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ASBESTOS

VOLUME 47 DECEMBER 1965 NUMBER 6

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REVIEWING 1965

Miscellaneous

South African Bureau of Standards has appointed the South African Technical Committee for Asbestos to draw up a specification for the standard grading of asbestos. The necessary testing equipment will be acquired for the Asbestos Testing Laboratory and A. O. G. LeRoux, of the Turner & Newall Group, is advising and assisting the Bureau in equipping the new laboratory.

Pacific Asbestos Corporation has succeeded in recapitalizing its first-mortgage indebtedness and has reported a sharp gain in sales.

UniRoyal—United States Rubber Company is changing the names of some of its foreign subsidiaries to provide for incorporation of its worldwide trademark in the identifications of the subsidiaries.

A. L. Penhale, President of Asbestos Corporation Limited, received the Institute Medal for Distinguished Service for 1965 from the Canadian Institute of Mining and Metallurgy.

New Divisions/Company Expansions

The Bauer Bros. Co.—Product Development Group to work with the company's sales, engineering, research and manufacturing divisions.

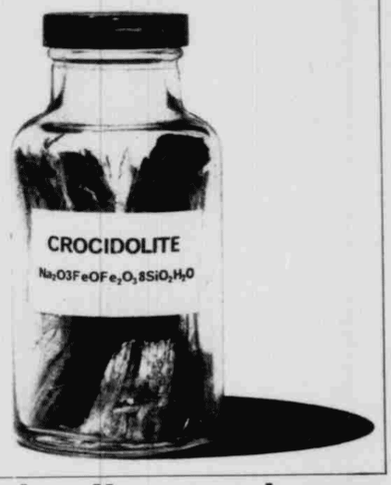
Cape Insulation and Asbestos Products Limited—Reinforced Plastics Division to promote development and sale of asbestos in all forms for plastics reinforcement.

Johns-Manville Corporation—Chemtite Products Department to produce and service asbestos-reinforced plastic Chemtite Pipe.

Johns-Manville Corporation — TempTite Products Group to produce and merchandise a new J-M pipe system consisting of preinsulated epoxy-lined asbestos-cement pipe for use in underground distribution of low-temperature hot and chilled water from a central plant.

Lake Asbestos of Quebec Limited—new sales office extension in Thetford Mines to headquarter its entire asbestos sales operations around the world.

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National Gypsum Company—new laboratory facilities to be the most complete single laboratory in the industry for testing both fire and sound control.

Nicolet Industries, Inc.—additional facilities at executive offices and research laboratories in Florham Park, New Jersey.

H. K. Porter Company, Inc.—Thermoid Division reorganized with particular emphasis on sales, marketing and distribution.

Asbestos Properties

Asbestos Corporation Limited has conducted a preliminary exploration program on its two asbestos properties *adjacent to the Clinton Creek property in the Yukon*; is preparing for eventual construction of a plant at its Asbestos Hill property, Ungava Bay area; and, is expanding *production facilities of the King-Beaver asbestos mill by* about 30%.

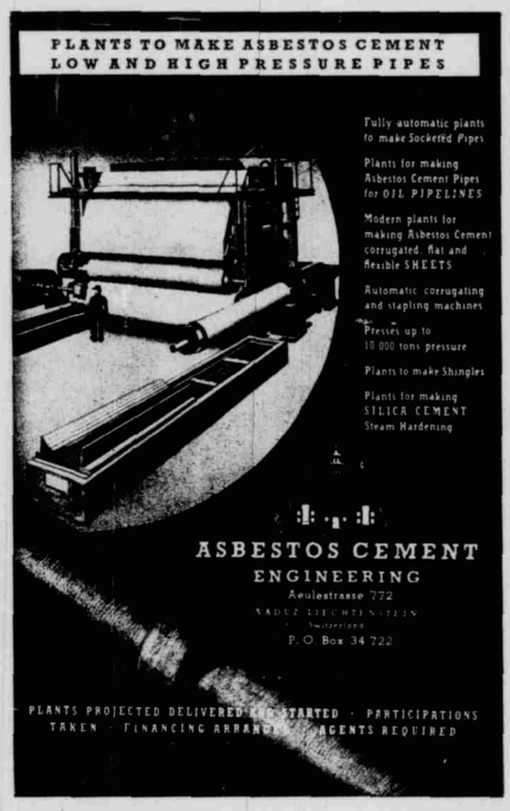
Aylmer Mines Limited resumed diamond drilling on its se ond asbestos anomaly in Coleraine Township and is now negotiating with a firm having active mills in this area for further development or disposition of the property.

Carey-Canadian Mines Limited provided facilities at its asbestos mine and mill which resulted in improved quality and increased effieiency and broadened the range of salehble fibres.

Cassiar Asbestos Corporation Limited carried out a reconnaissance geophysical survey of Kutcho Creek Asbestos Company Limited to outline the fibre-bearing serpentine within the main ultrabasic intrusive in which the property is located. Cassiar also has carried out diamond-drilling on its Clinton Creek Property.

Griqualand Exploration and Finance Company Limited decided to open a new blue asbestos mine in Strelley and has acquired interest in and formed Saamwerk Asbestos Limited to obtain a mining lease.

Johns-Manville Corporation terminated operations at Munro mine and tonnage samples are being studied at Munro mill which has been converted to test ore in various milling processes. Also, J.M.'s Jeffrey Mine is experiencing changes to increase capacity, and the asbestos crater at Asbestos, Quebec, is being enlarged.



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Lake Asbestos of Quebec Limited began extensive work at Coleraine to enlarge its open-pit mine during the next 4 or 5 years.

McAdam Mining Corporation Limited is bringing its Chibougamau area asbestos property into production.

Merit Oil Limited has run independent tests on its asbestos properties in New South Wales, Australia and has started the second stage of development.

Mines Exploration (Pty.) Limited has finalized an agreement with Cobb Minerals Limited to explore the potential of asbestos deposits in the Upper Takaka Valley, New Zealand.

Noordhoek Mine is erecting a modern milling plant in Cape Province, South Africa.

United Asbestos Corporation, under the direct supervision of American Smelting & Refining Company, is expanding on newly-developed ore and enlarging the limits of its open pit.

Plants/Factories

Asbestos Cement Industries Limited, Ceylon, has set a new asbestos-cement sheet production line into operation.

Asbestos Cement Pipes Limited, Dublin, has its factory at Greenhills, Drogheda, in full production and manufacturing "TURNALL" asbestos-cement pipes.

