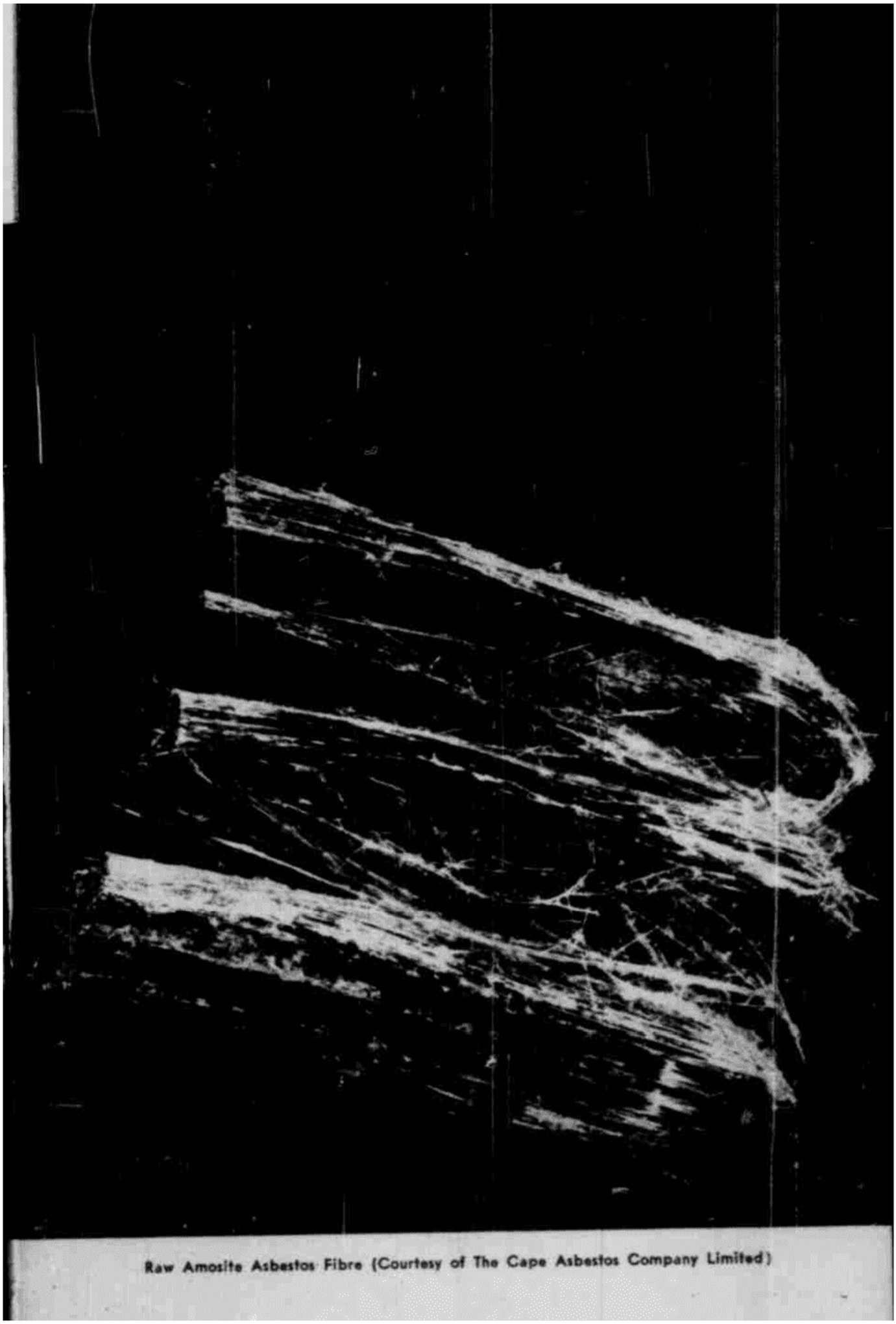
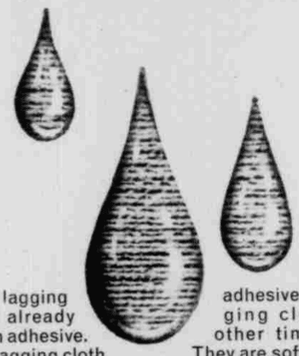


Raw Amosite Asbestos Fibre (Courtesy of The Cape Asbestos Company Limited)

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ASBESTOS

VOLUME 49 SEPTEMBER 1967 NUMBER 3

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BRITISH ASBESTOS INDUSTRY

Part 4B: Asbestos Packing and Jointing

By: C. Z. Carroll-Porczynski, F.T.I.

Part 4A appeared in the August 1967 issue of ASBESTOS.

(This is the fourth and final part of the article "British Asbestos Industry" which has been written by Mr. C. Z. Carroll-Porczynski, a leading expert in the Asbestos Industry, for publication in ASBESTOS.)

Asphalt/Asbestos Composition Coatings

Mixtures of asphalt and asbestos are widely used as roof coatings, for spraying car underbodies as insulation, for sealers, corrosion resistant masties and industrial maintenance paints. Asphalt is frequently employed, as it is a low-cost bituminous material either occurring in the natural state (for example, gilsonite) or as residue from the distillation of certain petroleum crudes.

In these compositions asbestos acts not only as a "filler" but also provides reinforcement, improves weather resisting characteristics and toughness, and plays a part in controlling consistency, sag and film thickness.

The following British companies specialize in asphalt/asbestos coatings: Berry Wiggins and Company Limited, London; Dussek Bitumen and Taroleum Limited, London; and, Bituminous Compositions Limited, Leeds, Yorkshire.

Adhesives

In these products the asbestos content (shorts and floats) ranges from 5 to 50%. This type of fibre provides bulk, reduces penetration, eliminates crazing, reduces shrinkage and improves resistance to heat of finished products.

Two of the leading British producers of asbestos-based adhesives are Bostik Limited, Leicester, and Evode Limited, Stafford.

Sealants

Shorter grades of asbestos fibre are finding wide applications in the production of sealants in combination with various resins and other ingredients. The amount of as-

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bestos used can be varied to produced either soft and pliable or rigid sealants (high fibre content).

The main advantages of using asbestos in joint sealing and roofing compositions are its ability to prevent material flow over a large range of temperatures and its ability to reduce the spread of flame.

A leading British manufacturer of this type of product is Kelseal Limited, London. The wide range of joint-sealing and roofing compositions made by this company contains specially selected grades of asbestos fibres.

The same company produces several types of strip sealer (Glasticord) for use in building and engineering where a waterproof and dustproof seal is required.

Expandite Limited, London, another British company operating on a worldwide basis, produces a range of flexible sealing compounds under the trade name "Sealastik".

Sealastik masties or air-pressure gun types are used for pointing around window and door frames and also as general crack and joint sealers. Sealastik Wide-Seal has been developed for sealing expansion joints of up to one inch (25mm) wide.

Another company manufacturing asbestos-containing sealers is British Sealocrete Limited, London.

Filtration

Chrysotile asbestos is most commonly used for filtration applications, but when resistance to acid is required, amphibole asbestos, blue crocidolite in particular, is frequently employed.

Specially cleaned and acid washed or purified asbestos fibres are used for filtering wines, fruit juices, beers, sugars, blood, various liquids and gases. Owing to the extremely fine fibrous structure, filtering through asbestos makes it possible to retain far finer particles compared with other filtering media.

Asbestos cloth for filtration purposes is made in Britain by every previously listed asbestos textile manufacturer.

T. B. Ford Limited, of Loudwater, Buckinghamshire, manufactures special filtration papers consisting of asbestos and cellulose fibres.

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Vokes Limited, Guildford, Surrey, makes Vokes-55 asbestos paper-based air filters characterized by high dust-retention capability and very low flow-restriction properties.

Asbestos Processing Equipment

William Tatham Limited, of Rochdale, Lancashire, is a leading manufacturer of asbestos textile processing equipment. Tatham carding machines, specially designed for the asbestos trade, can be found on every continent. The company can supply opening, carding and spinning equipment as well as complete asbestos textile plants in accordance with customers' specifications.

