(ISSN 0004-4237)

October 1978

ASBESTOS

Devoted to the International Asbestos Industry

—FEATURING—

WHEELER PROTECTIVE CLOTHING



Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/1



We're betting $77 million on the future of Asbestos. And that's just a beginning!

A Johns-Manville 3-stage, 5-year plan to develop its facilities at Asbestos, Quebec, will insure an annual output of 700,000 short tons of asbestos over the next 20 years and an additional 20 years at an annual rate of 500,000 to 600,000 tons.

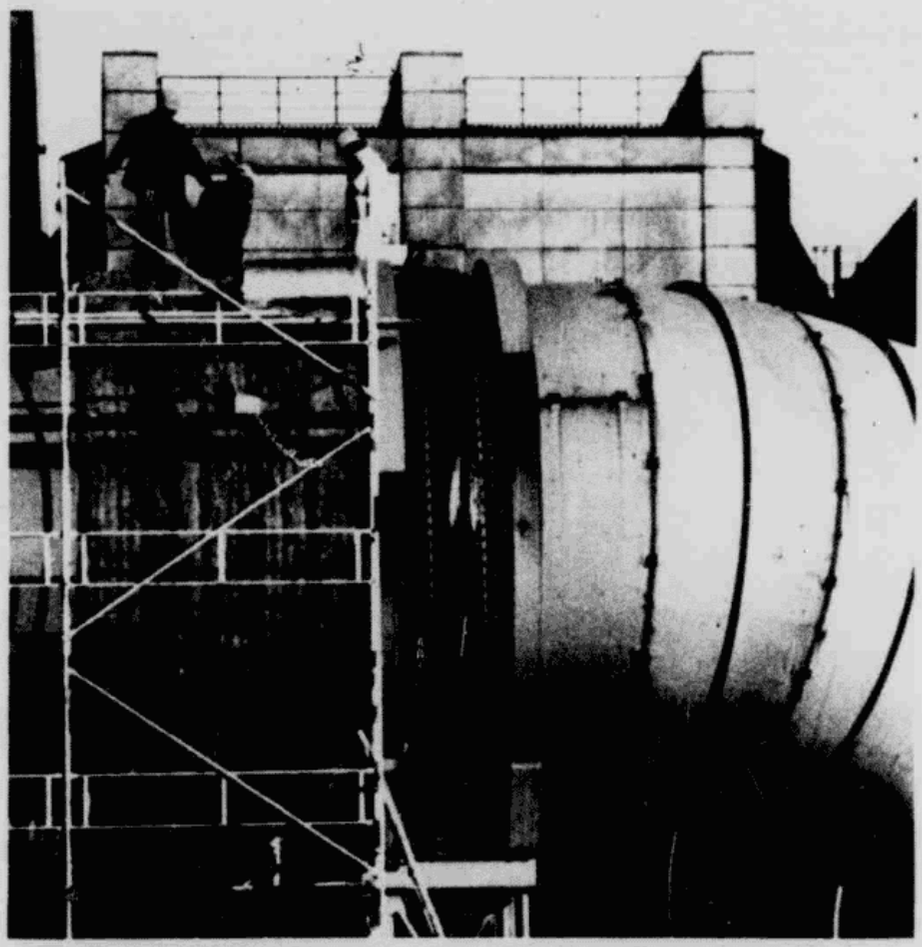
Vital as this commitment is, it is only part of what's needed to insure the future of our industry. The truth about asbestos must be told — factually, widely, and repeatedly.

That's why we're investing heavily in a full-scale program of advertising appearing regularly in *Business Week*. The ads are full pages, in four color. And while the advertising investment is not nearly as large as that committed to our plant, it is in many ways just as important.

Do we believe in the future of asbestos? $77 million says we do.

Johns-Manville

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/2



FRENZELIT AKG Fabric Compensators
are expansion joints with a wide range of applications.

They are used in
plant construction
flue gas ducts
extractor ducts
ventilation and air extraction systems etc.

We have been supplying this specialised product for decades to most parts of the world. Ask for a list of our agencies

Frenzelit Asbestwerke

D-8582 Bad Berneck

We also supply:
Jointing and insulation materials such as asbestos sheeting, asbestos paper, compressed asbestos (it-material). Special yarns for the friction lining industry and other woven products.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/3

moulds' quality test

Surface test with regard to hardness, wear-resistance, adherence and form-retaining.



We dispose of a set of procedures which make it possible to check the profiled moulds with regard to their surface finish (hardness, wear-resistence and adherence) and form-retaining. This guarantees moulds of constant good quality.

THYSSEN

D-4800 Bielefeld 14 · Germany
P.O. Box 140810 · Tel. 0521/44721
Telex 937333 tub

THYSSEN UMFORMTECHNIK
Werk Brackwede

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/4

ASBESTOS

Kilborn has provided consulting services on over twenty asbestos project assignments throughout the world.

Project services include fibre evaluations, feasibility reports, market studies, pilot plant design and operation, process design, detailed engineering, procurement and construction management.

KILBORN LIMITED
36 PARK LAWN ROAD
TORONTO, CANADA TEL: (416) 252-5311

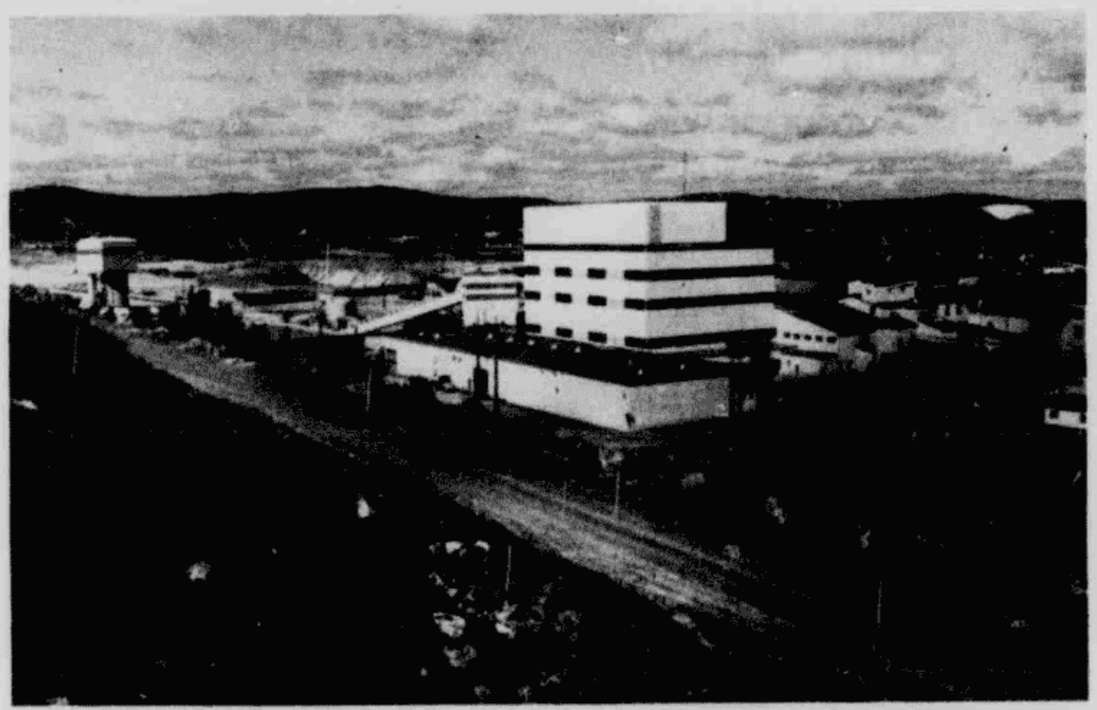
KILBORN ENGINEERING (B.C.) LTD.
1199 WEST PENDER STREET
VANCOUVER, CANADA TEL: (604) 669-8811

KILBORN (QUE.) LTEE
1000 RUE DE SERIGNY
MONTREAL, LONGUEUIL, CANADA
TEL: (514) 670-9500

KILBORN

BELL
ASBESTOS MINES, LTD.

Producer of all grades of
chrysotile asbestos fibres.



We are undertaking a second century of continued service
to the asbestos manufacturing industry.