British Belting & Asbestos Limited is building a small factory near Cleckheaton for the production of materials under license from the Bendix Corporation of America, and has decided to build a factory at West Auckland to house an asbestos yarn manufacturing unit.

Canadian Asbestos Company Limited will construct an asbestos-cement pipe manufacturing plant near Regina.

Hindustan Ferodo Limited—manufacturing and marketing Ferodo brake and cluteh linings, asbestos textiles and compressed asbestos fibre jointings (T&N Group).

Hume Industries (Malaya) Limited has an asbestos-cement pipe and roofing sheets factory in Petaling Jaya, Malaya.

Johns-Manville Corporation is producing asphalt-asbestos and vinyl-asbestos floor tile at its new floor tile plant in Hayward, California, is constructing an asbestos-cement

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pipe plant at Green Cove Springs, Florida, and an asbestos fiber interior building board plant at Ghent, Belgium.

The Nuralite Company is building a factory at Livingston, Scotland, to manufacture weatherproof roofing, membranes, preformed flashings and other asbestos-bitumen building products.

H. K. Porter Company is constructing a new automotive friction materials plant near Sydney, Australia, and the Friction Materials Division of its Netherlands company has a new asbestos yarn treating installation in operation.

Sri Lanka Asbestos Factory, Ceylon, is officially opened and is producing corrugated and flat sheets.

Turners Asbestos Cement (Nigeria) Limited is producing asbestos-cement pipe at its plant in Enugu.

Turners Asbestos Cement Company Limited is establishing a factory in Northern Ireland to manufacture asbestos-cement products, mainly for the building industry.

Turners Asbestos Cement (Kaduna) Limited will construct an asbestos-cement factory.

United States Rubber Company is expanding production of Asbeston asbestos fabric at its Hogansville, Georgia, plant.

Machinery

The Bauer Bros. Co. Liquid Cyclones improve operating efficiency of heat exchangers and greatly reduce their maintenance and downtime when the cooling water is circulated through them.

Nicolet Industries, Inc. put a giant 6,900-ton monolithic board-producing press into use at its Ambler plant which plays an integral part in the manufacture of asbestos-cement products.

Nicolet Industries, Inc. has invested in its pilot plant paper making facility thus saving man hours, false starts and time and is highly flexible both in stock preparation and in paper web formation.

Nicolet Industries, Inc. has a new fourdrinier and press section in its Norristown plant which produces all grades made in the cylinder operations in addition to new product lines.

The **R.C.M. Company** - *known all over the world as a Firm highly specialized in the manufacture of equipments for the production of asbestos-cement pipes and sheets - make available their own experience for the solution of the following problems:*

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- *automatic sheet corrugation and quick maturing of them*
- *modernization of pipe machines with two forced feeded sieve cylinders.*

R. C. M.
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Asbestos Materials

Caposite Plus—moulded asbestos fibre pipe covering (Cape Insulation and Asbestos Products).

Rocksil Floor Warming Slab—designed for electrical floor warming systems (Cape Insulation and Asbestos).

Temp-Tite Pressure Pipe—preinsulated, epoxy-resin lined asbestos-cement pipe (Johns-Manville).

Polyester Chemtite Pipe—asbestos-reinforced polyester pipe system (Johns-Manville).

Rockspan Clapboard—new asbestos siding (Canadian Johns-Manville).

Scolstone—sheet material made from inorganic mixture of synthetic calcium aluminum silicate binder and fillers reinforced with finely dispersed asbestos fibre (Marinite).

Asbestos-lined Reinforced Plastic Pipe—reducing costs for Pennsalt Chemicals who is using the pipe to carry corrosive chemicals; pipe has crocidolite asbestos fibers from (North American Asbestos Corporation).

R/M US 98—brass wire-inserted woven asbestos lining friction material (Raybestos-Manhattan).

R 2854 B—resilient asbestos-cork friction material (Raybestos-Manhattan).

R, 3672 3—asbestos-cellulose friction material (Raybestos-Manhattan).

48 RPD Pyrotex Prepreg Felt—high temperature resistant material for rockets and missiles (Raybestos-Manhattan).

635D Grey-Rock Brake Lining—heavy-duty woven brake lining (Raybestos-Manhattan).

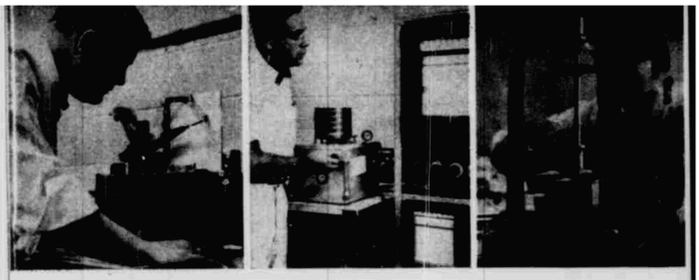
Deaths

It is with deep regret that we must record the passing of the following fine men who served the industry well.

Lord Lewis Joseph Hugh Clifford—Director, Humes Limited, August 27, 1964.

Charles Vernon (C.V.) Smith—pioneer figure in Quebec's asbestos mining industry, January 1, 1965.

David M. Berk—owner and founder, Standard Asbestos Manufacturing Company, January 11, 1965.



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Allen F. Owen—former Vice President, Latex Fiber Industries, Inc., January 26, 1965.

Anthony J. Scanlan—Chairman, American Asbestos Textile Corporation, February 13, 1965.

Robert James Painter—Executive Secretary Emeritus, American Society for Testing & Materials, February 23, 1965.

Russell E. Crawford, Sr.—former Vice President and Secretary, Ehret Magnesia Company, April 22, 1965.

John Ozurovich—founder, Atlantic Asbestos Corporation, April 28, 1965.

Hugh W. Alderdice—partner, Claxton Asbestos Company, July 17, 1965.

Edward J. Buczkowski—consultant, Certain-teed Products Corporation, July 18, 1965.

Walter E. Miller—Chairman and Executive Vice President, Philadelphia Asbestos Corporation, August 20, 1965.

Herbert A. Hirschfeld—President, Standard Asbestos Company, New York City, September 9, 1965.

Myril Clement Shaw—Director of Research & Development, American Asbestos Textile Corporation, November 12, 1965.

Retirements

Gregg T. Ward—Director of Advertising, United States Rubber Company.

H. E. Humphreys, Jr.—Chairman, United States Rubber Company (will continue as member of board of directors and executive committee).

G. J. Stone—Manager, New South Wales, Australia, Humes Limited.

Donald Dodge—Factory Manager, Lastex plant, United States Rubber Company.