Platt Bros. Ltd., Oldham, Lancashire, also supplies asbestos textile equipment, including spinning and doubling frames, specially designed for the asbestos trade, and opening equipment.

Terrance and Son Limited, Bitton, Bristol, Somerset, and Christy and Norris Limited, Chelmsford, Essex, are well known in the asbestos trade for crushing and fiberizing mills employed in preliminary raw asbestos treatments.

Weaving equipment is available from G. Hattersley and Sons Limited, Keighley, Yorkshire, R. Hall Limited, Barnsley, Yorkshire, and Wilson and Longbottom Limited, also of Barnsley.

A Wilson-and-Longbottom plant was recently developed for weaving heat-resistant, asbestos-synthetic composite drying felts for the papermaking industry. This unique loom is fitted with two positive-feed delivery motions for the warp, positive rack-and-pinion shedding, positive three-roller take-up and stretching and heat-setting mechanism for synthetic components of composite felts.

B. and F. Carter and Company Limited, Bolton, Lancashire, makes a wide range of braiding machines for the manufacture of asbestos packing. This company has also developed a range of special asbestos-rope and asbestos-lagging machines.

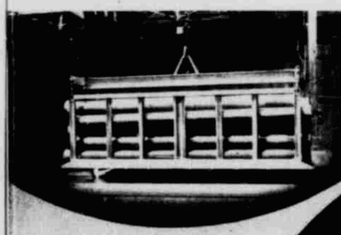
Bone Brothers Limited, Wembley, Middlesex, can supply complete asbestos millboard plants and asbestos-cement making plants for the manufacture of asbestos pipes, flat and corrugated sheets, and so on. An asbestos millboard

AUTOMATIC PLANTS TO MAKE SOCKETED PIPES

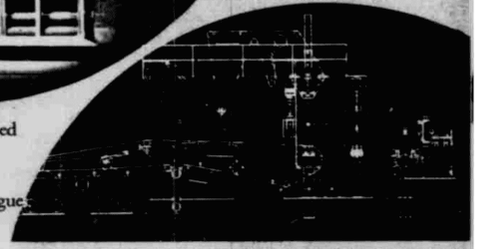


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making machine can also be obtained from Knowles Trotman Limited, London. A machine has also been developed by Bone Brothers for laminating aluminum foil to asbestos cloth.

Calendering machines for the manufacture of asbestos jointing are available from Francis Shaw Limited, Manchester, Lancashire.

Whatever the need, the British engineering industry can supply a full range of specially developed equipment for each branch of the asbestos industry.

It is impossible to list in a few pages all asbestos products, processes and machines developed in Britain for the asbestos trade. Enough has been told, however, clearly to indicate that the British asbestos industry still leads in many fields related to the uses and processing of the unique mineral—asbestos.

BIBLIOGRAPHY:

12. Information supplied by K. Furlonger, Technical Advisory Department, James Walker and Company Limited.
13. British Patent, Asbestos Packing, BBA Group Limited.
14. Gap Filling Metal To Metal Adhesives, Alan M. Berman, M.Sc., and Wallace Rubin, B.Sc., Ph.D., Assembly and Fastener Methods, May 1965, pp. 31-34.
15. Sealing and Deadening Problems in Car Body Production, Stanley G. Welpton of Morris Motors Limited, and Wallace Rubin, B.Sc., Ph.D., A.R.I.C., of Kelseal Limited, Automotive Design Engineering, September 1962.

ECONOMIC GEOLOGY, November 1966 issue, contains a chapter on "The Role of Unconformities in the Localization of Epigenetic Mineral Deposits in the United States and Canada", by J. W. Mills and H. T. Eyrich. A paragraph on the Asbestos Belt in Quebec, Canada, offers the following statement: The great asbestos deposits of southern Quebec are within and genetically related to ultrabasic and basic rocks intruded along a major unconformity separating the rocks of the Caldwell Group of Cambrian age from the unconformable overlying rocks of the Beauceville group of Ordovician age. This literature also covers a Metallogenic Study of the Lake Superior-Chibougamau Region and lists asbestos deposits as associated with rocks of tectonic activities of the Early Archean age.

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BRAKE SAFETY

(With all the controversy over automotive safety, Raybestos-Manhattan's Grey-Rock Division, a leading manufacturer of brake linings, has issued a brake safety kit containing six fact sheets of accurate technical material on brakes—one of the most vital safety features of a vehicle. Grey-Rock's experts will be glad to elaborate on any of this material or answer questions that might arise, particularly at the time that state or federal safety standards might be imposed on all automobiles sold in the United States.)

(Fact Sheet No. 4 on What Mechanics Should Check and Repair in Inspecting Brakes is published below. The remaining fact sheets will appear in future issues of ABESTOS and will cover tips on using brakes safely, and quotes from experts on brakes. Fact Sheet No. 1—Brake Types appeared in March 1967 ASBESTOS. No. 2—Brake Lining Test Failures appeared in May 1967 ASBESTOS. No. 3—Lack of Uniform Brake Lining Standards appeared in July 1967 ASBESTOS.)

No. 4—What Mechanics Should Check and Repair In Inspecting Brakes

Brake systems consist of three basic components: (1) control and booster mechanisms, (2) the brake assemblies at the wheels, and (3) the part of the vehicle chassis through which the torque set up by braking is absorbed.

Proper inspection and repairing of brake systems, therefore, entail checking all three basic components.

Control and Booster Mechanisms

HYDRAULIC SYSTEMS—In addition to checking the fluid level of the hydraulic system, proper inspection involves checking the operation of the entire system, from the foot pedal through the wheel cylinders, and all the lines and linkages in between. Hydraulic fluid should be added if necessary and replaced periodically.

BOOSTERS—With vacuum assist systems, the inspection should include everything from the intake manifold to the wheel cylinders, including all valves and reserve tanks.

AIR BRAKES—With air brakes, the inspection should include everything from the compressor and its governor to the brake chambers, including all valves, reservoir tanks, and slack adjusters.

Brake Assembly

This inspection should involve checking backing plates

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and anchors, shoes, linings, pull back springs, drums, links and wheel bearings.

Drums might need to be reconditioned or replaced. New linings will need to be installed periodically. So might any of the other parts of the assembly.

Chassis

Torque of braking action is absorbed through the tires, steering mechanism, suspension and connections, and the rear axle housing with its connections.

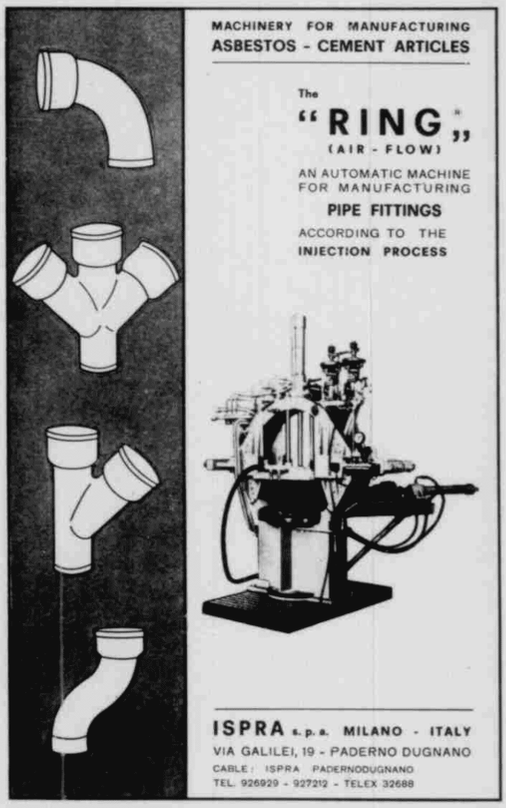
A thorough brake system inspection, therefore, should include a check of these components and repairs or replacements made if needed.