BELL ASBESTOS MINES, LTD.
THETFORD MINES, QUEBEC, CANADA
P.O. BOX 99 - TEL.. (418) 335-9166
INT. TX. NO. 05-834512 - CABLE: BELLASBEST

ASBESTOS

VOLUME 60 **OCTOBER 1978** **NUMBER 4**

FOUNDED JULY 1919 AND PUBLISHED MONTHLY SINCE THAT DATE

CONTENTS

WHEELER PROTECTIVE CLOTHING 6
WELCOME TO NEW ADVERTISERS 9
COMPANY/PRODUCT NEWS 12
MATERIALS HANDLING EQUIPMENT 16
DUST CONTROL TECHNIQUES 22
MARKET CONDITIONS: GENERAL BUSINESS 28
PRODUCTION—IMPORTS—EXPORTS 30
CURRENT ASBESTOS PRICES 38
THE INTERNATIONAL MINING SCENE 40
1978 SEMI-ANNUAL REPORTS 44
ASBESTOS STOCK QUOTATIONS 46
NEW TRADE ASSOCIATION LEADERS 48
BIRTHDAY GREETINGS 50
VALUABLE LITERATURE 52
CALENDAR OF EVENTS 58

Microfilms of back issues may be obtained from University Microfilms International, 300 North Zeeb Road, Ann Arbor, Michigan 48106

PROPRIETOR: Stover Publishing Company
EDITOR: Doris M. Fagan PUBLISHER: Carrell J. Stover

Copyright 1978 Stover Publishing Company
Second Class Postage Paid at Willow Grove, Pennsylvania, U.S.A.

SUBSCRIPTION RATES: United States—$5.00 per year; All Other Countries—$6.00 per year; Single Copies—$1.00 each; Payments with orders in U.S. Funds on a U.S. Bank to ASBESTOS, 131 North York Road, P. O. Box 471, Willow Grove, Pennsylvania 19090; Telephone—215-659-0134. POSTMASTER: Send address changes to ASBESTOS, P.O. Box 471, Willow Grove, Pennsylvania 19090.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 7 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/7

WHEELER PROTECTIVE CLOTHING

Built-in quality best describes the line of safety clothing which has been made for the last 60 years by Wheeler Protective Apparel, Inc., Chicago, Illinois. President of the company is H. L. Wheeler, grandson of F. H. Wheeler who in 1913 was a founding partner of the original firm, Wheeler Hoicomb Company. E. L. Wheeler, the father, handled the business from 1918 as the F. H. Wheeler Manufacturing Company. The present company name came in 1947 when H. L. Wheeler joined the business. Thus three generations of the Wheeler family have successfully guided the quality reputation and steady growth of the organization.

Carefully marked patterns allow efficient, accurate fabric cut.



Originally a maker of leggings and gloves, Wheeler now manufactures a broad range of safety apparel in several styles, colors, sizes and fabrics for protection against chemicals, gases, heat, fire, abrasion, impact and lacerations. In addition, the company stocks for resale such other products as personal air supplies, boots, shoes and lifelines.

Wheeler gloves and mittens are fashioned from asbestos textiles, aluminized fabrics, leather, duck and fire-resistant twills in over 50 styles and types for various applications. The famous Wheeler-Weave is a herringbone-weave, asbestos fabric supplied by Southern Asbestos Company, Charlotte, North Carolina, in

THE COVER: The photograph on the left pictures a worker attaching snap closures, part of the Wheeler fabricating operation. The print on the right shows a stack of Southern's Gardian asbestos fabric in Wheeler Green, ready for the cutting operation. Note the pattern marked on the top layer of material.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 8 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/8

Wheeler-Green, which is a trademark color available nowhere else. Basket-weave asbestos textiles in white or Wheeler Green are used for blankets, curtains, jackets, pants, leggings, spats and other safety clothing. Wheeler uses only Underwriters' Grade asbestos cloth which is about 80% asbestos and about 20% cotton or synthetic filled.

Pattern-cut stacks of Wheeler-Weave textiles—first step in fabrication.



Continued revisions, new designs and improvements have resulted in a growing market for Wheeler products, which are sold nationally through safety equipment distributors. Because the rate of growth of the company is exceeding the planned 15%, a major expansion program is now underway at the existing plant in Chicago.

President Wheeler has advised this Magazine that in 1918, when the company began working with asbestos textiles, the material was full of lint and difficult to work with because it unraveled easily. The latter problem was greatly alleviated in 1929 when Wheeler began starching every roll of its textile materials. In the late 1940's, Southern Asbestos developed a special treatment called Flamegard which solved most of Wheeler's problems. It lessened the amount of lint that emanated from the material, it reduced unraveling to a major degree and it added fire resistance to the filler material. Southern's Flamegard treatment also improved wear and tensile strength and enhanced the appearance of the cloth, i.e., from a dirty-gray color to snowy white.

Mr. Wheeler went on to describe a revolutionary change which took place in 1951 when the 3M Company (The Minnesota Mining and Manufacturing Company) developed an aluminized coating,

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 9 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/9

Wheeler-Weave Gardian fabric is sewn into safety garments.



suitable for applying to several materials including asbestos. Although untreated asbestos materials had excellent heat resistance, they would absorb water and chemicals and lacked reflectivity. Further, most safety clothing manufacturers used a quite heavy, 2.5# weight cloth. Believing that a lighter weight material would be sufficiently protective if aluminized, Wheeler was one of the first companies to produce a "tropic weight" aluminized asbestos cloth, a product which is one of the most popular heat-resistant fabrics on the market today. Not only is the clothing light in weight, it also reflects over 90% of the radiant heat away from the body. In addition, aluminized asbestos cloth resists water and chemicals and wears longer than the conventional, untreated product. Practically all asbestos safety clothing is now made of aluminized cloth except for certain gloves, mittens and blankets. Most aluminized fabrics are currently being purchased from the Gentex Corporation, 3M having pretty much dropped out of the business although it still applies the aluminized coating to its own products and still sells transfer film to firms having heat box machines.

Handwork at Wheeler ensures a quality product.



Asbestos cloth has performed outstandingly in protecting the worker from serious injury or death. It is used primarily in heavy

industries because of its excellent resistance to molten metal splashes, sparks and flames.

Speaking about the OSHA Asbestos Standard, Mr. Wheeler says there is little to no danger when using his company's asbestos protective clothing as the fiber is bound into the tightly-woven finished fabric. Further, he states, Southern Asbestos' latest techniques of applying the Cleangard process to its asbestos textile line has greatly improved the quality of the cloth and handling it properly allows the user to stay in compliance with OSHA regulations. Wheeler uses only Cleangard asbestos cloth in its special green color and, surprisingly enough, the green dye actually reduces linting even further. Wheeler's principal supplier of asbestos cloth has always been Southern Asbestos and Mr. Wheeler believes his is one of the few companies in the United States which has bought Southern's top of the line of Underwriters' Grade Herringbone-Weave Cloth for so many years.

Wheeler Protective Apparel, Inc., is one of the oldest firms in the business and has established itself as one of the highest-quality houses in the safety clothing trade.

[Based in part on an article which appeared in RE:PORTER, a publication of H. K. Porter Company, Inc., Pittsburgh, Pennsylvania. Photographs were supplied by Southern Asbestos Company, Charlotte, North Carolina.]