D. E. Buckley—Sales Director, retired from the board of Turners Asbestos Fibres Limited.

Hubert F. Allen—Chairman and Director, Bell's Asbestos and Engineering (Holdings) Limited.

W. A. Busch—Assistant to the Vice President of Research, Engineering and Manufacturing, The Philip Carey Manufacturing Company.

Dean DeForest Crandell—Vice President for Research & Development, National Gypsum Company.

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Henry B. Hutten—Vice President-Sales, Industrial Products Division, The Ruberoid Co.

Millard F. Brown—Merchandising Manager of Roofing and Siding, Certain-teed Products Corporation.

Desmond Kirkness—Managing Director, Universal Asbestos Manufacturing Company Limited (continues as consultant).

Arthur O. Graves—Secretary, Certain-teed Products Corporation.

Films

Modern Paving Techniques with Asbestos Fibre and Asphalt Mixes—full color, 16mm, 21-minute, features the use of asbestos fibre in the paving industry; produced by Johns-Manville.

Books/Articles/Papers

Inorganic Fibre Reinforced Themoplastics, by G. L. Wicker.

The Exploration and Valuation of Small Asbestos Mines, by N. M. Airey.

The New World of Fabrics, by Irmengarde Eberle.

Not Resistant to Change, by Joseph V. Sherman.

Government Publications

England

Statistical Summary of the Mineral Industry, 35th edition, covers the years 1958 to 1963 (£1 7s. 6d.)

Canada

Canada's Mineral Production—1964, preliminary estimate (25¢).

Canadian Specifications, annual Index of Specifications and Standards revised to December 31, 1964.

Industrial Minerals Processing Plants in Canada—June 1965 (50¢).

Canadian Asbestos Mines—1962 (50¢).

Ontario Annual Report—1963 ($1.00).

Mining Industry in Quebec—1962.

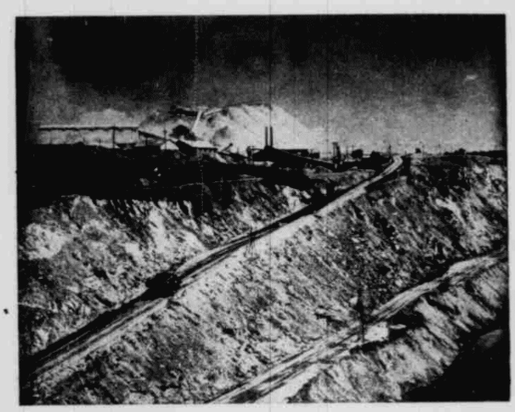
Canada's Asbestos Products Manufacturers—1962 (50¢).

Ontario Mining Map.

United States

Report AD 620 955, Laboratory Studies of Asphaltic

CANADIAN ASBESTOS



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Florham Park*, New Jersey

*Suburb of New York City.

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Concretes Containing Asbestos Fibers, Rubberized Asphalt and Epoxy-Resin Asphalt ($2.00).

U.S. Census Charts, 1953-1963 picture of trends of U.S. industry ($1.50).

Asbestos, preprint of chapter from Mineral Facts and Problems (10¢) .

Asbestos in 1964, annual preliminary estimate.

Asbestos Products, 1963 Census Report (10¢).

Asbestos in 1964, annual Mineral Industry Survey.

Booklets/Brochures/Catalogs

Welcome to Nordiskafilt—tours company and its operations and processes that go into the manufacture of papermakers felts and other industrial textiles.

The Story of Asbestos and Johns-Manville—describes and gives a little history of asbestos, relates how asbestos was discovered in Quebec and how a man with a vision was the beginning of J-M.

Handbook of Asbestos Products—outlines general information about Quebec's asbestos mining industry and asbestos building products available from Canadian manufacturers.

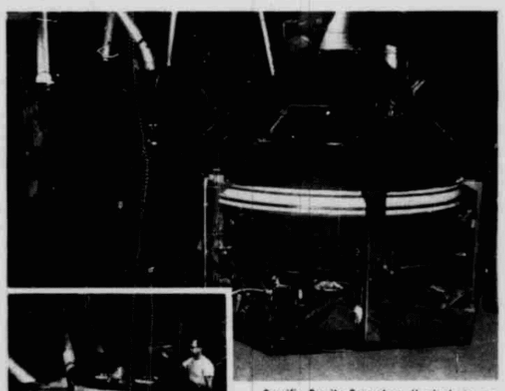
El Amianto, Mineral Paradojico—(Spanish), English-Spanish Glossary, by S. de la Concha. .

50 Years of Mining—by Norman C. Pearce, magazine supplement to The Northern Miner to celebrate its 50th anniversary.

During the past few moments, you have read a brief resume of the events that have occurred this year in the Asbestos Industry and recorded permanently in the records of ASBESTOS. 1965 has been a progressive year for our Industry and asbestos continues to play an important role in many fields of industry. Quite a few asbestos mines are in the process of being enlarged, the search goes on for the discovery and exploration of new asbestos properties, and research perpetually seeks revolutionary and diversified utilization of asbestos fibre.

The staff of ASBESTOS greatly appreciates the interest and assistance so generously offered by many individuals in the Industry, without whom ASBESTOS could not continue as a good service and source of information.

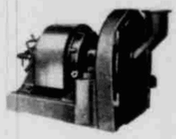
At this joyful season, it is our earnest hope that peace and brotherhood will abide with you forever.





Specific Gravity Separators. Hundreds in use, separating rock and fibers, reclaiming processed fibers, removing grit, blasting wire, particles of rock and wood, etc. Handle No. 4 to No. 7 fibers. Two sizes. Capacity 1 to 5 tons per hour. Use less air than other cleaners.

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Fiber Classifier. For wet classification of organic and non-organic fibers. Quebec Asbestos Mining Association has set up test methods using this unit to determine size, length, distribution and dust content of fibers.

Single Revolving Disc Mills. Economy and efficiency in wet grinding, reducing coarse particles, deflocking fiber bundles in asbestos slurries, etc. Four sizes, up to 200 HP.