S.M.F.M.A. OFFICERS—James P. Verhalen, President of the Sprayed Mineral Fiber Manufacturers Association has announced several changes within the organization. R. H. Toth, of Smith & Kanzler Company, has been elected Vice-President. A. E. Binger, former vice-president of the association, has been appointed Executive Secretary.

The headquarters of the association has been moved and the new mailing address is P. O. Box 427, Westfield, New Jersey 07090.

ESTIMATING GRADE OF ORE—An improved statistical method for estimating the grade of ore lying between the sampling points in a mine has been developed by the U.S. Bureau of Mines. Such estimates are particularly needed in the exploratory phase of mining, and they are useful also in planning operations and scheduling production. The method employs data from a series of samples taken along a drill hole or shaft. These data are analyzed statistically to determine how far any sample point the assay value will probably hold true. (Report of Investigations 6955—Assigning an Area of Influence for an Assay Obtained in Mine Sampling; single copy, free, from Publications Distribution Section, Bureau of Mines, 4800 Forbes Avenue, Pittsburgh, Pennsylvania 15213.)

AUSTRALIA produced 7,313,000 square yards of non-acoustic asbestos-cement sheets during the FIRST QUARTER of 1967, according to the Commonwealth Bureau of Census and Statistics, Canberra, Australia.



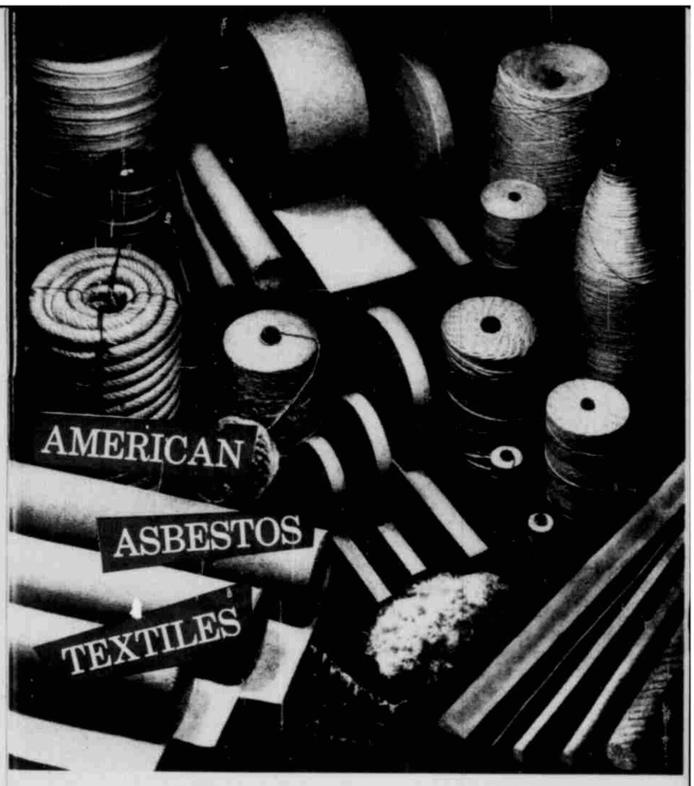
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American Asbestos Yarn Mill

American Asbestos Textile Corporation has a 50,000 square foot yarn mill under construction near Milford Square, Pennsylvania. Plans call for complete air conditioning and humidity control. The highly automated manufacturing process represents a radical departure from conventional methods. The mixing-carding operation was designed by American's own Engineering Department. Balloonless, high-speed spinning frames deliver giant packages. Twisting frames also operate on the balloonless principle, with spindles especially designed to form a giant package at high speed. Batteries of automatic winding machines deliver packages of any desired dimensions. American is building, in their own shops, some of the highly specialized equipment. Leading manufacturers in the United States and abroad are supplying machinery of the latest design. American's new yarns differ from accepted industry yarns in that they are knotless whenever desired, of unusual uniformity and superior breaking strength, and within greatly reduced variation limits.

The mill is scheduled to begin production the latter part of this year and will complement the production of the plants in Norristown, Pennsylvania, and Meredith, New Hampshire.

CANADIAN STANDARDS—The two following amended standards are available, at 15c each, from the Secretary, Canadian Government Specifications Board, c/o Department of Defence Production, Ottawa 4, Canada: 34-GP-10a, Standard for Asbestos-Cement, Industrial Vent Pipe, dated April 28, 1967 (applies to pipe and couplings of asbestos-cement, intended primarily for use in exhaust systems conveying fumes from laboratory hoods and from certain industrial processes, and in ventilation systems conveying treated air); and, 34-GP-11a, Standard for Asbestos-Cement, Flue Pipe, dated April 28, 1967 (applies to pipe, couplings and fittings of asbestos-cement, intended primarily for use in chimney linings for venting domestic gas-burning appliances).



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W. Noel Reakes — Retired

W. Noel Reakes, technical service and merchandising manager, Asbestos Fiber Department, National Asbestos Mines, retired August 31st, 1967, after having been actively engaged in the Asbestos Industry for 42 years.

Mr. Reakes joined the Johns-Manville organization in 1925 as a service and employment manager, was then promoted to a supervisor in asbestos milling operations, then became a superintendent of the Fiber Development and Research Department (which he organized in 1930), and was appointed district manager of the Asbestos Fibre Sales Division in 1947.

In 1958, Mr. Reakes joined National Asbestos Mines, with headquarters at National Gypsum Company, the parent company, in Buffalo, New York. He was responsible for the promotion of fibre sales in the domestic market and was also director for developing outlets for asbestos fibres in overseas markets, which he visited annually.

Mr. Reakes resides in Fort Erie, Ontario, Canada, and will be active with his hobbies including heading up the Pen Pal Service for the Boy Scouts of Canada which organization he has served for the past 49 years.

NEXT ECONOMIC CENSUSES—The next group of Censuses of major portions of the United States' economic activities will be taken early 1968 covering the calendar year 1967, according to the U.S. Bureau of the Census. To be continued will be censuses of manufactures, mineral industries, business, transportation, and commercial fisheries. A large segment of the Nation's economic activity, the construction industry, will be added to the 1967 Census of Business. Also added will be questions for architects, engineers, lawyers, and travel agencies. It is planned to start the flow of published reports late in 1968.

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Automobile Sales

JUNE 1967 motor vehicle factory sales from plants in the United States totaled 911,714 (passenger cars—765,303; trucks and buses—146,411). The total for June 1966 was 985,890. The total for the first six months of 1967 was 4,892,964 compared to 5,855,412 for the same 1966 period.

Motor vehicle factory sales from plants in Canada totaled 94,364 in June 1967 compared to 84,496 in June 1966.

CAREYTEMP EXHIBIT — Visitors to Booth No. 5110 at the Exposition of Chemical Industries at the New York Coliseum, November 27th through December 1st, 1967, will see and hear about Careytemp insulation developed and manufactured by The Philip Carey Manufacturing Company. Literature on Careytemp and the complete line of Philip Carey industrial insulations featured at this show will also be displayed.

JOHNS-MANVILLE EXHIBIT at the Water Pollution Control Federation meeting in New York City, October 8th through 13th, 1967, will feature the broad J-M line of pipe and their application for water, wastes, drains, and process lines. It will also feature Ring-Tite PVC and Temp-Tite, new pipe products for potable water lines, force sewer mains, irrigation, and for underground chilled and low temperature hot water distribution lines in central station heating/cooling systems. The J-M exhibit will occupy Booths 54, 55, 59, 60 and 61.

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Building

JULY 1967 construction contract values eased back from the all-time peak reached in June, but still led the year-ago value by 2%. Contracts for future construction were valued at $4,879,350,000.

Residential building contracts climbed to $1,828,552,000, a 23% gain over last year's depressed levels. Apartment contract values were up 51%, while contracts for one-family housing were 17% higher. Although the current housing values show large year-to-year gains, the seasonally-adjusted rate of residential contracting slipped a bit from the previous month. Much of the anticipated strong response by the housing market to the renewed flow of mortgage money has already been felt. There is still room for further housing expansion, but the pace is bound to be a bit slower over the months ahead.