— NEXT ISSUE —

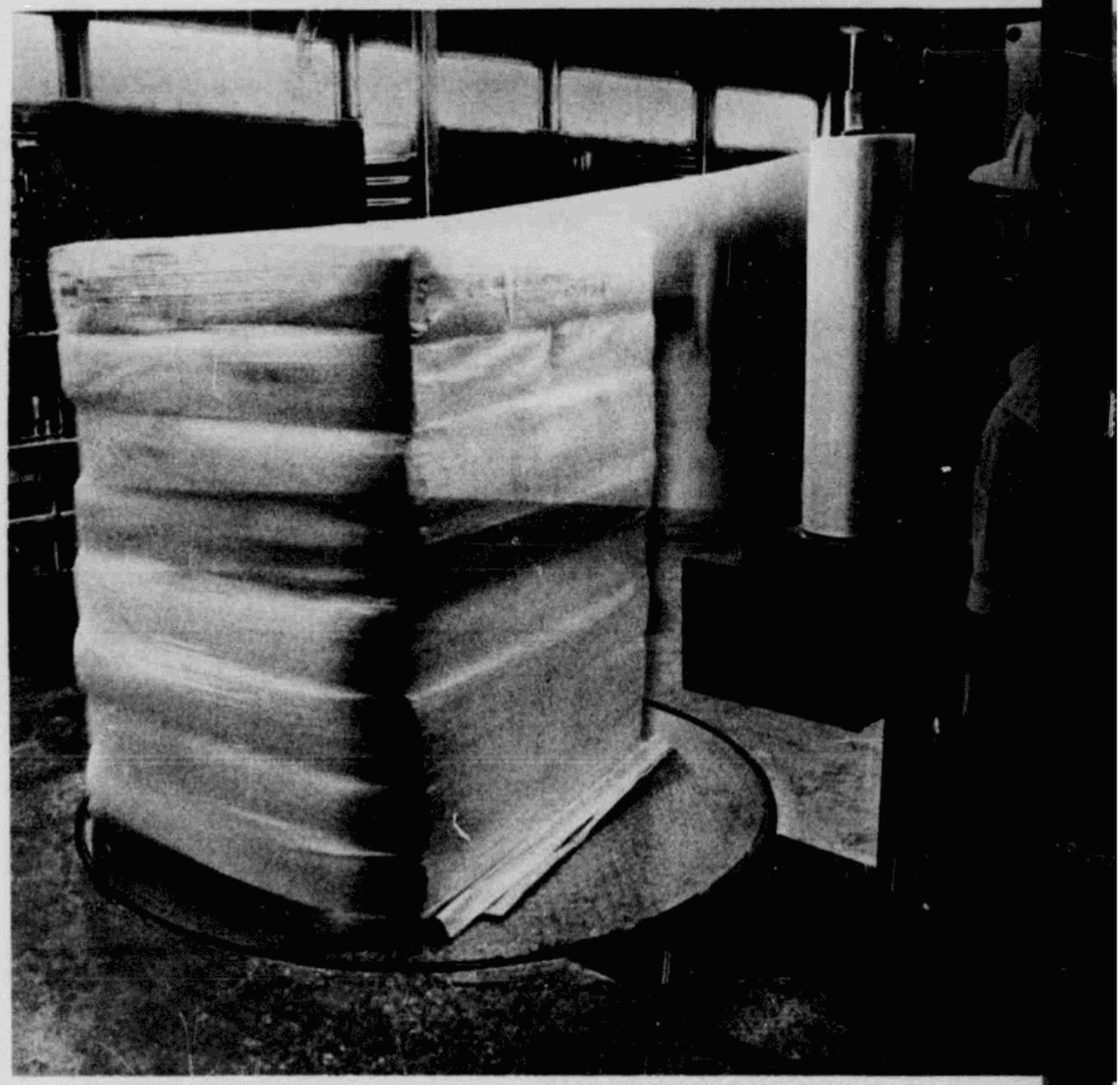
The new mill complex at the Pomfret Asbestos Mine, Northern Cape Province, Republic of South Africa. Pomfret is a Crocidolite (Blue) operation of Cape Asbestos South Africa (Pty) Ltd., a subsidiary company of Cape Industries Ltd., London, England.

— WELCOME TO NEW ADVERTISERS —

E. D. Bullard Company, Sausalito, California; page 21
Racal Airstream Inc., Rockville, Maryland; page 25

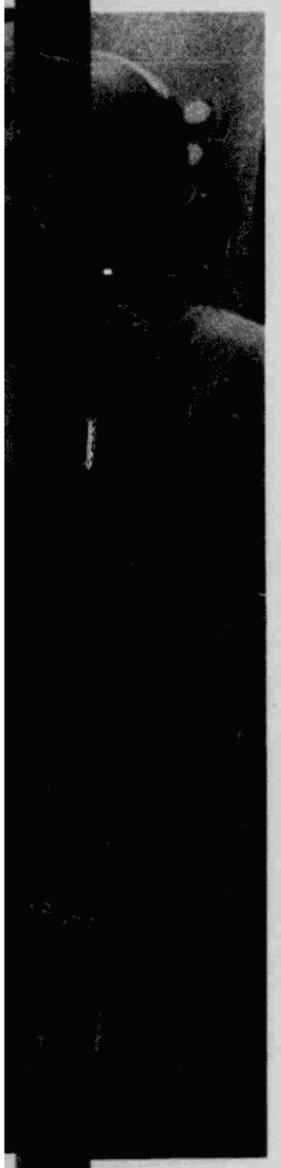
Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 11 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/11

Stretch protects against and related



Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 12 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/12

wrapping broken bags dust problems.



Lake Asbestos now supplies two-ton units of asbestos fiber consisting of forty 100-lb. bags completely stretch wrapped in a tough polyethylene film. This protective wrapping virtually eliminates bag damage:

- During car loading and unloading
- During transit
- In storage and in-plant handling

Stretch wrapping is your best assurance that shipments will arrive damage and dust free. It also reduces unloading expense and helps control dust problems in your operation. It's available for a very nominal charge.

Stretch wrapping is evidence of Lake Asbestos' concern for its customers and the environment. For details contact Lake Asbestos of Quebec, Ltd., Black Lake, Quebec, Canada. Tel.: 418-423-4221. Or call a representative near you.

LAKE ASBESTOS

A subsidiary of ASARCO

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/13

COMPANY/PRODUCT NEWS

DURABLA GASKET LITERATURE

Durabla Manufacturing Company, Strafford-Wayne, Pennsylvania, has issued a two-color brochure which describes its compressed asbestos gasket material. In the business over 65 years, Durabla makes the material in a modern plant to exacting standards resulting in high density, a homogeneous combination of asbestos and rubber, and close gauge tolerances. Tests for consistent product quality are made on a daily basis. Durabla gasket material is made to one formula and is designed to provide an effective sealant over a wide range of temperatures, pressures and corrosive media. In industrial complexes with a variety of services, use of this one material can facilitate a reduction of inventory and diminish the danger of a wrong application, says the company. According to the brochure, the Durabla product is a universal high-pressure, high-temperature sealing gasket material with a maximum obtainable gas tightness surpassing that of many metal gaskets, even when used for applications involving high vacuum and volatile gases.

PORTER EXPANDS THERMOID HOSE PLANT

H. K. Porter Company, Inc., Thermoid Division, announced a multi-million dollar expansion program for its Flex Strength rubber hose manufacturing facility at Bellefontaine, Ohio. The project, which begins immediately, will add new and specially-designed equipment to accommodate several process innovations and will increase manufacturing capacity by 33%—to over 200-million feet of hose per year. When required to meet customer emergencies, manufacturing start-up can be faster than before and shipping of such orders can be done within three hours. Another part of the expansion will be a 60% increase in finished goods warehouse capacity through new construction and modern material handling equipment.

TAC DUST SUPPRESSANT TREATMENT

TAC Construction Materials Ltd., Manchester, England, *a Turner & Newall company,* has researched and developed a dust suppressant treatment which is being applied to all Sindanyo CS51 cut parts and machined components. The treatment, based on a

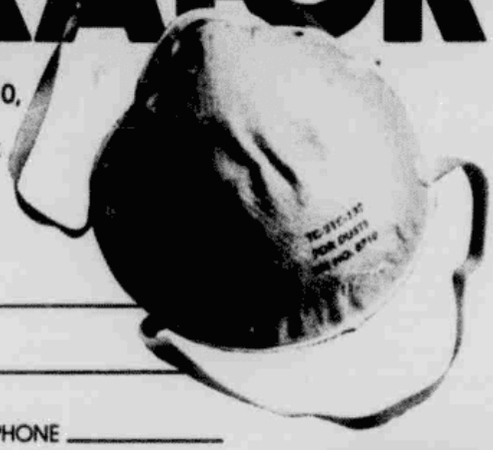
Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 14 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/14

Tear out this page for lightweight respiratory protection.

Maintenance-free protection that provides clear vision and cool, easy breathing.

