

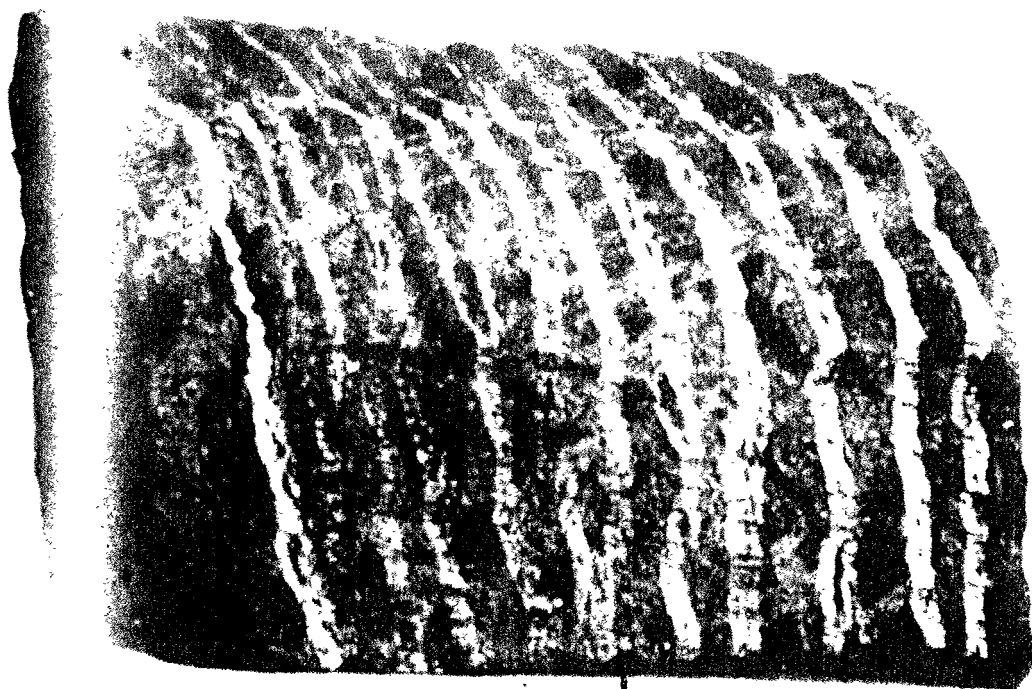
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"ASBESTOS"

SBESTOS



SEPTEMBER - 1946



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Providence, R. I.	189 Ontario St.
San Francisco, Calif.	625 Market St.

RAYBESTOS-MANHATTAN, INC.

Asbestos Textile & Packing Division

Manheim, Pa.

North Charleston, S. C.

"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE

BY SECRETARIAL SERVICE

17th FLOOR INQUIRER BUILDING
PHILADELPHIA, 30, PENNSYLVANIA

Estate of C. J. STOVER, Proprietor

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SUBSCRIPTION PRICE

UNITED STATES	\$2.00 PER YEAR
CANADA	3.00 " "
FOREIGN COUNTRIES	3.00 " "
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ASBESTOS MILL AT WITTENOOM, AUSTRALIA



The asbestos mill erected by the Australian Blue Asbestos Ltd., at Wittenoom, Western Australia, is completed and fibres are being produced and marketed by the Colonial Sugar Refining Co. Limited, Building Materials Division.

The erection of the mill in such an isolated locality as Wittenoom, and the development of the underground mine there, is a very interesting story.

Wittenoom is about 250 miles inland from Roebourne, the nearest town on the coast of Western Australia, which, in turn, is approximately 1,000 miles north of Perth. A steamer service operates up the coast of Western Australia but because of the military activity at the time the mill was built, and the fact that ships were scheduled to run only each four weeks, it was practically impossible to transport the necessary machinery, building materials, etc., to Wittenoom, by steamer. The nearest railway is about 600 miles from Wittenoom at Meekatharra, which means that to bring material by this route from Perth involved a journey of 600 miles by rail and then 600 miles by road. Roads are naturally very poor in this outback district and in fact a shower of rain can make the road quite impassable.

Consequently it was necessary to transport much of the equipment required for the mill by air from Perth. Workmen are almost invariably transported by air to the mill and mine, from Perth—a distance of 1,000 miles, and



PHOTO-COURTESY OF STATE OF VERMONT

Vermont for hunting ...and *Asbestos*

• When autumn comes, ruffed grouse whirl across upland fields...and hills echo to the blast of guns...turning Vermont into a happy hunting ground.

