pabco's main plant at Emeryville, Calif.

UNARCO EXPANDS

Construction recently started on a modern one-story office building adjacent to the Union Asbestos & Rubber Company's Bloomington, Illinois, plant.

The new structure will house the Division's Sales Department, Specification ond Quality Control Department, and Production Control and Scheduling Department, currently located in the company's main offices at 332 South Michigan Avenue, Chicago.



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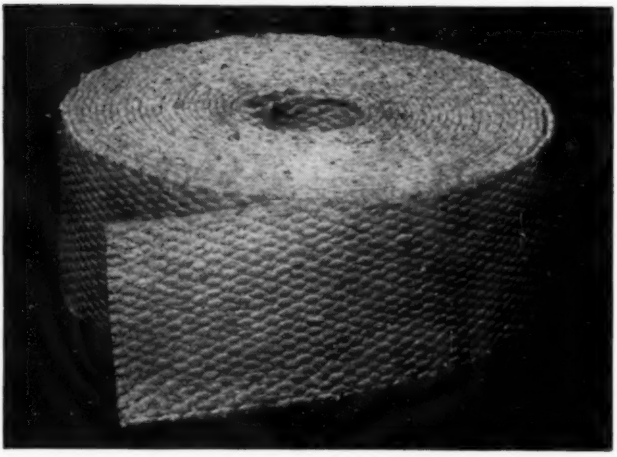
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Oil, Water, and Flame Resistant



R/M No. 907F ASBESTOS TAPE

R/M No. 907F Asbestos Tape is an example of R/M's ability to develop an engineered product for a specific application. It is impregnated with a flexible compound that is resistant to oil, water and flame. This tape is designed primarily for the flash protection of lead sheathed cables in manholes under city streets.

RAYBESTOS-MANHATTAN, INC.
ASBESTOS TEXTILE DIVISION, Manheim, Pa.

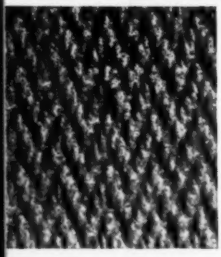
FACTORIES: Manheim, Pa.; No. Charleston, S.C.; Passaic N.J.; Neenah, Wis.; Crawfordsville, Ind.; Peterborough, Ontario, Canada

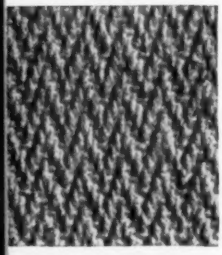
RAYBESTOS-MANHATTAN, INC., Asbestos Textiles • Packings Brake Linings • Brake Blocks • Clutch Facings • Fan Belts Radiator Hose • Rubber Covered Equipment • Industrial Rubber, Engineered Plastic, and Sintered Metal Products • Abrasive and Diamond Wheels • Bowling Balls

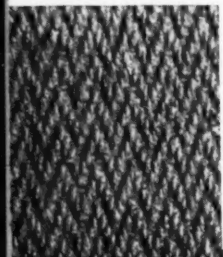
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SOUTHERN ASBESTOS

HERRINGBONE CLOTHS







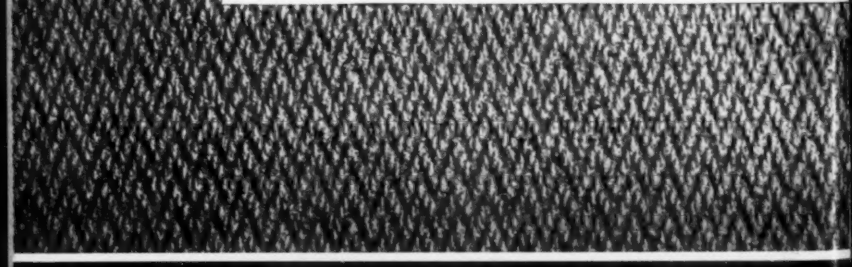
Originally designed and developed for safety clothing, Southern's Herringbone Weave Asbestos Cloth has many other uses because of its fine texture and high tensile strength.

Made to prevent excessive ravelling; constructed for maximum resistance; smooth, closely-woven texture—all result in a stronger, more durable cloth. Write for Folder No. 1005.

A COMPLETE LINE OF ASBESTOS TEXTILE PRODUCTS

THREAD • CORD • YARNS • ROPE
TUBING
CARDED FIBRE • LISTING TAPE • WICKING

Southern Asbestos, with over 25 years of specialized experience in developing and manufacturing Asbestos Textiles and Textile Products, will be glad to work with you on problems involving new uses or better uses for asbestos fibres and textiles.



SOUTHERN ASBESTOS COMPANY • CHARLOTTE 1, N. C.

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