Tear it out now for a sample of 3M's NIOSH/MESA approved

ASBESTOS RESPIRATOR



For details on the 3M Brand Dust Respirator 8710, use this coupon or write Occupational Health and Safety Products Div., 3M Company, P.O. Box 8327, Dept. B4, St. Paul, MN 55113. Literature will be sent promptly and a sales representative with a sample will call for an appointment.

NAME _____

TITLE _____

ADDRESS _____ PHONE _____

CITY _____ STATE _____ ZIP _____

ANOTHER STEP TOWARDS BETTER OCCUPATIONAL HEALTH AND SAFETY

3M COMPANY

cellulosic compound and applied by dip coating, minimizes dust problems when handling or assembling components machined from Sindanyo electric arc and heat-resisting, asbestos-cement boards. Laboratory tests have shown that the mechanical, thermal and electrical properties of the boards are unaffected by the treatment and there is no reduction in anti-tracking values. Thermal degradation induces a barely detectable color change with no release of noxious fumes. The treatment is free and is applied to all orders unless untreated parts are specifically requested. Sindanyo asbestos-cement boards have a high fiber content (50%) and a high density (1.86 g/cm^3).

TEXEL ENLARGES DURAFAB PLANT

Texel Industries, Inc., manufacturer of Durafab Disposable protective garments and dust control products, is increasing the capacity of its plant at Cleburne, Texas. Completion of the expansion project will enable the company to meet market demands expected during the 1980's. The firm's line of protective clothing includes coveralls, shirts, pants, laboratory coats, smocks and accessories. These garments are sold under the Durafab Hazard/Guard brand name.

LONE STAR/KEYSTONE AGREEMENT

Lone Star Industries, Inc., Greenwich, Connecticut, and *Keystone Portland Cement Company*, Allentown, Pennsylvania, have reached an agreement in principle for the purchase by Lone Star of the assets of Keystone. The agreement is subject to approval by the Boards of Directors of both companies and by a majority of the Keystone shareholders. Lone Star is a major cement producer and a distributor of building materials.

RESTRICTIVE BUSINESS PRACTICES

Canada's *Organization for Economic Cooperation and Development* has published a report titled "Restrictive Business Practices of Multinational Enterprises." The three chapters of the report are concerned with an economic analysis of the effects multinational enterprises have on competition, the possibilities of applying restrictive business legislation to the activities of multinational enterprises, and possible solutions to the problems created by these anti-competitive activities.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 16 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/16



Ask *your* Albany Canada Sales Representative about sheet machine performance and how to save time and money!

albany canada

DIVISION OF ALBANY FELT CO. OF CANADA LTD.
Cowansville, Quebec, Canada

MATERIALS HANDLING EQUIPMENT

VIBRA SCREW BIN ACTIVATORS

From a materials handling point of view, *Tremco Manufacturing Company's new plant* at Barbourville, Kentucky, is a model installation. As a leading producer of protective coatings, sealants and weatherproofing products for building construction and maintenance, Tremco employs a sophisticated processing system in which many materials have to be handled. The various materials used at Tremco, including asbestos, calcium carbonate, hydrated lime and certain clays, are bulk-stored in nine different silos. These materials all have poor flow characteristics. To provide positive discharge of all materials, Tremco installed nine Vibra Screw Bin Activators. Flexibly attached to the enlarged opening of the storage bin, the units employ controlled vibration to provide an uninterrupted flow of material from storage. An oil-lubricated gyrator vibrates the unit and the contained material, but not the bin. An internal baffle directs vibrations high into the bin to discourage overhead bridging while relieving headload from the outlet. The unique dished-head design avoids wedging of material and provides positive discharge with a minimum of energy consumption. Stored material is discharged to screw conveyors and then delivered to a scale hopper. The Bin Activator is a product of *Vibra Screw Inc.*, Totowa, New Jersey.

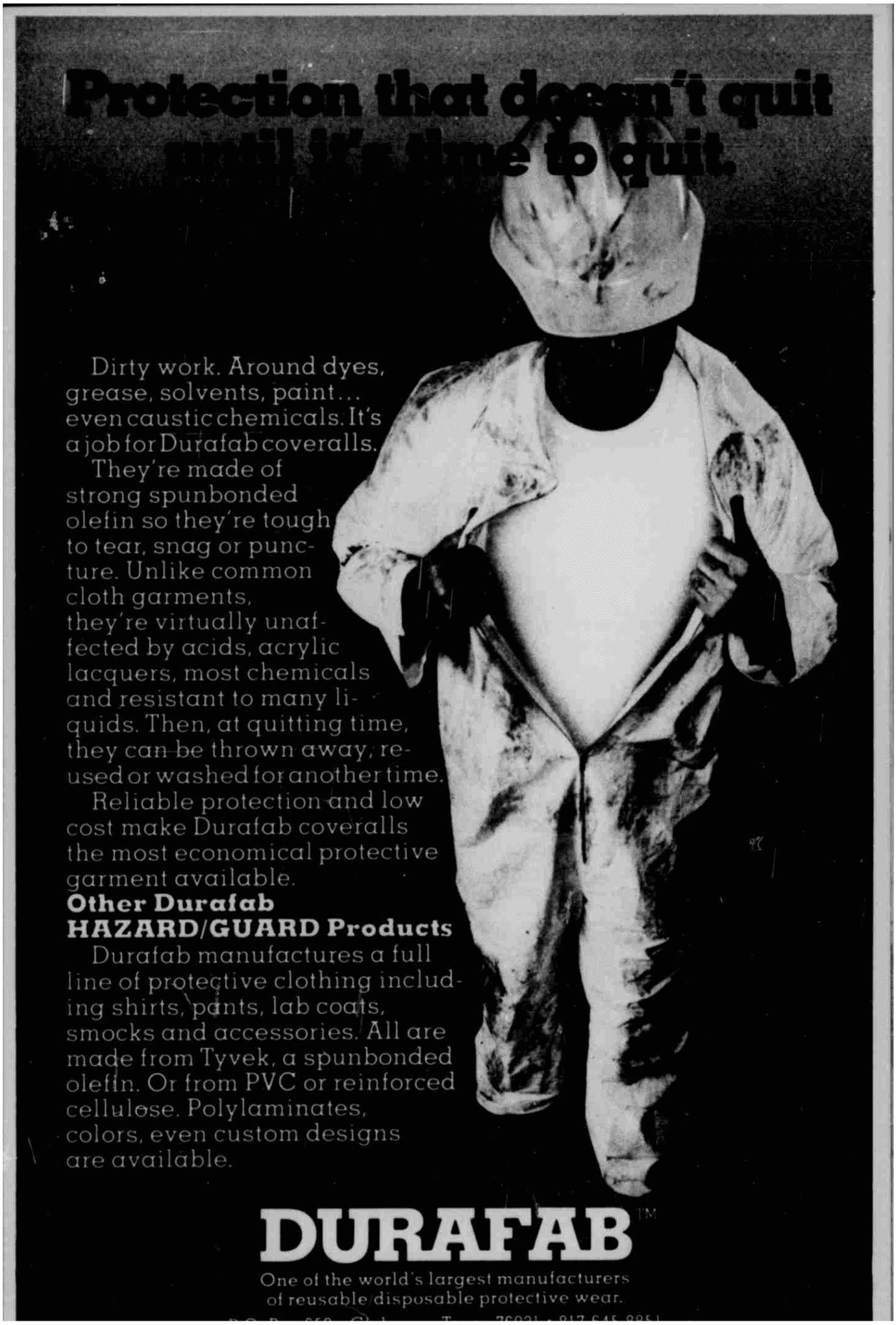
DELTECH COMPRESSED AIR DRYERS

Deltech Engineering, Inc., New Castle, Delaware, announced publication of a portfolio of technical information on its compressed air dryers. It contains specifications on refrigerated, heatless desiccant and heat pump dryers, a selection guide with data on how the environment affects initial selection, and how to determine the correct pressure dew point range.