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Newby House, 309 Chase Road,
London, N. 14, England

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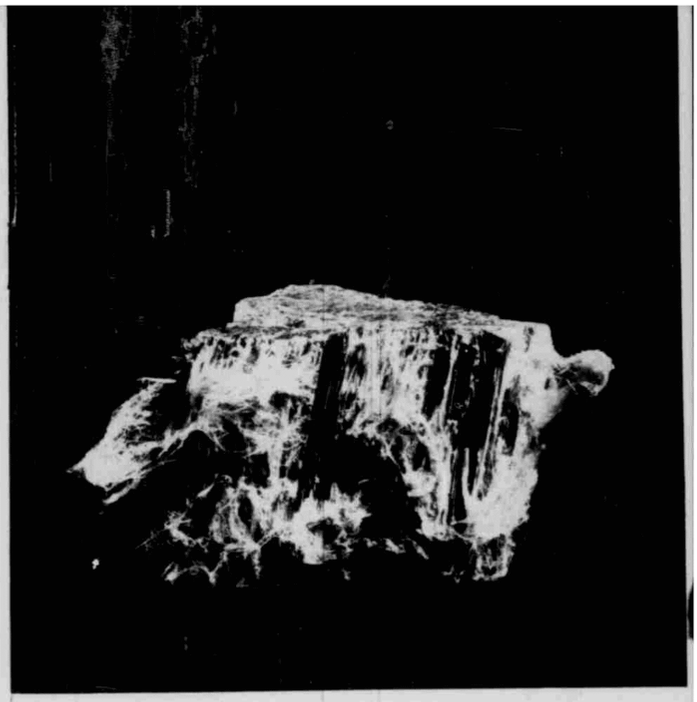
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ASBESTOS CORPORATION LIMITED ASBESTOS
Thetford Mines, Quebec

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Myril Clement Shaw (1907 - 1965)

Dr. Myril C. Shaw passed away unexpectedly on the evening of November 12th, 1965, at his home in Philadelphia, and while his death was due to a heart attack, he had never had any previous heart ailment. He had recently observed his 58th birthday. At the time of his death, Dr. Shaw was employed by the American Asbestos Textile Corporation as Director of Research and Development.

Dr. Shaw was formerly Executive Director and Research Fellow for the Asbestos Textile Institute for a period of 17 years and during his long association with the Institute, became widely known throughout the asbestos industry for his many technological contributions. His untimely death is a great loss to the industry.

He was a Member and Fellow of the American Ceramic Society, a Registered Professional Ceramic Engineer in the State of Ohio, a member of the American Society for Testing & Materials, a member of Sigma Xi, National Research Fraternity, and Phi Psi, Honorary Textile Fraternity.

WORLD MINERAL PRODUCTION reached a new high in 1964, according to the U. S. Bureau of Mines. In its yearly survey of 65 important mineral products, the Bureau found that production of 43 set all-time records, and only 15 showed decreases from the previous year. The United States still ranks first in production of 27 out of 53 commodities for which records are known to be reasonably complete. Of 23 non-metallic minerals included in the survey, 17 set new records for the year, including asbestos, diatomite, mica, phosphate rock, potash, salt and sulfur.

CAREY—The Philip Carey Manufacturing Company won two "Excellence" awards in Building Supply News' "Best Selling Aid and Drummer" competition. One of these awards was for the Philip Carey Fire-Chex Roofing Shingle Catalog and the other for the Miami-Carey Coverange Hood and Ventilating Fan Catalog.



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Carey-Canadian Mines, Ltd., one of the world's largest producers of asbestos fibre, can serve your needs around the world. Overseas sales agents are listed below. Additional information may be obtained by writing to Carey-Canadian Mines, Ltd., P. O. Box 15070, Lockland, Cincinnati, Ohio 45215.

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Wien, Austria	Robert Weisz
Taipei, Taiwan, China	Ziang Tai Mercantile Company
Copenhagen, Denmark	Andreas Jennow A/S
London, England	Central Asbestos Company, Ltd.
Helsinki, Finland	Oy Max
Paris, France	Compagnie Commerciale de Minerais Et Matieres Premieres
Duisburg, Germany	Deutsche Asbest-Gesellschaft G.M.B.H.
Lubeck, Germany	Possehl Erzgesellschaft
Calcutta, India	Expert Agency Service Private, Ltd.
Tel-Aviv, Israel	K. J. Deutsch
Tokyo, Japan	T. Kakiuchi & Company, Ltd.
Seoul, Korea	IHL-Hung Trading Co.
Haarlem, Netherlands	Chemische Productenhandel J. J. Van De Vrande
Auckland, C.I., New Zealand	Neill, Cropper & Company, Ltd.
Durban, South Africa	John Beith Pty. Limited
Buenos Aires, Argentina, S.A.	Will L. Smith, S.A.
Sao Paulo, Brazil, S.A.	Intertrade
Barranquilla, Colombia, S.A.	General Sales Corp. Ltda.

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CHAMBRE SYNDICALE DE L'AMIANTE, Paris, organized an international congress on asbestosis in Caen, France, in May 1964 which was attended by 70 doctors and experts on dust problems from 7 countries—Belgium, Canada, France, Germany, Great Britain, Italy and the United States. The 19 reports presented dealt with the medical and legal aspects of this occupational disease. The reports and summing-up of the discussions which followed each session are now gathered in a book of "Reports and Discussions" and the technical features of the book are: international congress on asbestosis, Caen 1964, 70 participants from 7 countries; Reports and Discussions, 400 pages, 8½" x 11" (21x27 cm), weight about 2 pounds; 19 reports on the medical and legal aspects of asbestosis (The reports are in the original language in which they were presented, 10 in English, 9 in French); and, 80 photographs and micro-photographs and many charts, graphs and tables. The book is obtainable post free from: Chambre Syndicale de L'Amiante, 10 rue de la Pepiniere, Paris, 8°, France, against the sum of F.F. 55 (US$11.25 or £ st 4 or DM 44) as a contribution toward the costs.

ASBESTOS IN CONCRETE—Asphaltic concrete fortified with fine asbestos fibers (waste screenings) can be used advantageously for linings and dam facings and in other hydraulic engineering projects. This is indicated in report AD-620 955, Laboratory Studies of Asphaltic Concretes Containing Asbestos Fibers, Rubberized Asphalt and Epoxy-Resin Asphalt, available from Clearinghouse, U.S. Department of Commerce, Springfield, Virginia 22151; $2.00 (prepared by U.S. Department of Interior, Bureau of Reclamation, July 1965, 48 pages).

ASTM STANDARD C500-65T, Methods of Testing Asbestos-Cement Pipe, is now available from ASTM Headquarters.

ASTM COMMITTEE C-17 on Asbestos-Cement Products, Orlando, Florida, February 15th through 17th, 1966.