Nonresidential building total contract value fell to $1,748,726,000, 4% below last July. Contracts for new commercial buildings were 8% below their year-ago value, contracts for manufacturing buildings fell 6%, and educational building contracts were down moderately. Increases were limited to public buildings, hospitals, and religious buildings.

Nonbuilding construction fell 13% below last year to $1,302,072,000. Contracts for street and highway work were ahead by 8%, while contracts for sewer and water supply projects advanced 18%. The decline was concentrated in the utility category.

FIRST SEVEN MONTHS 1967: Residential $10,978,861,000 down 9%; Nonresidential $11,658,549,000 no % change; and Nonbuilding $7,498,173,000 down 4%—total construction $30,135,583,000 down 4% from the first seven months of 1966. (F. W. Dodge Company, a division of McGraw-Hill, Inc.)

PRODUCT LITERATURE CONFERENCE—The second annual Conference on Product Literature and Advertising in the Construction Industry, will be held at the Drake Hotel, Chicago, Illinois, October 23rd and 24th, 1967.

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Market Conditions in Australia

By R. A. Dodge, Consulting Geologist

Consumption of asbestos in Australia has increased considerably since the post-war period from 29,150 tons in 1952 to 58,475 tons in 1965.

Production has increased over the years mainly due to the production of crocidolite from the Colonial Mine in the Hammersley Ranges of Western Australia. In 1950, the annual production of crocidolite asbestos was approximately 2,000 tons and in 1965 had risen to 11,566 tons.

The lack of production has been augmented by imports of asbestos which have increased from less than 30,000 tons in the early 1950's to 51,719 tons in 1965. With the closing of the Colonial Mine late in 1966, a critical shortage of fibre supplied from internal sources has been created. Consumers will have to depend upon a highly erratic supply from producers of crocidolite in South Australia and the small production of chrysotile and tremolite from the Baryulgil Mine in New South Wales and the Pilbara deposits in Western Australia.

Chrysotile is the major asbestos product used in Australia and constitutes between 60% and 70% of the apparent consumption of asbestos in industry. Of this only 2% to 3% is supplied internally, the rest being imported. Chrysotile imports from Canada constitute 90% of all chrysotile consumed in industry.

The value of imports of asbestos has increased over the past few years from $4,212,000 (Australian) in 1963 to $5,860,000 (Australian) in 1965 and will most certainly exceed $7,000,000 (Australia) in 1967. With the cessation of production at the Colonial Mine, it is estimated that an additional $2,500,000 (Australian) worth of crocidolite will have to be imported.

With the current expansion in domestic and commercial construction in Australia and the increased use of asbestos-cement building materials, it is likely that the consumption of asbestos will exceed 75,000 tons by 1968. The 1965 imports of chrysotile alone were 39,492 tons valued at $4,611,000 (Australian) representing an increase of $1,367,000 (Australian) since 1963.

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So, it's easier to work with.

Asbeston is ordinary asbestos, except that it's been spun and woven, brushed and calendered, to get a smoother, fuller fiber cover. As yarn, fabric, or tape, Asbeston comes in the widest variety of weights and sizes for every application.

If Asbeston sounds like something you've been looking for, write:

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®ASBESTON IS THE UNIROYAL, INC. REGISTERED TRADEMARK FOR ITS ASBESTOS YARNS, FABRICS AND TAPE.

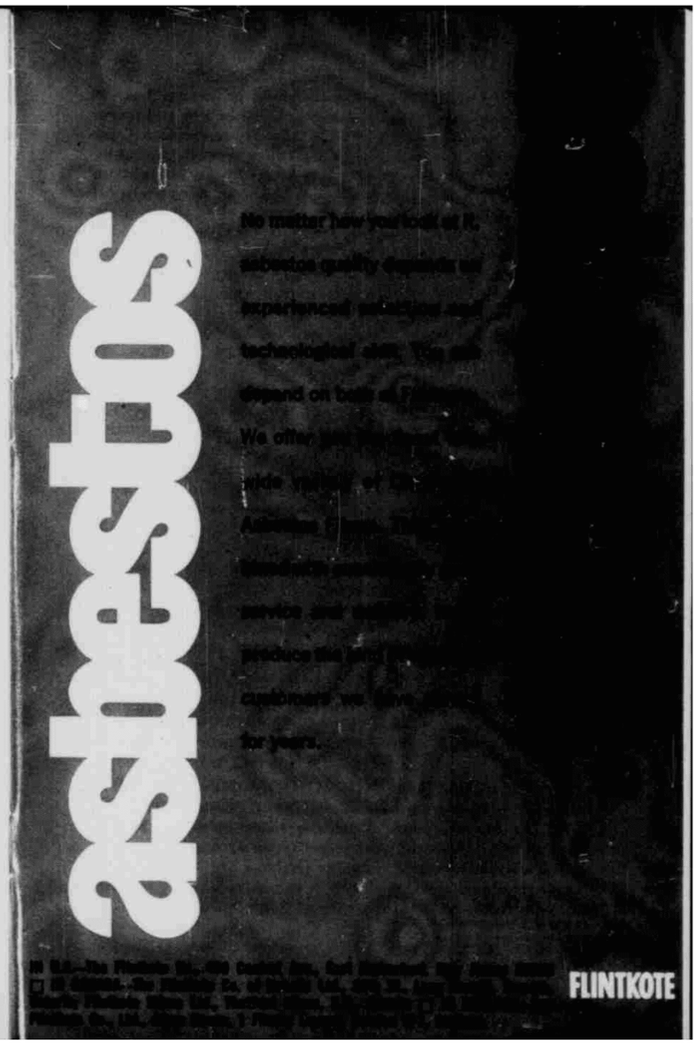
There is a growing need for an internal supply of asbestos in Australia and yet the tempo of exploration for this mineral is stagnating. There are known occurrences of asbestos in all States of Australia. Vast ultramafic formations which could host economic deposits of asbestos occur throughout Queensland, New South Wales and Western Australia.

There are many deposits which could be exploited; however, the mining companies and small syndicates lack the interest and the capital to thoroughly explore and develop these deposits. The antipathy of the Australian manufacturers and investors towards non-metallic minerals in general, and asbestos in particular, hastens the need for foreign risk capital.

Australia's proximity to the Asian market places it in an excellent geographical position for exporting to these markets. The stable political and economic climate in Australia makes it an ideal country for such foreign investment.

J-M PAVING FILM—A full color film produced by Johns-Manville Corporation features the use of asbestos fiber in the paving industry. Entitled "Modern Paving Techniques with Asbestos Fiber and Asphalt Mixes," the 16 mm film runs for 21 minutes. It deals with the enormous stresses our complex network of roads and highways are subjected to by weather and modern vehicular traffic, and illustrates ways in which asphalt paving may be improved by the addition of small percentages of asbestos fiber to the mix. The simple method in which fiber is added, the speed and ease of pavement and curbing placement, and the fact that asbestos-asphalt pavement is ready for traffic immediately after rolling, are stressed. The successful application of asbestos-asphalt thin overlays in various test locations is pointed up through testimonials by paving industry experts.

FIRE HURTS is the theme for the 1967 Fire Prevention Week, October 8th through 14th, sponsored internationally by the National Fire Protection Association. A complete line of more than forty campaign and educational items is available from NFPA headquarters.



NEW ASSOCIATION—Progress in design has, in the last ten or twenty years, become so rapid and equipment of various kinds is now so complex and interconnected, especially with the employment of electronic controls and automation, that many specialized skills have to be brought together to design and install a modern face, a modern transport system above or below ground, or a modern preparation plant. Thus the various separate manufacturing concerns have come together in Great Britain with the National Coal Board to evolve and prove their most advanced designs. In order to make the results of all this development available to the rest of the world, the separate manufacturing concerns have grouped together in the *Association of British Mining Equipment Exporters* (ABMEX). Mining engineers and designers from the constituent manufacturing units are used to cooperation in order to assemble suitable combinations of equipment for the varied conditions of coal and mineral mining. The formation of ABMEX is intended to facilitate this cooperation and to help the mining engineers of other countries who are interested to use the most up-to-date British equipment to obtain the very best advice and assistance. About sixty of the most important designers and manufacturers of mining equipment in Britain are members of ABMEX. Their wide range of products covers all aspects of mining, including: shaft-sinking, winding and tunnelling; cutting and power loading; roof, support, drilling, pumping; conveying and transport; crushing and stowing; lighting, ventilation, safety and dust suppression; electrical switchgear, electronic controls, telecommunications and signalling; and, coal preparation and mineral dressing. Details of the range of products and services offered by all the member-firms are given in a free "Buyers Guide" available from the Association Secretaries, 301 Glossop Road, Sheffield 10, England.