HUMBOLDT NOW IN THE STATES

A full line of impact and cone crushers, non-rotating, fine grinding mills and vibratory screens is now available in North America from *Humboldt Wedag USA*, Atlanta, Georgia, a division of *Deutz Corporation.* The machines are made by *KHD, Industrieanlagen AG*, Cologne, Germany, and have been thoroughly field-tested in leading European processing plants. Among the equipment available are the Palla Mill, a high-efficiency, non-rotating, fine grinding mill; the Calibrator, a cone crusher which has low headroom and accepts feed sizes from 25mm to 400mm; PEG, PEF and PEH-

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 18 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/18


Protection that doesn't quit until it's time to quit.
Dirty work. Around dyes, grease, solvents, paint... even caustic chemicals. It's a job for Durafab coveralls.
They're made of strong spunbonded olefin so they're tough to tear, snag or puncture. Unlike common cloth garments, they're virtually unaffected by acids, acrylic lacquers, most chemicals and resistant to many liquids. Then, at quitting time, they can be thrown away, reused or washed for another time.
Reliable protection and low cost make Durafab coveralls the most economical protective garment available.
Other Durafab HAZARD/GUARD Products
Durafab manufactures a full line of protective clothing including shirts, pants, lab coats, smocks and accessories. All are made from Tyvek, a spunbonded olefin. Or from PVC or reinforced cellulose. Polylaminates, colors, even custom designs are available.
DURAFAB™
One of the world's largest manufacturers of reusable disposable protective wear.

Hardopact impact crushers which utilize the latest in wear-resistant metallurgy and multi-crushing chamber design; and USK and USL horizontal and inclined mechanically vibrated screens which use the module concept of vibrating mechanisms.

MOTOROLA MOISTURE ANALYZER

Motorola Process Control, Inc., Phoenix, Arizona, a subsidiary of *Motorola Inc.*, introduced the Compu-Trac, a new moisture analyzer which determines the moisture content of organic and inorganic materials with great convenience and accuracy. Completely automatic in operation, it can test materials with moisture content from 0% to 100%. When the sample has been dried to 0% moisture, the final reading is displayed and the instrument automatically shuts off and informs the operator the test is completed. Material to be tested with moisture content of 5% to 20% will normally have final results displayed within 7 to 10 minutes. Material with moisture content of 70% or above requires a longer drying cycle to reach 0% moisture, normally about 30 minutes. Accuracy is guaranteed to ± 0.1% moisture.

CYCLONAIRE DEVELOPS CONTROL UNITS

Cyclonaire Corporation, Henderson, Nebraska, is offering programmable microprocessors with its line of pneumatic bulk conveying systems. The newly-developed control units provide maximum automation in scaling and batching applications where critical weight control of one or more ingredients is required. The microprocessors, which can be quickly reprogrammed in the field, can be interfaced with peripheral printers, digital displays and CRT terminals.

SIEGLING INTERWEAVE PVC BELTING

A new Transilon conveyor belt of interwoven polyvinyl-chloride specially designed to be marketed at an extremely competitive price has been introduced recently by *Siegling America, Inc.*, Englewood, New Jersey. By formulating the carcass with the highest quality polyester, the belt has been made stretch and rot free and laterally stable, giving it excellent tracking qualities. The belting can be installed on slider beds or rollers and its extremely tough carrying surface can handle brick, tile, wood and polyurethane foam.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 20 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/20

— Machinery for asbestos-cement since 1912, therefore take advantage of our experience.

— Complete plants with high capacity for corrugated and flat sheets, flat pressed and coloured sheets.

— Production of special sheets up to 9 mt length.

— Auxiliary machines for special sheet profiles.

— Complete plants with high production for pressure and sewage pipes.

— Special plants for preparation of wet and dry Asbestos.

— Machines for finishing pipes.

— Complete projects, know-how, technical assistance for sheet and pipe lines.

BAZZI

Officine Meccaniche

BAZZI G. & L. s.n.c.

Corso Indipendenza n. 33
Telefono (0142) 72444
Telex 22114 BAZZI I
15033 CASALE MONFERRATO (Italia)

BENCH SCALE EQUIPMENT

Bench Scale Equipment Company, Inc., Dayton, Ohio, a subsidiary of *Chemineer, Inc.*, released a catalog describing its research and line of process development equipment. Data are given on various agitators for scale-up studies and solutions to agitation problems dealing with batch and continuous type operations. Dryers available are laboratory scale, rotary and vertical pneumatic types. Ranges of the reactor line are from one liter to 100 gallons, with pressures to 600 psig.

THE SERPENTIX CONVEYOR

The problem-solving capabilities of the Serpentix conveyor are highlighted in a brochure from *Serpentix Conveyor Corporation*, Denver, Colorado. Major features are the unit's ability to steeply incline and decline and to make continuous horizontal and vertical curves. The equipment is in use in wastewater treatment; glass, ceramic and paper manufacture; chemical processing; foundries; mining operations; and general construction.

POLYREZ COMPANY, INC.



PHENOLIC & CASHEW RESINS FOR FRICTION MATERIALS

•

S. Columbia St., Woodbury, N. J. 08096

Telephone: 609-845-1813

POLYREZ is the registered trademark of Polyrez Company, Inc.

We've Got You Covered.

With the new System 999 Supplied-Air Respirator.

Covered—with full face, head and neck protection and a continuous supply of compressed air

—in dusts, fumes, gases, mists, paint spray and particulates;

—with two model choices: long or short cape, to suit your job conditions.

Covered—any way you look at it:

- MESA/NIOSH Approved—TC-19C-102.
- Low cost.
- Lightweight, with hard hat protection.
- No cartridges, masks or goggles necessary.
- All parts washable and replaceable.
- Ear muffs are easy to attach.
- Hi-viz, resilient cape material.
- Self-sealing neck collar—no drawstrings.
- Pull-off cover lenses—easily replaceable.
- Large view window.
- Low air consumption—maximum 15 CFM at 12 to 25 psi.

See your Bullard distributor.
He's listed in your local Yellow Pages.

IMPORTANT: MESA/NIOSH TC-19C-102, System 999, specifies approval for use in any atmosphere not immediately dangerous to life or health.



Bullard
THE SAFETY PEOPLE® SINCE 1898

E. D. BULLARD COMPANY
Sausalito, CA 94965

NEW NEW NEW

DUST CONTROL TECHNIQUES

TORIT/DONALDSON DUST COLLECTORS

Model TD486 is defined by *Donaldson Company, Inc., Torit Division,* St. Paul, Minnesota, as a new, compact filter cartridge dust collector. The continuous-duty collector has nine 16″-long cartridges and automatically cleans its filters with pulse-jet action. Its 486 square feet of filter area is nearly four times that of a conventional collector of the same capacity, a factor which lowers filtration velocity but maximizes efficiency on sub-micron particulates. A solid-state timer controls cleaning cycles, while solenoid valves introduce jets of high-pressure air to clean a trio of filters as the remaining six continue to operate. The unit stands 116½″ high on steel legs that provide 53¼″ of clearance under the 3.5-cubic-inch hopper. It is 28$\frac{7}{16}$″ square and weighs approximately 500 pounds. . . . Also introduced by Torit is the Model TD573 filter cartridge dust collector equipped to handle product material (as opposed to nuisance dust) in such high-pressure applications as pneumatic conveying and bin venting. Its round-shaped housing, rated at 220″ of water, is designed to withstand greater pressures than conventional rectangular units. Three 26″-long cartridges provide 573 square feet of filter area. Equipped with a 10.9-cubic-foot hopper, the continuous-duty collector can be fitted with a 55-gallon drum or rotary airlock.

ROTAFOAM SOLUTION FROM SCHRAMM

The theory, application and operation of Rotafoam for dust suppression in air drilling is described in a brochure by *Schramm, Inc.,* West Chester, Pennsylvania. Rotafoam is a synthetic foam solution of inhibited alkylayol sulfate salts used by blast-hole and water-well drillers to control dust and remove hole cuttings. Highly abrasive, such cuttings can cause excessive wear on bit and drilling machine components, while reducing the drilling rate. The literature provides a complete guide to the application and proper use of the aqueous solution and includes specific examples of preparation, mixing and operating control and a schematic diagram of the entire injection system. A control panel permits the operator to adjust the mix ratio and flow rate of the Rotafoam/water solution to allow for variations in hole size, type of formation being drilled and the desired drilling rate. Because it lubricates cuttings and improves chip removal, Schramm's foam solution increases bit efficiency and drilling rate, as well as extending bit life. Rotafoam also provides hydrostatic head relief by lightening

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 24 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/24

THE NO. 1 IN ITS MARKETS OFFERS YOU:

FORMAFEZ Sheet Felts

TUBOFEZ Pipe Felts

Know-how



Assistance

H. Pernegger

. . . that is more than you need for troublefree and, above all, profitable running of A/C sheet & pipe machines

HUYCK FEZ Ges.m.b.H.
Getreidemarkt 1
A-1060 Vienna/Austria

HUYCK

A Subsidiary of
HUYCK Corporation

the water column. This reduces the load on the compressor, increases the range of the drill rig and maintains a higher pressure differential across the bit.