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It does all the things regular asbestos does. Only it's lighter; and stronger for its weight. And because it's lighter and stronger, you can use it in more places in more ways. It's also a lot easier to work with. (Our engineering staff can make it easier still—they'll actually tailor any Asbeston fabric, yarn or tape or whatever to the specs of your operation.)

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UNIROYAL
U.S. RUBBER

Automobile Sales

SEPTEMBER 1965 motor vehicle factory sales from plants in the United States totaled 598,723 (passenger cars 459,691; trucks and buses 139,032). The total for September 1964 was 700,926. The figure for the first nine months of 1965 was 7,953,276 compared with 6,974,975 for the same period 1964. (Automobile Manufacturers Association)

ONTARIO MINERAL HERITAGE (sixth edition) by L. Carson Brown, Director of Public Relations—Ontario Department of Mines, is an attractive and well-illustrated booklet which deals broadly with the geological creation of the valuable mineral deposits scattered throughout Ontario and the history of the major mining developments which have taken place. The story is supported by various tables and graphs showing production figures and information on such subjects as prospecting activity. This booklet is available free of charge from the Ontario Department of Mines, Parliament Buildings, Toronto, Ontario, Canada.

TESTING MACHINE—A product made by a 60-year-old Thetford company has found its way into practically every asbestos-manufacturing plant in the free world, and into every asbestos mill in Eastern Canada. The company is the *Thetford Foundry* and the product is the *Quebec Standard Testing Machine*, used by manufacturers and producers alike to test the grade of asbestos fibre batches that are being produced or shipped.

ORANGEBURG/FLINTITE—Flintite building sewer pipe that gives root free water-tight performance is the subject of a new folder in a series printed for free distribution by the Orangeburg Manufacturing Company, division of The Flintkote Company. The brochure illustrates typical connections possible with Flintite asbestos-cement pipe and Weld-Tite couplings.

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The Flintkote Company of Canada Ltd.
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IN ENGLAND —
The Flintkote Company Ltd.
Adam House, 1 Fitzroy Square
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Building

OCTOBER 1965 contracts for new construction, 8% ahead of the year-ago total, were valued at $4,355,890,000. Nonresidential building contract value was strengthened by a heavy volume of commercial and educational projects, reaching a total of $1,581,821,000, up 11% from October 1964. Residential building contracts were valued at $1,896,722,000. The fact that this shows a value 11% higher than a year ago is mainly a matter of maintaining a level reached much earlier this year. Since spring, growth in housing has been conspicuously absent. October contracts for nonbuilding construction, at $877,347,000, were down 3% from the comparable 1964 monthly value.

The total value of construction for the first 10 months of 1965 was $41,985,850,000, 5% ahead of the same 1964 period.

1966 OUTLOOK—Construction will continue its upward sweep in 1966, reaching a new high of $51.475-billion in total contract value. This will be a gain of 4.2% over 1965's total contracts for future construction. In its forecast for 1966, Dodge observes that it will be the third straight year of construction advances within the range of 4-5%. Construction growth next year will take this direction; housing demand will continue to reflect a high rate of demolition and replacement. In particular, rental building will remain strong in 1966 and for several years afterward; hospital and educational facilities, to meet today's urgent needs, will be expanded sharply, aided substantially by new Federal programs; and, highways, urban transit, sewer and water development (some of the critical unsolved problems left over from the last big burst of growth back in the Fifties) will be accelerated. (F. W. Dodge Company, a division of McGraw-Hill, Inc.)

ROCKSPAN CLAPBOARD, a longer and stronger asbestos siding, has been developed by Canadian Johns-Manville Company Limited. The new siding, the first in four-foot lengths to be made in Canada, is being produced at the company's Asbestos, Quebec, plant. Completely mineral in composition, Rockspan Clapboard is made of asbestos and cement and is coated with an Acrylic plastic surface.

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MARKET CONDITIONS

General Business.

General business continues good. There has been a slackening in demand for steel as users work off inventories accumulated in anticipation of the strike which did not occur. Unemployment is at an extremely low figure and many industries are faced with a very real shortage of skilled labor. Predictions for 1966 are generally good but indicate that total output of certain industries may be somewhat lower than that of the current year. With the present high level of personal incomes, spending during this Christmas season should hit an all time record high. The stock market shows great strength indicating confidence on the part of investors. Profit margins in many lines are quite low but efforts by producers of both aluminum and copper to raise prices have met with Governmental disapproval and the producers, in both cases, have rescinded the increases. It remains to be seen how long such pressures can hold back a general rise in price levels when the pressures for increases are so great.

Asbestos—Raw Material.

Quebec asbestos fibre shipments for the Industry during October 1965 totalled 114,437 tons or 381 tons lower than the same period last year. Year to date shipments at 950,660 tons are running 34,225 tons or approximately 4% lower than those of 1964.

Asbestos—Manufactured Goods.

Asbestos Textiles. There is a strong demand for asbestos textiles and manufacturers are being pressed to meet deliveries. Recent price increases are now firmly established and are expected to be maintained. It appears certain that sales for 1965 will exceed the 1964 volume.

Asbestos Brake Lining. The present market situation for this material is good and this favorable condition is expected to continue during the next few months.

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Lighter color and uniform fibres mean lower cost and less scrap

Color shading need not be a problem in flooring tiles. Try Gold Bond Asbestos. The fibres are uniform in quality because we maintain a narrow color range. We exercise close color control within each shipment. This important advantage saves production time all along the line—from batch mix to quality inspection. Results in fewer rejects... requires fewer reworks.

So, whatever your asbestos needs, may we suggest that you check first with National Asbestos Mines Ltd., Thetford Mines, P.Q., Canada. Or write to National Gypsum Company, Buffalo, N. Y. 14202.

Gold Bond ASBESTOS FIBRES

NGC NATIONAL GYPSUM COMPANY

High Pressure Insulation. This market continues to be stable and should remain so for the coming months.

Asbestos-Cement Pipes. Business continues good although slowing down due to weather conditions. Prospects indicate a good volume of shipments for 1965.

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

IDCNA—The Tenth Annual National Meeting of the Insulation Distributor-Contractors National Association, Inc. was held at the Waldorf-Astoria Hotel in New York City, October 10th through 14th, 1965. It was the best attended meeting in the history of this national association of insulation contractors. The business sessions were called to order on Columbus Day, October 12th, by IDCNA President Dillard Breeding. Three morning sessions were held on October 12th, 13th and 14th. An announcement was made of the affiliation of the Associated Insulation Contractors of the Western States, thereby giving IDCNA national memberships coast to coast.