SONAC ULTRASONIC MINING CONTROLS is a brochure published by *Delavan Manufacturing Company*, West Des Moines, Iowa, which describes the advantages of employing ultra-sound over other types of mining controls under adverse conditions. Sonac controls are ideally suited for environments where there is excessive dust, vibration, ambient light, explosive areas, or high humidity.

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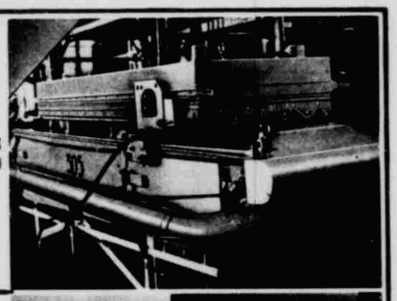
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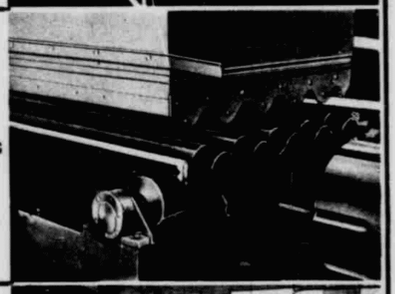
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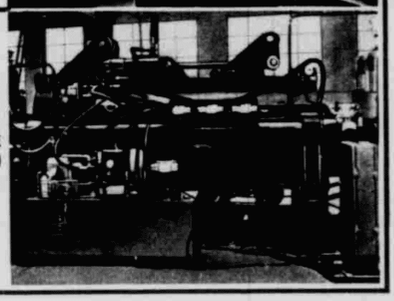
FEEDING TANK (VACUUM STRATIFICATION)



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MARKET CONDITIONS

General Business.

General business continues good for most sectors of the economy. The usual summer lull was not very pronounced and seems to be coming to an end at this point.

An unsettling factor could be a labor stoppage in one or more of the largest automobile manufacturers. Aside from this, most corporate managers and economists are reasonably optimistic about the immediate future for business in general.

Asbestos—Raw Material.

Quebec asbestos fibre shipments for the Industry during July 1967 totalled 91,571 tons, a reduction of 17,418 tons or approximately 16% from the same period last year.

Year to date shipments, at 658,822 tons, are running 54,372 tons or 7% lower than the same period 1966.

Asbestos—Manufactured Goods.

Asbestos Textiles. The strong demand for asbestos textiles continues, as has been the case in recent months. Prices are generally firm. The unfilled order position is good, and shipments are expected to show improvement now that plant vacations are over. Prospects for the rest of the year are very favorable. Government requirements should prove to be a strong supporting factor.

Asbestos Brake Lining. The present market situation for this material is excellent and should be strong for the rest of the year.

Asbestos Paper. Volume of business for this material is quite good at the present time and should remain so for the balance of the year.

Asbestos Millboard. Amount of sales for this product is only fair at present but should increase the latter part of the year.

If you use asbestos for





sheet gaskets **brake linings**

or just about any other product, we have the fibre grade you need. You can specify from 43 different grades, so you're sure of getting fibres of the correct length and with the proper degree of openness for your products.

Lake Asbestos fibre is supplied in pressure-packed bags which are easy to handle . . . occupy little storage space . . . save on shipping costs. For more information or test samples, write to: Asarco International Corporation, P.O. Box 608, Black Lake, Quebec, Canada—distributors for Lake Asbestos of Quebec, Ltd.

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BELGIUM
Keyser & Mackay
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ENGLAND
Textile Improvements Ltd.
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FRANCE
Dieppedalle & Séailles
Paris

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GREECE
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ASARCO INTERNATIONAL CORPORATION
a subsidiary of American Smelting and Refining Company

LAKE ASBESTOS

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High Pressure Insulation. Right now, business is good but the amount of back-log is decreasing. It is expected that volume of sales should slacken some during the coming months.

Asbestos-Cement Pipes. There are increasing signs of a softening in demand for pipe products but it is too early to tell if this represents a new direction or is just temporary. The outlook for the remainder of the year is one of cautious optimism.

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

JOHNS-MANVILLE CORPORATION has introduced *Lambeau Parquet*, a new vinyl-asbestos floor tile with a woodgrain pattern. The natural woodlike embossing and traditional parquet pattern of this floor tile make it unusually versatile. It comes in a 12"x12"x1/16" size and in two popular wood tones—maple and teak.

AN AGREEMENT has been entered into with M. J. Boylen 1967 Prospectors for the purpose of exploring concession properties selected by Canadian Johns-Manville Company Limited. Under the terms of the agreement, Advocate Mines Limited will obtain a 20% carried interest in mineral discoveries of other than asbestos, with Prospectors retaining an 80% working interest. In the event that a commercial asbestos deposit is discovered, Prospectors will hold a 20% carried interest in such a discovery, and Advocate will obtain an 80% working interest to develop the deposit.

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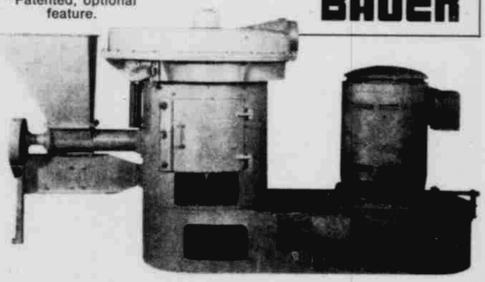
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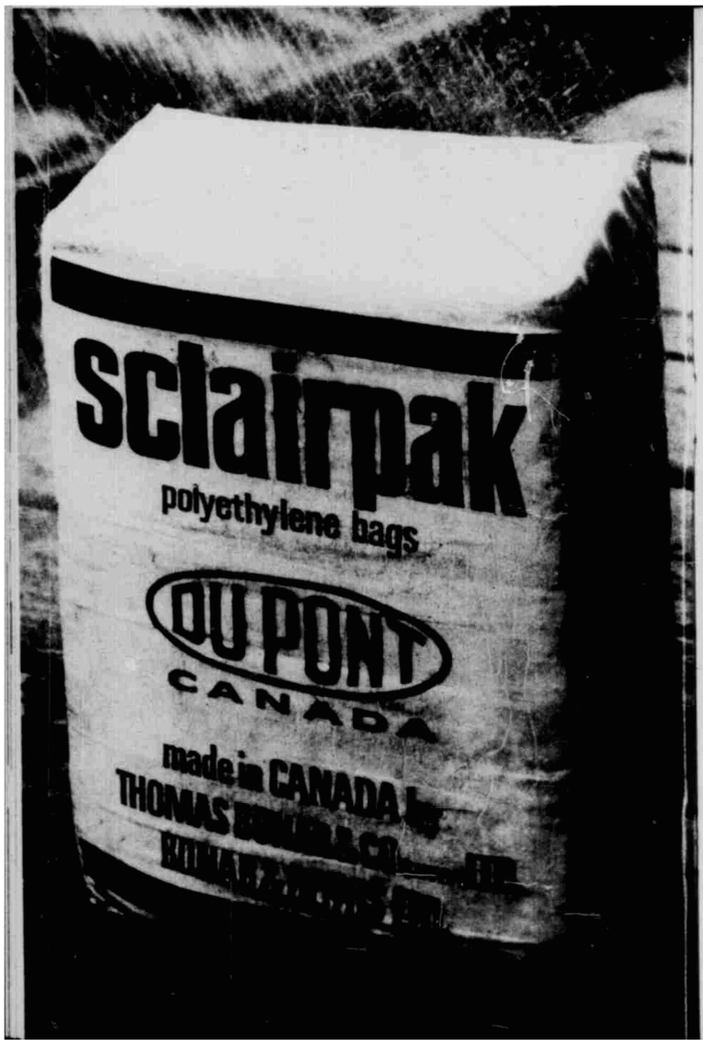
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Bone Dry

Even a muddy road can become an 'instant' warehouse when you pack raw asbestos or asbestos products in 'Sclairpak' industrial polyethylene bags from Du Pont. Made of the toughest polyethylene available, these unique, heavy duty bags offer unmatched moisture protection.