THE RAC PERSONAL SAMPLER

Research Appliance Company, Gibsonia, Pennsylvania, announced an improved, lightweight, battery-operated instrument designed to collect accurate samples of airborne dusts (including asbestos and cotton dusts), organic vapors, toxic metals and a variety of gases encountered in working environments. Several newly-developed, interchangeable RAC sampling heads (available as options) permit one vacuum pump to sample a broad range of respirable air pollutants. The standard RAC Personal Sampler assembly includes a vacuum pump, a sampling head (3-piece cyclone), a membrane filter, flexible tubing and a recharger for a replaceable Ni-Cad battery pack. When in use the sampling head is worn near the shoulder and connected to the pump by flexible tubing. The pump housing has a built-in, heavy-duty spring clip and normally is worn on a belt. Operating at constant, adjustable flow rates ranging from 50 cc/min (charcoal tube sampling head) to 2.8 l/m, the assembly continuously collects atmospheric particles or gases from the wearer's breathing zone.

PEABODY PRODUCTS AND SERVICES

More than 175 products and services available from the group of companies which form the Peabody organization are listed in a new four-page bulletin. The directory is divided into four areas, i.e., air pollution control, water/fluids handling and treatment, solid wastes management, and testing and inspection services. The four Peabody group companies are: Air Resources Group, Water Resources Group, Solid Wastes Management and Truck Equipment Group and the Services Group. *Peabody International Corporation* is located in Stamford, Connecticut.

U.S. FILTER MIKRO-COLLECTOR

Quick, easy cleaning and 99.9% recovery of product are features of the Mikro-Collector produced by *United States Filter Corporation, Pulverizing Machinery Division*, Summit, New Jersey. Basically the unit consists of a group of cylindrical felt bags in a

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/26



AIRSTREAM AH5 AIR PURIFYING HELMET provides respiratory, head, eye and face protection in one lightweight comfortable package. The AH5's powered respirator is approved by NIOSH for protection against asbestos containing dusts and mists.

Contaminated air is drawn through a double filtration system by a highly efficient motor inside the helmet. Purified air passes downwards over the face as a continuous, cooling and pleasant airstream. Over forty thousand helmets are in use, demonstrating their comfort, acceptability and reliability.

airstream

RACAL
RACAL AIRSTREAM INC.

5 Research Place • Rockville, Maryland 20850
(301) 948-4421 • Telex 898-456 • Cable RACAL USA

steel housing fitted with a fan. The fan draws the product into the collector and air carrying the product is delivered to the inside of the filter bags. The air then passes through the bags and the product is retained on the inner surfaces of the cylinders. Collected material is removed from the filter bags by a group of moving blow rings that deliver jets of air from a slotted surface. It then is released from the bags and falls into a hopper from which it is collected for packaging or further processing. The use of felted polyester fabric permits high recovery. Effluents leaving the collector contain less than 0.02 gr/cu. ft. no matter how fine the product.

MOTOR GUARD AIR FILTERS

Compressed air filters from *Motor Guard Corporation*, San Leandro, California, utilize the basic dual-compression concept and are designed to remove oil aerosols, smoke, condensed moisture and sub-micronic solid particles (as small as 0.01 microns, nominal) from compressed air and vacuum lines. The filters will provide high efficiency, with high flow rates and an acceptable pressure drop in a small, compact housing. They should be installed to supplement rather than replace existing moisture traps, dryers and filters. Under Motor Guard's patented concept of filtration, air does not pass through the fabric element as in a membrane type filter, but rather is forced to pass between the tightly compressed layers of fabric for the length of the element. The interlocking fibers on the surfaces of the compressed layers provide a labyrinth of sub-micronic openings which entrap the contamination.

THE SUPERSUCKER VACUUM LOADER

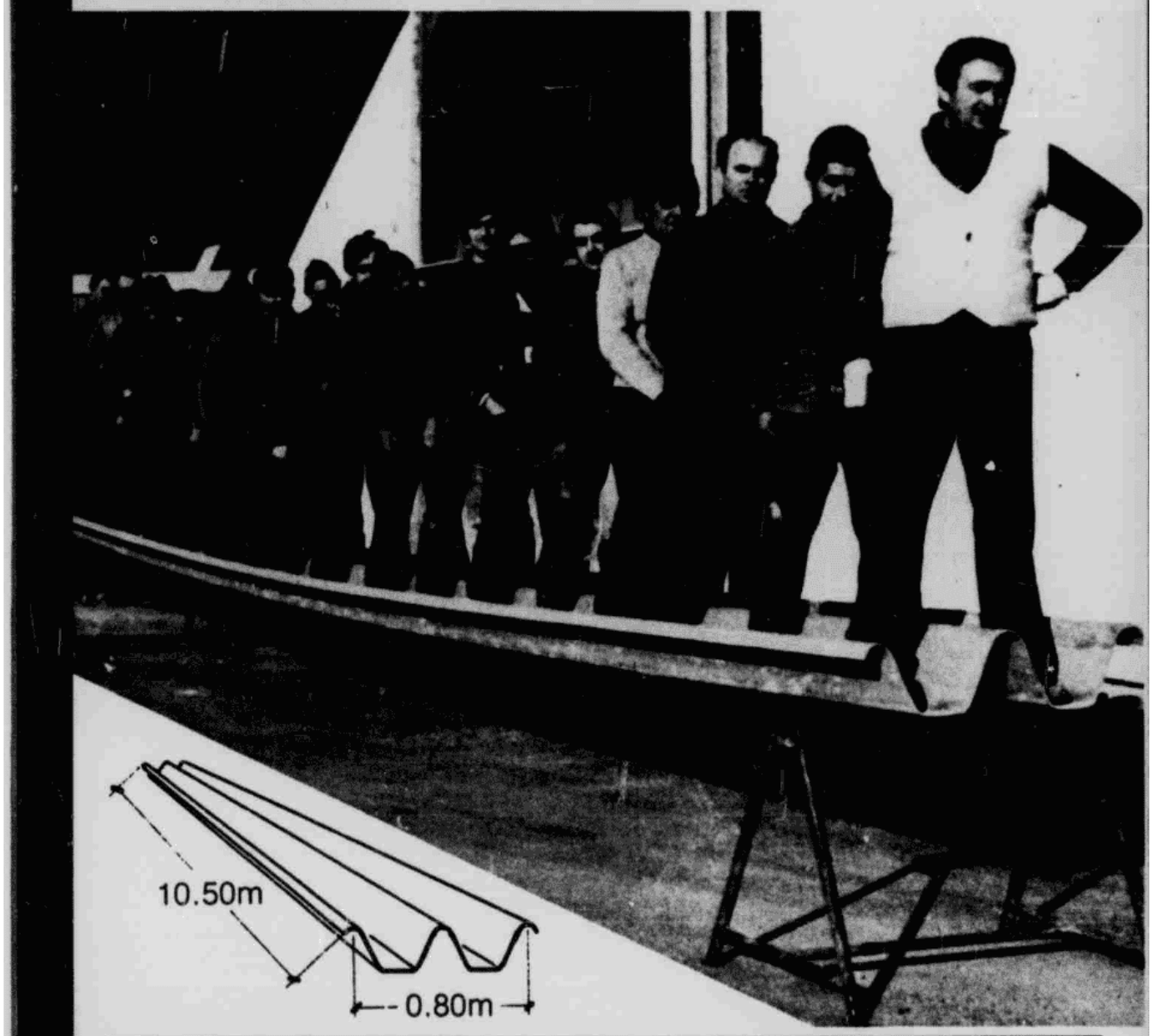
According to *Super Products*, Milwaukee, Wisconsin, the Supersucker industrial vacuum loader, already recognized as effective in cleaning up bulk industrial spills, can also be used for cleaning in-plant catch basins. The optional hydraulic boom features a 150° swing, a 10′ vertical lift, hydraulic extension cylinder and remote control, all of which aid the operation while cleaning catch basins or whenever the vacuum hose needs vertical support. The remote control gives the operator the ability to lift and lower the vacuum tube. The positive displacement vacuum pump provides vacuum of over 200 inches of water, giving Supersucker the ability to reach deep catch basins as well as sumps, grease traps, lift stations, digesters, culverts, grit chambers, etc.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 28 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/28

steel
+ asbestos
+ cement

NEW!