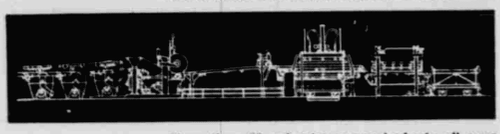
The first meeting of the IDCNA Board of Directors will be held at the Americana Hotel, Bal Harbour, Miami Beach, Florida, on Friday, February 25th, 1966.

JOHNS-MANVILLE CORPORATION's product display at the recent International Water Desalination Exposition was visited by U.S. Secretary of the Interior Stewart L. Udall. Secretary Udall was particularly interested in pipe which he felt was one of the keys to the ultimate application of desalinated water.

NFPA—The National Fire Protection Association will have its Technical Committee Week at the Statler-Hilton Hotel, New York City, January 17th through 21st, 1966.

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PRODUCTION

Canada—According to the Dominion Bureau of Statistics, Ottawa, production of asbestos in Canada during AUGUST 1965 amounted to 130,784 tons compared to 120,797 in August 1964. Total for the first eight months of 1965 was 805,338 compared to 837,505 for the same period in 1964.

Cyprus—According to the Ministry of Commerce & Industry, Nicosia, 8,214 short tons of asbestos were produced during the 3RD QUARTER 1965. July—2,824; August—2,651; and, September—2,739.

Rhodesia—The Ministry of Mines and Lands, Salisbury, has issued the following statistics on asbestos for SEPTEMBER 1965: Production 14,380.17 short tons, valued at £719,627.14.8.

Australia's mineral resources will be outlined in a reference publication shortly to be available from the Department of National Development, Canberra, entitled The Australian Mineral Industry: The Mineral Deposits, Bulletin 72. The 700-page book will deal with a mineral or group of minerals, list actual or potential deposits, and describe briefly the geology of more important occurrences.

Geologic Map of North America, the third of its kind in history to be produced at a scale of 80 miles to the inch, has been announced jointly by the U.S. Department of the Interior's Geological Survey and the Geological Society of America. Produced on two sheets, each 37 by 56 inches, and color-coded in more than 100 readily identifiable geologic units, the map covers the entire North American continent from the Arctic Islands to the northernmost part of South America, and from the Jan Mayen Land on the east to the tip of the Aleutian Islands on the west. It is available at U.S. $5 per set from the Geological Survey's Distribution Offices in Washington, D.C., Denver, Colorado, and Fairbanks, Alaska.

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ASBESTOS FIBRES

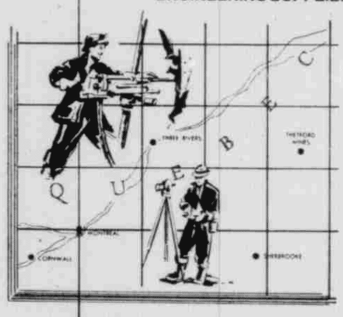
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IMPORTS & EXPORTS

Imports Into U.S.A.

(Figures by Bureau of the Census) — AUGUST 1965

Unmanufactured Asbestos: — Short Tons

Amosite, Crude, Republic of South Africa	1,068
United Kingdom	126
Crocidolite (Blue), Crude, Rep. of South Africa	2,811
Chrysotile, Crude, Canada	1
Portugal	959
Zambia, Southern Rhodesia & Malawi	570
Chrysotile Spinning Fibers, Canada	1,189
Zambia, Southern Rhodesia & Malawi	28
Chrysotile, Other, Canada	54,009
Finland	55
Zambia, Southern Rhodesia & Malawi	25
Asbestos, Other, Canada	3,022
Finland	39
	63,902

Valued at $6,045,083

Manufactured Asbestos Goods:	Pounds	Value
A-C Pipes, Tubes & Fittings	7,278,725	$324,573
Asbestos-Cement Articles, Other	893,835	105,544
Asbestos Yarn, Sliver, Rope, etc. & other	..	230,927
		$661,044

Exports From U.S.A.

(Figures by Bureau of the Census) — JUNE 1965

Unmanufactured Asbestos: — Short Tons

Crude & Spinning		Non-Spinning Fibers		Waste & Refuse	
Japan	21	India	1,719	Belgium	66
Mexico	1	Japan	426	Canada	42
Other Ctys.	4	Korea	50	Japan	1,151
	—	Mexico	55	Mexico	11
	26	Viet-nam	100	Viet-nam	100
		Other Ctys.	9	Other Ctys.	7
			2,359		1,377

Total Unmanufactured Asbestos—3,762 — Valued at—$511,074

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MINES AND MILL IN GILA COUNTY

Manufactured Asbestos Goods:		Net Qty	Value
A-C Shingles & Clapboard	Lb	497,401	$ 49,565
Other A-C or Fiber-Cement Items	Lb	348,660	64,960
Gaskets & Packing	Lb	275,126	402,006
Textiles & Yarns	Lb	83,968	80,282
Mfrs other than Friction Matls		..	308,505
Clutch Facings incl Linings	No	211,576	134,145
Brake Linings	Lb	442,391	310,873
			$1,350,336

JULY 1965

Unmanufactured Asbestos: Short Tons

Crude & Spinning		Non-Spinning Fibers		Waste & Refuse	
Italy	5	Canada	106	Belgium	33
Japan	10	India	734	Canada	82
Mexico	51	Japan	115	Japan	43
W. Germany	18	Korea	100	Korea	750
	—	Mexico	51	Mexico	5
	84	Netherlands	72	Netherlands	50
		U. Kingdom	29	U. Kingdom	30
		Viet-nam	211	Viet-nam	100
		W. Germany	6	W. Germany	7
		Other Ctys.	6	Other Ctys.	10
			1,430		1,110

Total Unmanufactured Asbestos—2,624 Valued at—$335,458

Manufactured Asbestos Goods:		Net Qty	Value
A-C Shingles & Clapboard	Lb	450,022	$ 64,225
Other A-C or Fiber-Cement Items	Lb	3,322,577	355,772
Gaskets & Packing	Lb	275,005	328,638
Textiles & Yarns	Lb	214,713	140,778
Mfrs other than Friction Matls		..	451,092
Clutch Facings incl Linings	No	186,514	135,510
Brake Linings	Lb	522,639	425,460
			$1,901,475

Cyprus Exports—The Ministry of Commerce & Industry, Nicosia, has issued the following asbestos export statistics for the 3RD QUARTER 1965 (in long tons): July—1,410, valued at £66,955; August—108, valued at £5,010; and, September—4,486, valued at £221,050 (total—6,004 long tons, valued at £293,015).