'Sclairpak' bags can be palletized, stored outdoors next to railway sidings, shipped on open trucks or above decks without concern for weather damage. However, for extended outdoor storage they should be protected against sunlight. 'Sclairpak' bags are exceptionally lightweight and because of high vapour impermeability, contents don't get heavier in transit.



The tensile, impact and tear strengths are all well above typical industry averages for other industrial polyethylene bags. Nothing is sacrificed for strength and protection. In fact, due to its unusual molecular structure, the more it stretches, the tougher 'Sclairpak' gets!

Heat sealing may be carried out as with other polyethylene bags or by using the new automated flat-end heat sealer available from Thomas Bonar/ Bonar & Bemis. Labels and trademarks printed directly on 'Sclairpak' bags remain clean, sharp and legible. Clear film permits quick inspection by customers without the need for opening bags.

For full information contact Thomas Bonar & Co. (Canada) Ltd. and Bonar & Bemis Ltd., exclusive 'Sclairpak' suppliers. Or write: Du Pont of Canada Limited, Dept. A-SP-2, Box 660, Montreal 3, Que.

'Sclairpak'

See the Du Pont of Canada Auditorium at EXPO 67, Montreal.

DU PONT
CANADA

'Sclairpak' is the registered trademark of Du Pont of Canada Limited, for its high-strength industrial polyethylene bag.

PRODUCTION

Australia—THIRD QUARTER 1966 asbestos production amounted to 3,213 short tons: Chrysotile—144; Crocidolite—3,069. (Bureau of Mineral Resources)

Canada—MAY 1967 asbestos production amounted to 119,158 tons (Quebec—111,810; Newfoundland, Ontario, and British Columbia—7,348). This compares with the May 1966 total of 93,343. Total for the first five months of 1967 is 499,158 tons compared to 525,503 for the same period in 1966. (Dominion Bureau of Statistics, Ottawa).

Cyprus—SECOND QUARTER 1967 production of asbestos amounted to 6,397 short tons: April—1,426; May—2,447; and, June—2,524. (Ministry of Commerce & Industry, Nicosia).

South Africa—FIRST QUARTER 1967 production of asbestos totalled 64,514 short tons (Amosite—21,424, Chrysotile—9,340, Cape Blue—31,938, Transvaal Blue—1,812). (Department of Mines, Johannesburg)

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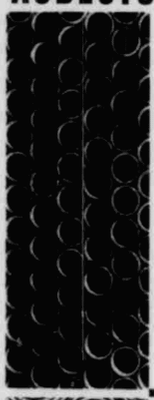
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IMPORTS & EXPORTS

Imports Into U.S.A.

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

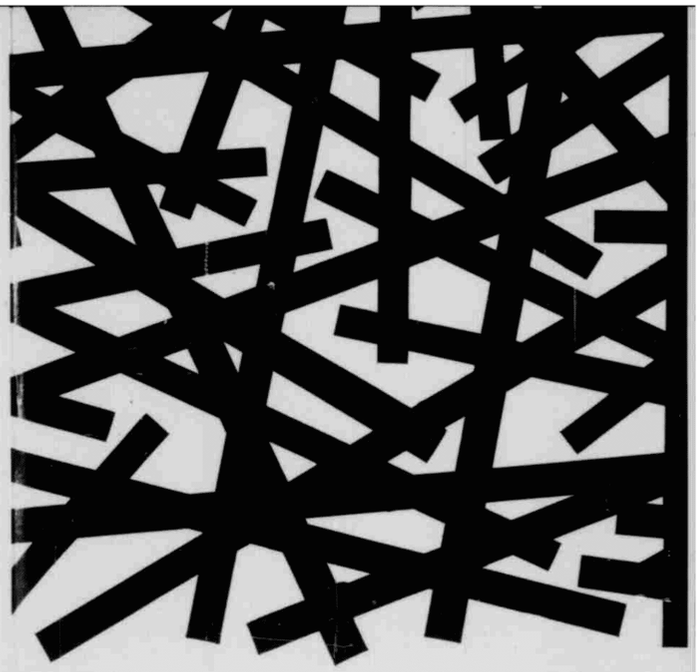
	Short Tons MAY 1967	JUNE 1967
Unmanufactured Asbestos:		
Amosite, Crude, Mozambique		170
South Africa	1,160	696
Crocidolite (Blue), Crude, South Africa	1,176	2,013
Chrysotile, Crude, Canada	2	6
Finland	442	
Rhodesia	210	
South Africa	200	550
Chrysotile, Spinning Fibers, Canada	1,146	1,371
Chrysotile, Other, Canada	47,986	44,332
Italy	2	
South Africa		121
Asbestos, Other, Bolivia	2	
Canada	1,402	1,458
Finland		116
Rhodesia		185
South Africa		125
	53,728	51,143

May 1967 valued at: $5,348,046
June 1967 valued at: $5,154,559

Manufactured Asbestos Goods:			MAY 1967
Asbestos Yarn, Slivers, etc.	Lb	150,744	$ 81,373
A-C Pipes, Tubes & Fittings	Lb	2,834,623	134,492
Asbestos-Cement Articles, Other	Lb	1,026,193	111,629
Asbestos Articles, Other			113,269
			$440,763

			JUNE 1967
Asbestos Yarn, Slivers, etc.	Lb	64,722	$ 47,160
A-C Pipes, Tubes & Fittings	Lb	1,914,121	81,881
Asbestos-Cement Articles, Other	Lb	1,480,005	213,405
Asbestos Articles, Other			106,429
			$448,875

Advocate Mines Limited produced 32,635 tons of asbestos fiber from the milling of 1,051,278 tons of ore during the first six months of 1967. Value of production was $5,534,000.



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Fast filtering – one of the qualities of Amosite Asbestos being increasingly appreciated by asbestos cement manufacturers. Other features are its excellent resilience and its dispersal characteristics in alkaline solutions. Full technical advisory service available from world's leading producers of amphibole fibres.

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Exports From U.S.A.

(Figures from U.S. Bureau of the Census) APRIL 1967

Unmanufactured Asbestos:

Crude & Spinning Fibers	s.tons	97	$ 21,800
Non-Spinning Fibers	s.tons	3,123	469,668
Waste & Refuse	s.tons	2,070	161,891
		5,290	$ 653,359

Manufactured Asbestos Goods:

AC-Shingles & Clapboard	Lb	1,433,472	$ 129,039
Other A-C Articles	Lb	309,169	53,974
Gaskets & Packing	Lb	399,258	482,489
Textiles & Yarns	Lb	205,698	151,855
Mfrs. other than Friction Materials			390,791
Clutch Facings, including Linings	No	236,216	260,810
Brake Linings for automotive use	Lb	503,375	351,129
Brake Linings, Other	Lb	216,495	187,323
			$2,007,410

Exports From Canada

Published by Dominion Bureau of Statistics) APRIL 1967

Unmanufactured Asbestos: Short Tons

	Crude	Milled Gp 3	Milled Gp 4&5	Shorts Gp 6-9
United States	3	1,740	15,420	35,525
United Kingdom	..	391	4,731	3,550
South America	..		3,961	475
Central America & Mexico	..	15	1,750	165
Europe	13	1,443	12,248	4,158
Japan	4	84	1,648	976
Other Countries	..	3	2,569	3,968
	20	3,676	42,327	48,817

Total Unmanufactured Asbestos—94,840 Valued at—$11,786,000

Manufactured Asbestos Goods:

Asbestos Brake Linings & Facings	$ 42,000
Asbestos-Cement Building Materials	158,000
Asbestos Basic Products, Other	78,000
	$278,000

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Australia Imports—The following preliminary statistics of Australia's imports of asbestos were issued by the Commonwealth Bureau of Census and Statistics, Canberra, Australia: FOURTH QUARTER 1966—15,101 short tons valued at $1,722,000; YEAR 1966—55,152 short tons valued at $6,437,000; and, FIRST QUARTER 1967—12,230 short tons valued at $1,513,000.