= MAGNUM sheet SIDERCAM® for roof



ispra

Paderno Dugnano - Milano - Italy
S.p.A. — Telex 36113

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/29

MARKET CONDITIONS

GENERAL BUSINESS

In September, news of certain tentative agreements between Egypt and Israel overshadowed all other developments on both international and domestic fronts. While certain factions have expressed disapproval and it will take time to fully implement the accords, it is generally agreed that Messrs. Carter, Begin and Sadat made some substantial positive steps toward solution of many of the chronic problems affecting the entire Middle East.

At the annual joint meeting of the International Monetary Fund and the World Bank, Mr. Carter assured the members that health of the dollar is a top priority of the U.S. and that programs to control inflation, curtail oil imports and expand exports will be vigorously pursued by this Country.

General business continued strong in August. Orders for durable goods increased 7.6% over those for July with non-defense capital goods up 10.1% and machine tools up 23%, the latter representing a 57% gain over August 1977. The housing market eased slightly but rising interest rates have had little negative effect as savings institutions are using the new, high-interest certificates to maintain a healthy inflow of deposits and buyers seem reconciled to accepting higher interest rates on mortgages.

Consumer prices rose 0.6% in August, equivalent to an annual rate of 7.2%. Administration officials now admit the inflation rate for all of 1978 will probably be about 8%, considerably higher than their previous figure, while some observers say the actual rate is now over 10% and growing. Mr. Carter has stated he will present a new anti-inflation program in the near future, involving "tough" but voluntary wage-price restraints and efforts to better control inflationary government actions. Despite repeated administration assurances that mandatory controls will not be applied, the fact remains we are now on the same path which led to such controls in the Nixon era and this is a source of much concern to business, labor and thinking people who recall the futility of that program and its chilling after-effects. There is still a reluctance or outright refusal of government to admit its own responsibility for a major share of the inflation problem or to do anything about it. Federal Reserve actions on the monetary front have resulted in a federal funds rate of 8⅞% and a prime rate at most large banks of 9¾% at the end of September. Thus far, the effect of such rates on the rate of inflation has been negligible.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 30 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/30

ASBESTOS

HUXLEY DEVELOPMENT CORPORATION

Anthophyllite
Chrysotile
Crocidolite
Amosite

TIME & LIFE BUILDING
ROCKEFELLER CENTER
NEW YORK, N. Y. 10020

TEL: 212 581-0660
CABLE: HUXLEYCORP
TELEX: 420195

OVER A QUARTER CENTURY OF EXPERIENCE

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/31

PRODUCTION—IMPORTS—EXPORTS

CANADIAN FIBER SHIPMENTS

Primary Canadian producers' shipments of asbestos (including tonnage for own use) amounted to 103,877 short tons in *July 1978* compared with 128,624 tons for the seventh month of 1977. The cumulative total for *January-July 1978* was 805,891 tons: 670,775 tons from Quebec plants and 135,116 tons from plants in Newfoundland, Ontario, British Columbia and the Yukon. The total for the first seven months of 1977 was 934,730 tons: 751,765 tons from plants in Quebec and 182,965 tons from plants in the other four Provinces. . . . Beginning January 1978, these figures include concentrate shipped from Asbestos Hill. [Statistics Canada]

SOUTH AFRICAN OUTPUT & EXPORTS

Production of asbestos for the *First Nine Months of 1977* totaled 288,826 metric tonnes, 15,590 tonnes more than in the same period a year earlier. The breakdown for the latest period is: 153,240 tonnes of Cape Blue (up 23,074 tonnes), 84,026 tonnes of Chrysotile (up 1,715 tonnes), 50,990 tonnes of Amosite (down 8,848 tonnes), 550 tonnes of Anthophyllite (down 371 tonnes) and 20 tonnes of Transvaal Blue (up 20 tonnes). . . . *Exports* for *January-September 1977* were valued at R99,106,315, up R21-million over the first nine months of 1976. By variety of asbestos, the values for the latest nine months are: R65,112,463 for Cape Blue (up R14.5-million), R15,768,971 for Chrysotile (up R5-million), R18,200,787 for Amosite (up R1.6-million) and R24,094 for Anthophyllite (down R64,520). [Department of Mines, Braamfontein]

TAIWAN ASBESTOS PRODUCTION

Taiwan produced 557 metric tonnes of asbestos from *January-June 1978*, compared with 1,223 tonnes in the first half of 1977. Asbestos produced in Taiwan is the short fiber variety, used primarily as a filler and in heat insulating compounds and plastics. [Ministry of Economic Affairs, Taipei]

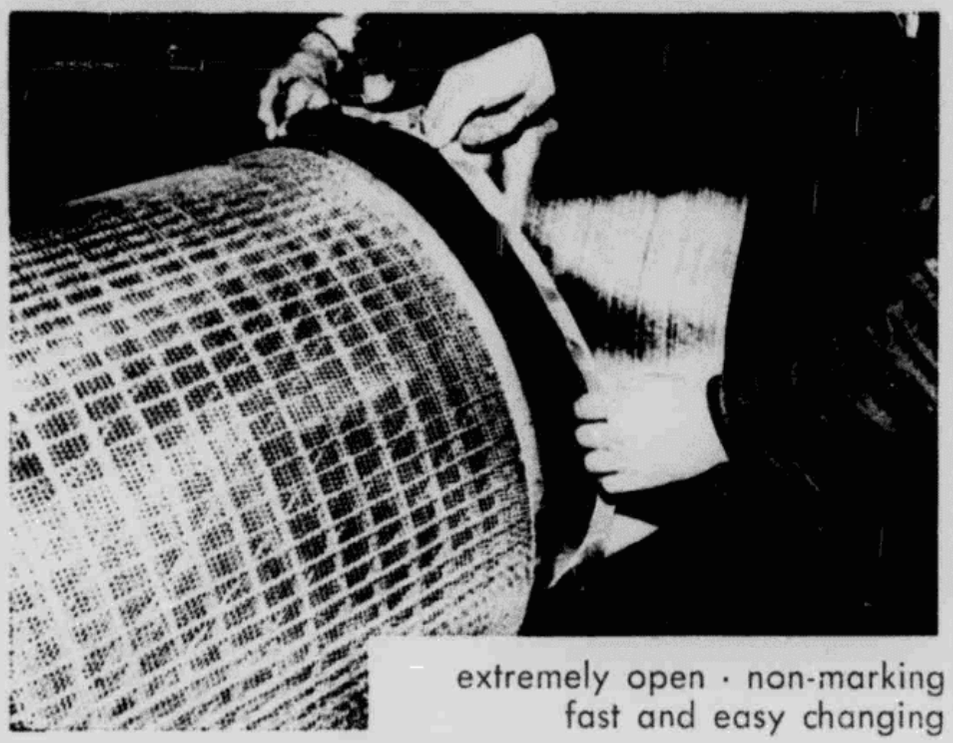
ASBESTOS CONTENT IN VARIOUS PRODUCTS

The Quebec Asbestos Mining Association issued the following percentages of approximate fiber content in various products:

PRODUCTS	% BY WEIGHT	% BY COST
Asbestos Waterproofing Products & Anti-Leak Joints	50-70	15-20
Molded Friction Materials	50-60	15
Woven Friction Materials	70	30
Asbestos Cloth & Yarn	85-90	40
Asbestos Papers (Felts)	80-90	60
Asbestos Finished Sheets	10-15	30
Asbestos-Cement Pipes	16	45
Asbestos-Vinyl Tiles	8-14	6

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 32 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/32

Stretch covers diagonal seamed



extremely open · non-marking
fast and easy changing

You want to step-up your production?