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Exports From Canada

(Published by Dominion Bureau of Statistics) JULY 1965

Unmanufactured Asbestos: Short Tons

	Crude	Milled	Shorts
United States	..	14,232	33,631
United Kingdom	..	7,318	6,181
South America	..	4,506	2,299
Central America & Mexico	..	4,430	153
Europe	51	14,172	9,466
Japan	3	3,099	4,258
Other Countries	..	8,414	1,502
	54	56,171	57,490

Total Unmanufactured Asbestos—113,715 Valued at—$13,650,442

Manufactured Asbestos Goods:

Asbestos Brake Linings & Facings	$ 35,362
Asbestos-Cement Building Materials	133,548
Asbestos Basic Products, Other	48,253
	$ 217,163

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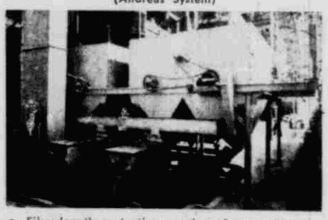
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INDUSTRY NEWS

HAPPY BIRTHDAY

F. A. H. Gallop, V.P.-Building Materials, Canadian Johns-Manville Co., Ltd., Port Credit, Ontario, Canada, November 20.
Andrew S. Halley, Senior Vice President, Fiberboard Paper Products Corporation, San Francisco, California, December 18.
John A. Paulson, Vice President, Asbestos Products, Inc., St. Paul, Minnesota, December 18.
George J. Pecaro, President & Chief Executive Officer, The Flintkote Company, New York City, December 20.
Harry C. Redstone, Vice President & Secretary, Asbestos Distributors, Inc., Port Chester, New York, December 20.
Edwin E. Hokin, President, Unarco Industries, Inc., Chicago, Illinois, December 21.
Robert L. Clark, Treasurer & Chairman, The Clark Asbestos Company, Cleveland, Ohio, December 22.
Donald G. Hamme, Director of Research and Development, National Gypsum Co., Research Center, Tonawanda, New York, December 24.
Joseph J. Kelly, Secretary-Treasurer, Western Asbestos Company, San Francisco, California, December 25.
J. C. McKendry, Jr., Vice President, Niagara Asbestos Company, Buffalo, New York, December 27.
M. J. Warnock, President, Armstrong Cork Company, Lancaster, Pennsylvania, December 28.
Fred A. Mett, President, Powhatan Mining Corporation, Baltimore, Maryland, December 29.
Philip S. Nash, Vice President, Unarco Industries, Inc., Chicago, Illinois, December 31.
Vincent W. Drumb, Industrial Relations Representative, The Ruberoid Co., New York City, January 2.
Robert G. Beldam, Chairman & Managing Director, Beldam Asbestos Co. Ltd., Lascar Works, Hounslow, England, January 3.
Stephen Derek Hungerford Pollen, Deputy Chairman, The Cape Asbestos Co. Ltd., London, England, January 4.
William L. Keady, Director, Fibreboard Paper Products Corporation, San Francisco, California, January 5.
Rupert St. George Riley, Director, The Cape Asbestos Company Limited, London, England, January 6.
M. E. McCrosson, Vice President—Textile Division, The Russell Manufacturing Co., Middletown, Connecticut, January 7.
Harold F. Lundby, Advertising Manager, The Ruberoid Co., New York City, January 8.
E. H. Wells, Vice President & General Manager, Packings & Friction Materials, Johns-Manville Corp, New York City, January 8 .

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

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Ruberoid—Frederick K. Sweeney, vice president and general manager, building and industrial products division, has announced that **William C. O'Brien** was named Vice President—Sales for The Ruberoid Co.'s Industrial Products Division, succeeding **Henry B. Hutten** who retired after a 32-year career with Ruberoid. In his new role, Mr. O'Brien assumes responsibility for sales of the company's extensive industrial product line that is spearheaded by its specialized automotive products. The line also includes asbestos papers, pipeline protectives, insulation cement, millboard and assorted high and medium temperature insulation specialties.

Carl H. Thede has been named General Sales Manager, Building Products Division, **The Ruberoid Co.,** it was announced by Joseph G. Hall, Vice President—Sales of the division. Mr. Thede, who had been New York district sales manager at South Bound Brook, New Jersey since 1962, succeeds Mr. O'Brien.

Cape Asbestos Group—C M. Fox, Secretary of The Cape Asbestos Company Limited announced that **C. E. H. Charlton** was appointed an additional Director of Small & Parkes Limited, a member of the Cape Asbestos Group of Companies.

U.A.M.—The Universal Asbestos Manufacturing Company Limited has appointed **R. A. W. Caine** its Deputy Chairman.



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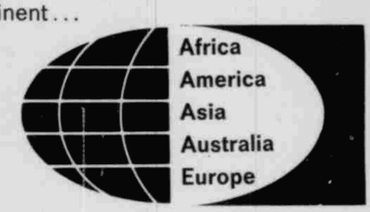
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(As of July 10, 1964)

No. 1 Crude	$1,410.00 to	$1,650.00
No. 2 Crude	610.00 to	900.00
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 January 1, 1965) Canadian Currency

Group No. 1 (Crude No. 1)	$ ..	$1,410.00
Group No. 2 (Crude No. 2, Run of the Mine Crude, Sundry Crudes)	640.00 to	875.00
Group No. 3 (Spinning Fibre)	345.00 to	565.00
Group No. 4 (Shingle Fibre)	190.00 to	320.00
Group No. 5 (Paper Fibre)	115.00 to	156.00
Group No. 6 (Waste, Stucco or Plaster)	..	95.00
Group No. 7 (Refuse or Shorts)	40.00 to	80.00

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

(As of January 1, 1965) Canadian Currency

AAA grade (non-ferrous spinning fibre)	$ 787.00
AA grade (non-ferrous spinning fibre)	625.00
A grade (non-ferrous spinning—Canadian Group 3)	470.00
AC grade (asbestos cement—Canadian Group 4)	325.00
AD grade (asbestos-cement—Canadian Group 4)	260.00
AK grade (shingle fibre—Canadian Group 4)	220.00
AS grade (shingle fibre—Canadian Group 4)	181.00
AX grade (shingle fibre—Canadian Group 5)	160.00
AY grade (shingle fibre—Canadian Group 5)	120.00

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

(As of January 10, 1965) U. S. Dollars

Group No. 3 (Spinning & Filtering)	$ 319.00 to	$ 370.00
Group No. 4 (Shingle Fibre)	176.00 to	296.00
Group No. 5 (Paper Fibre)	121.00 to	144.00
Group No. 6 (Waste, Stucco or Plaster)	.. to	88.00
Group No. 7 (Shorts & Floats)	40.50 to	75.00

asbestos

chrysotile, crocidolite and amosite fibres for:

Asbestos-Cement



Friction Materials







Insulation Materials

Asbestos Textiles

Turners Asbestos Fibres Ltd

Faulkner House, Faulkner Street, Manchester 1, England
Cables: VULBESTON, MANCHESTER. Telephone: CENtral 0334
Telex: 66560 *A Turner & Newall company*

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Carey—D. S. Bo·ma, Plant Manager of The Philip Carey Manufacturing Compa·y, has announced the appointment of **A. R. Melton** as Assista·: Plant Manager. Prior to joining Carey, Mr.Melton has had extensive engineering and production management experience.