Australia Imports/Exports—THIRD QUARTER 1966 asbestos imports amounted to 16,547 short tons: Amosite—1,845; Chrysotile—13,968; Other—734. Asbestos exports amounted to 843 short tons for all types and grades. (Bureau of Mineral Resources)

Cyprus Exports—SECOND QUARTER 1967 exports of asbestos totaled 4,189 tons, valued at £185,317: April—2,297, £103,572; May—864, £38,309; and, June—1,028, £43,436. (Ministry of Commerce & Industry, Nicosia).

South Africa Exports—FIRST QUARTER 1967 exports of asbestos totalled 46,698 short tons valued at R5,272,572 (Amosite —17,430, R1,712,947; Chrysotile—3,865, R262,841; Cape Blue—24,608, R3,194,638; Transvaal Blue—795, R102,146). (Department of Mines, Johannesburg)

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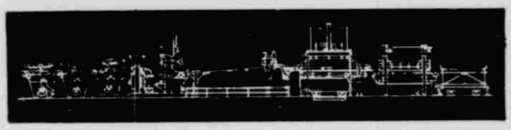
INDUSTRY NEWS

HAPPY BIRTHDAY

R. J. Berry, Vice President, Standard Asbestos Mfg. Co. of Cleveland, Cleveland, Ohio, September 15.
W. John Scotford, Technical Director, Wunderlich Limited, Sydney, N.S.W., Australia, September 15.
Jack L. Neal, President, Metate Asbestos Corporation, Globe, Arizona, September 16.
Albert Strodtbeck, Secretary, The Clark Asbestos Company, Cleveland, Ohio, September 17.
Walter F. Marcuse, President, Canadian Asbestos Company, St. Laurent, Montreal, Canada, September 18.
John Despard Christian, President, Cassiar Asbestos Corporation Limited, Toronto, Canada, September 19.
W. W. Oughtred, President & Chief Executive Officer, Asbestos Corporation Limited, Thetford Mines, Canada, September 19.
S. Ralph Zimmerman, Jr., Executive Vice President, Raybestos-Manhattan, Inc., Manheim, Pennsylvania, September 19.
William R. Whitener, Sales Manager, Pacific Asbestos Corporation, San Francisco, California, September 20.
Philip M. Malouf, President, United Asbestos Corporation Limited, Toronto, Canada, September 21.
Paul R. Sussman, President, The Sussman Asbestos Company, Toledo, Ohio, September 21.
Victor J. Laskoski, Manager-Asbestos Fibre Sales, The Ruberoid Co., New York City, September 22.
Jay P. Nicely, Vice President-Sales, National Gypsum Company, Buffalo, New York, September 22.
Jack B. Stiles, Works Manager, Wunderlich Limited, Rosehill, N.S.W., Australia, September 24.
Win Brown, Vice President, MacArthur Company, St. Paul, Minnesota, September 25.
W. S. Jeffrey, General Manager, Australian Asbestos Pty. Limited, Marrickville, N.S.W., Australia, September 26.
D. W. Jaquays, President, Jaquays Mining Corporation, Phoenix, Arizona, September 27.
John W. Humphrey, President, The Philip Carey Manufacturing Company, Cincinnati, Ohio, September 28.
Sir William C. Fenton, Chairman, BBA Group Limited, Cleckheaton, Yorkshire, England, September 29.
George Courtauld, Director, The Cape Asbestos Company Limited, London, England, October 2.
Patrick Talbot-Smith, Deputy Managing Director, Universal Asbestos Mfg. Co. Ltd., Tolpits, Watford, England, October 2.
Donald A. Bain, Sales Manager, Asbestos Erectors of Canada Limited, Montreal, Canada, October 3.
R. A. Denovan, President, Denovan Limited, Dalkeith, Ontario, Canada, October 4.

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Robert E. Skinner, Works Manager, Wunderlich Limited, Melbourne, Victoria, Australia, October 5.
J. S. Munro, President, Raybestos-Manhattan (Canada) Limited, Peterborough, Ontario, Canada, October 7.
F. A. Cunnington, Vice President—Operations, Asbestos Corporation Limited, Thetford Mines, Canada, October 8.
David L. Neil, Vice President—Manufacturing, Building & Industrial Products Division, The Ruberoid Co., New York City, October 11.
A. L. Penhale, Chairman of the Board of Directors, Asbestos Corporation Limited, Thetford Mines, Canada, October 11.
H. R. Barrett, Executive Vice President, The Philip Carey Manufacturing Company, Cincinnati, Ohio, October 13.
Gordon G. Hazell, Manager—Technical Sales & Field Engineering, The Ruberoid Co., New York City, October 13.

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

Correction—In July 1967 ASBESTOS, on page 50, it was erroneously stated that Mr. H. D. S. Harding had been appointed a director of Turner & Newall Limited. This should have read: H. D. S. HARDIE—appointed a director of Turner & Newall Limited.

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The Mineral Industry of India (preprint from the 1965 U.S. Bureau of Mines Minerals Yearbook, 10c)—Production of asbestos during 1965 amounted to 4,526 metric tons compared with 2,967 in 1964 and 2,712 in 1963. No exports of asbestos were reported. Imports of crude asbestos in 1964-1965 reached 39,663 metric tons (principal sources: U.S.S.R.—14,594; Canada—14,036; United States—6,393; and, Rhodesia—3,886.

Canadian Mines Handbook 1967-1968 reveals that the Canadian mining industry entered the Centennial Year 1967 in a rising tide of new records for production, exports and expansion projects under development, including asbestos. Over 4,500 companies are listed, including new companies, reorganizations, name changes and mergers. Corporate information is provided for thousands of active companies. For producers, comparative earnings and financial figures are shown. Statistical data has been greatly expanded with the addition of information on production and value, exports, and other pertinent facts of the various minerals. Featured are the listing of producers, and a summary of producing mines. The 29-page map section and the 8-year range of stock market prices round out the data. (428 pages; $5.00 for paper-bound edition—$6.00 for deluxe binding; Northern Miner Press Limited)

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Merit/Castle Agreement—Castle Tin Mines and Merit Oil Limited have agreed to joint participation in exploration of the White Asbestos Mining property near Barraba, New South Wales, Australia. A special meeting of shareholders is to be called to consider the agreement. Merit Oil will act as manager of the project. Since 1964, 10,725 feet of diamond drilling has been completed in 21 drill holes, together with detailed geological mapping and trenching. Results of exploration indicate a continuous zone containing asbestos fiber over a strike length of 5,000 feet with average width of 400 feet. Drilling was concentrated on a 2,500-foot southern portion of the property and outlined a main asbestos zone with an average width of 200 feet. Assuming continuity over these dimensions and to depth tested by drilling, the zone is estimated to contain 11 to 15-million tons of asbestos-bearing rock. Potential tonnage of the complete fiber zone is 5 to 10 times that indicated by drilling. Detailed mill tests of representative samples of drill holes from previous work are being made. Major drill program, estimated at a cost of approximately $330,000, is anticipated. (The Northern Miner).