Vermont also makes an outstanding contribution to modern industry by providing asbestos fibers from the largest operating asbestos mine in the United States.

VERMONT ASBESTOS MINES

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an aerodrome (airport) has been constructed within a few miles of the plant.

A settlement has been formed a short distance from the mill in a pleasant section of Wittenoom Gorge and already consists of a number of houses for married workmen and staff, and barracks for single employees. Each house is well insulated against tropical heat by the use of Cane-ite wallboard for walls and ceilings, this being a wallboard made by the C. S. R. Co. Ltd., Building Materials Division at its factory at Sydney, N. S. W. This material is not affected by the white ants so prevalent and troublesome in that section of Western Australia.

For mining purposes over 1,000 feet of tunnels have already been constructed in the side of the cliffs in which the asbestos ore is obtained. The rock from the mine is divided roughly by inspection into barren rock and ore and the ore is trucked to the mill bin. In the mill the rock is passed thru a series of rock crushing units, dust and grit being screened out at each stage and the separation of asbestos from the broken rock is then achieved by having air suction hoods mounted above shaker type screens to suck the fibre away from the rock.

Three grades of asbestos are produced, the No. 1 and No. 2 requiring long fibre, while grade No. 3 is for the manufacture of materials such as asbestos-cement and for other purposes where fibre not exceeding $\frac{1}{2}$ " in length is suitable.

The Colonial Sugar Refining Company Limited, 1-7 O'Connell Street, Sydney, Australia, are the Managing Agents for Australian Blue Asbestos Limited. The assets of the Company are £27,000,000. The Building Materials Division of the Colonial Sugar Refining Company Limited, which markets the Blue Asbestos, also manufactures and markets Cane-ite Cane Fibre Insulating Board, Acoustic Tiles, Asbestos Cement Products, Gypsum Plaster, and has just completed a plant to manufacture Gypsum Board. A plant to manufacture Hardboard is nearing completion and three other plants to manufacture various building materials are in the course of construction.

The Colonial Sugar Refining Company Ltd. is wholly

UNION ASBESTOS
MEANS PROGRESS IN INSULATION
AND RUBBER CO.

I N S U L A T I O N ,
FOR MARINE, RAILROAD,
AVIATION AND INDUSTRIAL USE



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WERE EARNED BY
UNION ASBESTOS & RUBBER COMPANY
AT THE
CICERO, ILLINOIS and PATERSON, N. J. PLANTS

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...an American company. It has recently signed a contract with the Emeryville International Corporation, the latter being the sole selling agent for Australian Blue Asbestos in the United States, Canada, Mexico and Central and South America.

Editor's Note. The photograph at top of article shows the rugged walls of Whitcomb Gorge at the foot of which (center) is the asbestos mill.

ASBESTOS PANS

A pan made of asbestos-cement is suspended on the ends of expanded steel (or concrete) joists, facilitating the construction of poured concrete floors and thus requiring no wood forming, no elaborate fasteners. Left in place, they become part of the structure and provide better than average appearance for basement ceilings. Raising ducts and spaces for conduits and pipes are readily created by laying flat asbestos sheets under a row of pans. Just an ingenious idea. The "pans" must be *formed*, of course.

THE UTOPIAN PAST—(Continued from Page 3)

young and fearless; they have a lot of obstacles to overcome and they know it, but never does the future daunt them.

These *are* troublous times—we must do our best to cope with them efficiently. Strikes—we must find some way to prevent them. Peace—we must see that it is kept. Security, in spite of atomic bombs and other fear-inspiring developments—that is a problem to be wisely dealt with and solved.

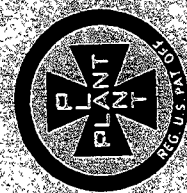
In fact, there is just as much research work to be done on sociological problems as on atomic matters and industrial progress. Such problems can be solved but it takes time and study. Trial and error—err and try again!

No time to look back—we must hurry forward.

WANTED—TO PURCHASE

Asbestos Pipe Covering. Winder required. New or used. State price, capacity, condition. Address Box 14-A-M, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila. 30, Pa.

"ASBESTOS"—September 1946



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