J. W. Bartlett, Vice President, has been appointed as administrative head of **The Philip Carey Manufacturing Company's** Southern Sales Division comprised of the Atlanta, Memphis, Houston and St. Louis districts. This assignment is in addition to his present responsibilities as Vice President in charge of Carey's Midwest and Eastern Sales Divisions.

H. R. Palmer has been appointed Vice President-Corporate Development and will work with all divisions of **The Philip Carey Manufacturing Company** on matters involving corporate development and operational studies having to do with marketing and manufacturing.

W. J. Manion was appointed as Assistant Marketing Manager, Coatings, Plastics and Emulsions for **The Philip Carey Manufacturing Company.**

Frank Sauer, Jr. and **W. H. Sparker** have been appointed District Managers of the Detroit and New York regions by **The Philip Carey Manufacturing Company.** Also, **Clarence M. Brasher** was named Eastern Manager of national accounts.

National Gypsum Company has announced the promotion to Products Manager for metal and mineral acoustical products of **Hal A. Scrimshaw.** In his new position, Mr. Scrimshaw will be responsible for the marketing, quality and new product development of all metal and mineral acoustical products.

Canadian J-M—H. K. Conn, Exploration Manager of Canadian Johns-Manville Company Limited, Asbestos Fibre Division, has announced that **R. C. Munro** has been promoted to Chief Geologist of the company.

Certain-teed Products Corporation's Merchandising Manager of roofing and siding, **Millard F. Brown,** is retiring. Mr. Brown joined the company while a student at the School of Commerce, Atlanta, Georgia, 47 years ago.

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Apr 2....Gemini Uses J-M Insulation

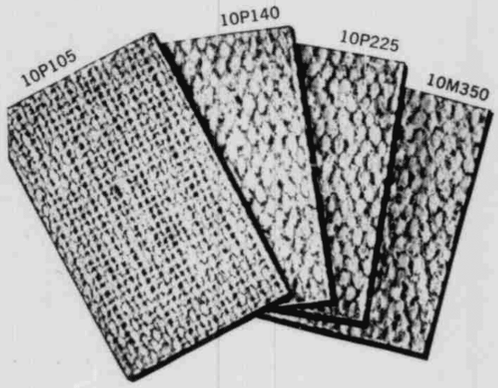
Milling Asbestos
Jul 16....Automatic Mill Control System

Mining Asbestos
Jun 2....Ground Support in Asbestos Mines
Aug 2....Asbestos Mining Systems

Paper
Jun 14....Nicolet Pilot Plant

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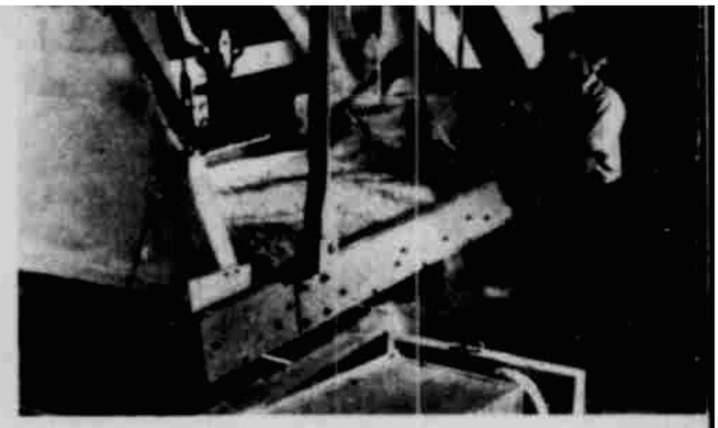
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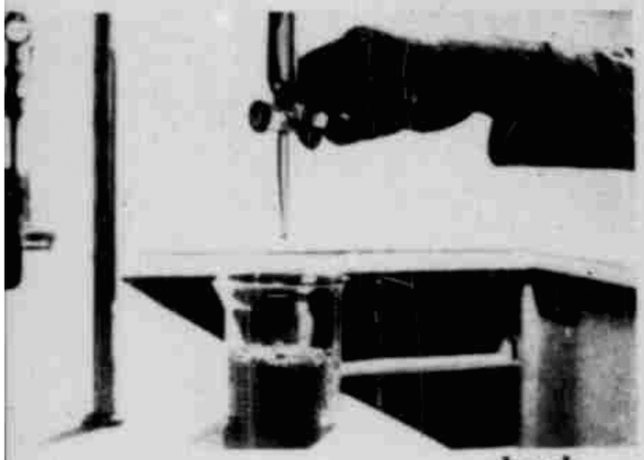
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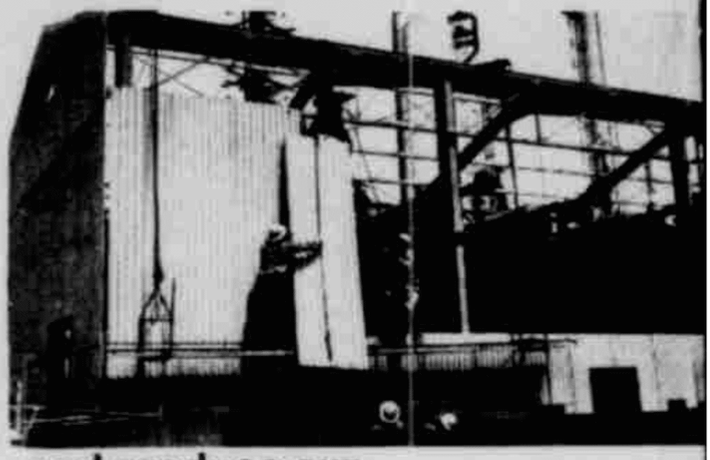
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