Asbestos Chapter (preprint from the 1965 U.S. Bureau of Mines Minerals Yearbook, 10c)—This latest annual chapter on asbestos covers data on: legislation and Government programs; stockpile objective and Government inventories; domestic production, consumption, and uses; prices; foreign trade; exports and reexports; imports for consumption (unmanufactured) by classes and countries, and by grades; world review; and, technology. Salient asbestos statistics for 1965 are as follows: production (sales), 118,275 short tons valued at $10,162,000; exports and reexports (unmanufactured), 43,126 short tons valued at $5,294,000; exports and reexports of asbestos products, valued at $19,101,000; imports for consumption (unmanufactured), 719,559 short tons valued at $70,457,000; apparent consumption, 794,708 short tons; and, world production, 3,570,000 short tons (estimate).

Ukranian Shield, U.S.S.R.—A study of the literature on the distribution of amphibole asbestos in rocks of the Ukranian Shield, Chertoialyk Solenaya region, U.S.S.R., resulted in the conclusion that asbestos of three types is present: anthophyllite, cummingtonite, and crocidolite. Other types of asbestos were not discovered in the area. The anthophyllite type was localized in rocks of ultrabasic composition relatively poor in Fe and rich in Mg. It was associated there with tremolite and actinolite. The cummingtonite and crocidolite asbestos were localized in rocks of jaspilite formation which were to the contrary rich in Fe and poor in Mg. (AC/M Magazine, February-March 1967).

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ASBESTOS PRICES

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

(As of July 10, 1964)

No. 1 Crude	$1,410.00 to	$1,650.00
No. 2 Crude	610.00 to	960.00
AAA	..	800.00
Group No. 3 (Non-Ferrous Filtering & Spinning)	425.00 to	750.00
Group No. 4 (Non-Ferrous Plastic & Filtering)	385.00 to	500.00
Group No. 5 (Plastic & Filtering)	250.00 to	400.00
Group No. 7 (Refuse & Shorts)	58.00 to	90.00

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

(As of April 1, 1967) Canadian Currency

Crude No. 1	$ ..	$1,410.00
Crude No. 2	..	760.00
Group No. 3 (Spinning Fibre)	360.00 to	588.00
Group No. 4 (Shingle Fibre)	198.00 to	335.00
Group No. 5 (Paper Fibre)	140.00 to	165.00
Group No. 6 (Waste, Stucco or Plaster)	..	101.00
Group No. 7 (Refuse or Shorts)	47.00 to	85.00

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

(As of April 1, 1967) Canadian Currency

AAA grade (non-ferrous spinning fibre)	$ 810.00
AA grade (non-ferrous spinning fibre)	643.00
A grade (non-ferrous spinning—Canadian Group 3)	484.00
AC grade (asbestos-cement—Canadian Group 4)	345.00
AD grade (asbestos-cement—Canadian Group 4)	284.00
AK grade (shingle fibre—Canadian Group 4)	241.00
AS grade (shingle fibre—Canadian Group 4)	200.00
AX grade (shingle fibre—Canadian Group 5)	177.00
AY grade (shingle fibre—Canadian Group 5)	126.00

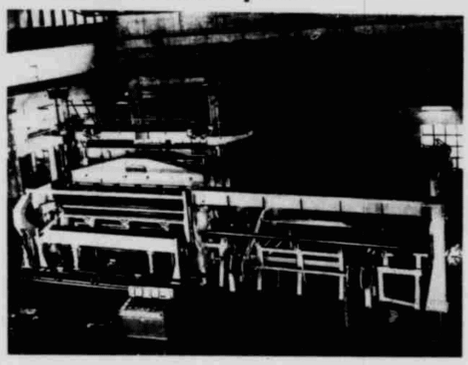
VERMONT— Per Ton of 2,000 lbs., f.o.b. Mine

(As of April 1, 1967) U. S. Dollars

Group No. 3 (Spinning & Filtering)	$ 319.00 to	$ 342.00
Group No. 4 (Shingle Fibre)	183.00 to	296.00
Group No. 5 (Paper Fibre)	129.00 to	153.00
Group No. 6 (Waste, Stucco or Plaster)	..	93.00
Group No. 7 (Shorts & Floats)	40.50 to	78.00

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ASBESTOS STOCK QUOTATIONS

Close—August 31, 1967

Abex	33⅞	Gen Aniline	21⅛
Asarco	66	Gen Aniline (pfd)	29¼
Armstrong Cork	56¼	Glen-Alden	14⅞
Asbestos Corp.	*$24.50	G-Alden (.70)	16⅜
Bendix	47⅞	G-Alden (pfd—3.15)	110
Bendix (pfd)	76½	Gulf & Western	53½
Cassiar	*$16.50	G&W (pfd—5.75)	78¾
Certain-teed	18⅛	Johns-Manville	61⅛
Certain-teed (pfd)	19½	National Gypsum	46¼
Conwest	*$6.10	Patino	*$9.80
Fibreboard	35½	Porter	89
Flintkote	23¾	Raybestos-Manhattan	57⅜
Flintkote (pfd)	38⅛	Unarco	10¾
Garlock	19¼	Uniroyal	44⅛
*Canadian currency		Uniroyal (pfd)	134½

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ASBESTOS PATENTS

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

U.S. Patents may be purchased from The Commissioner of Patents, Washington 25 D.C., at a cost of 50 cents each. Remittance should be in coin, currency, or check, and the number(s) of the patent(s), name(s) of inventor(s), and date(s) of issue should be shown.

U.S. Patents issued from July 18th through August 8th, 1967.

3,331,697—Adhesive Composition, E. J. Salomon (assigned to Allied Chemical Corporation, New York City), July 18, 1967.

3,334,010—Heat-Resistant Fibrous Amphibole Asbestos Board Containing an Inorganic Binder, W. A. Moore (assigned to The Philip Carey Manufacturing Company, Cincinnati, Ohio), August 1, 1967.

India/Exploration—India is to receive a $9-million loan from Canada to finance an exploration program. Minerals included in the search will be asbestos, bauxite, copper, lead, nickel, manganese, and zinc.

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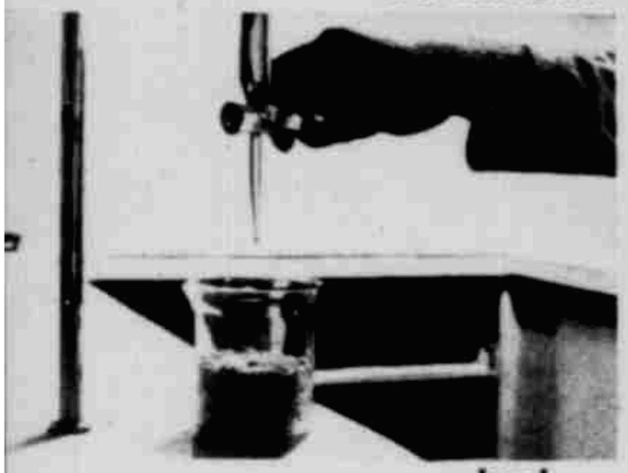
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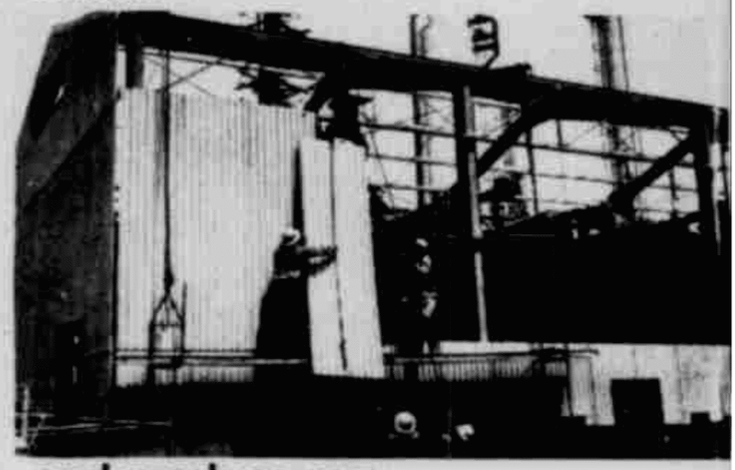
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