Our stretch covers in phosphor bronze
or in acid- and corrosion resisting steel
will give you THE opportunity to do just that!

Both, backing and top wire are easily fitting,
and how they fit!

You know, their service life depends on it.

Call our experts for advice and fast action

Founded 1782

KUFFERATH

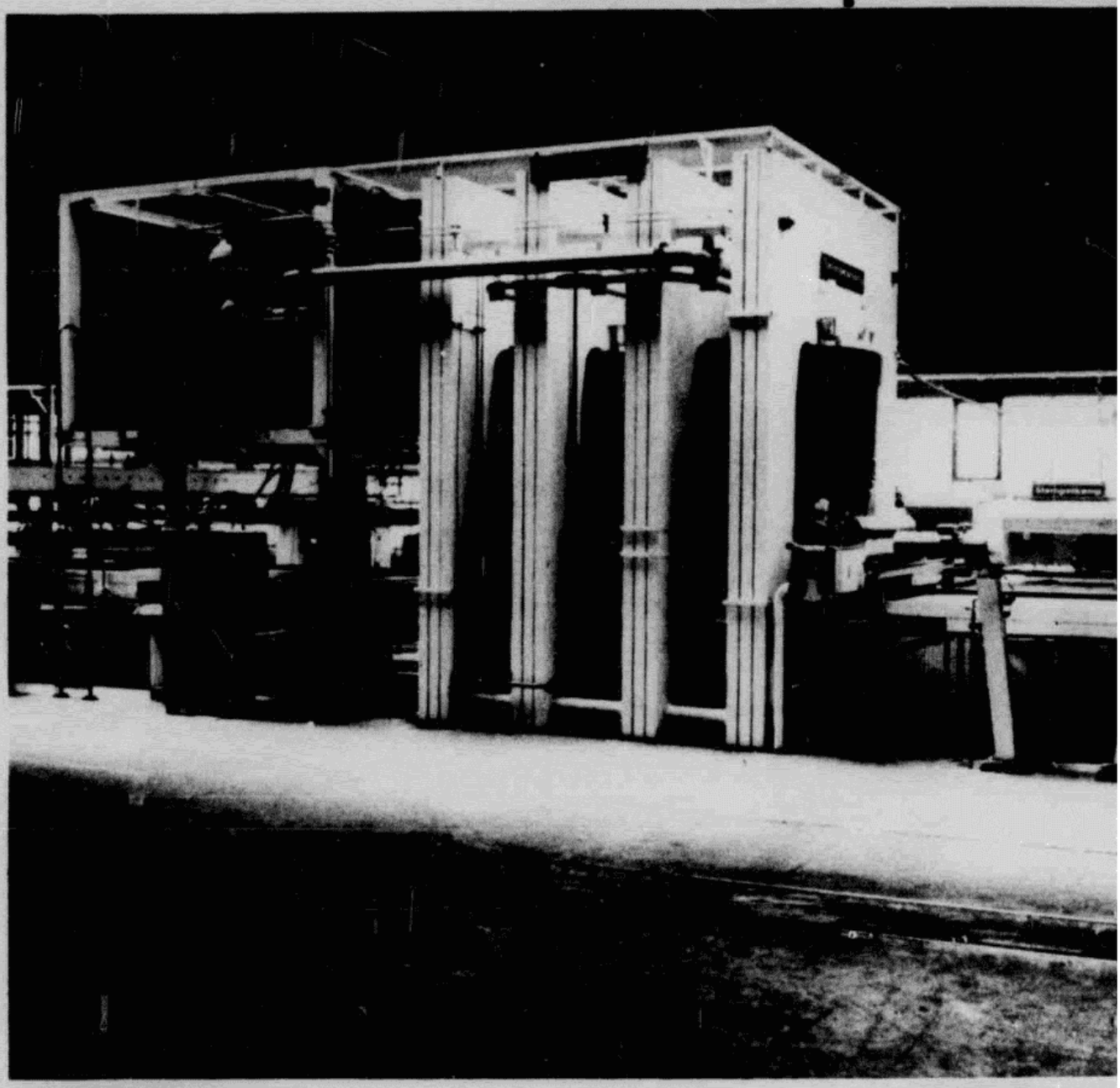
ENGINEERED ASBESTOS-CEMENT FORMING SYSTEMS

ANDREAS KUFFERATH KG · D-5160 DÜREN-GERMANY
Phone 02421 / 81046 · Telex 08/33822 + 08/33825 · Cable address akurath düren

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/33

Our Program
for the
Asbestos-Cement
Industry

Fully automati
manufacture
Fully automati
for the produc

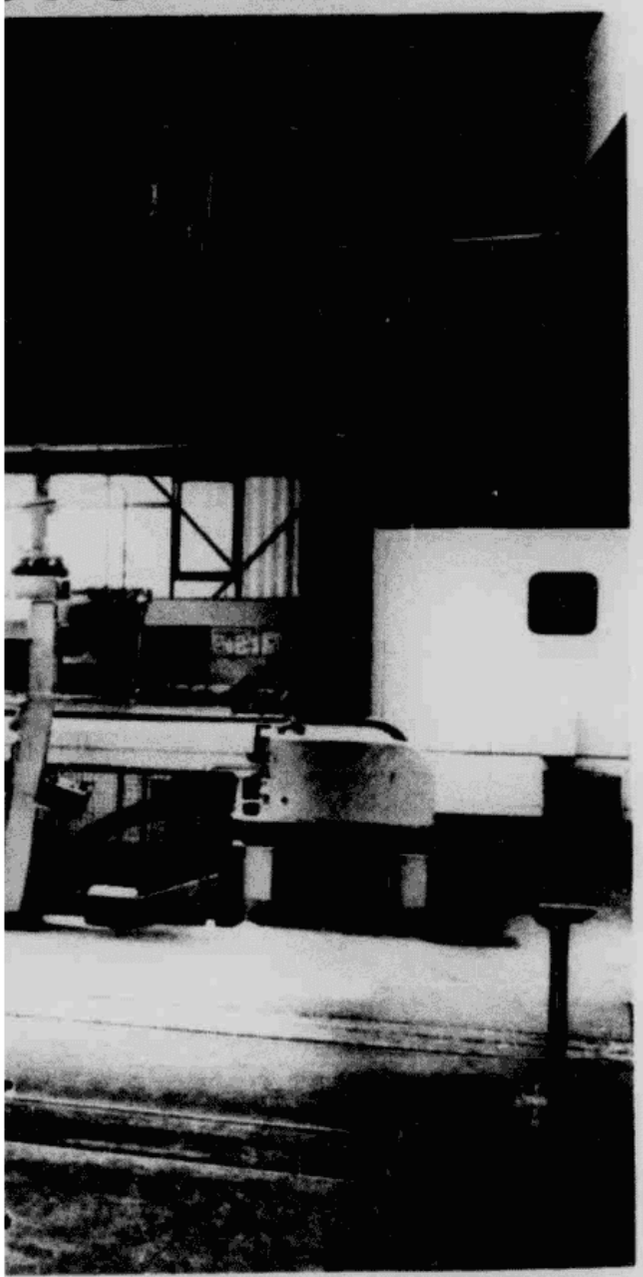


Siempelk

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/34

c production plants for the
of:
c press lines
ction of:

flat and corrugated asbestos-cement sheets
asbestos-cement pipes



highly compressed
asbestos-cement sheets

Fully automatic press lines for:
laminating
of flat asbestos-cement sheets

Fully automatic press lines
for the production of building elements

hydraulic presses for
asbestos-cement-sheets

hydraulic stamping presses
for edge trimming and cutting-to-size

hydraulic pipe testing presses

hydraulic pipe bursting presses

12.000 tons short-cycle press and
315 to stamping press for the production
of asbestos-cement sheets
size of finished sheets: 1600 x 3600 mm
cycle time: 12 seconds

amp

G. Siempelkamp GmbH & Co.
P. O. Box 2580
D-415 Krefeld / Germany
Phone 0 21 51/898-1 · Telex 08 53 811

IMPORTS INTO THE UNITED STATES

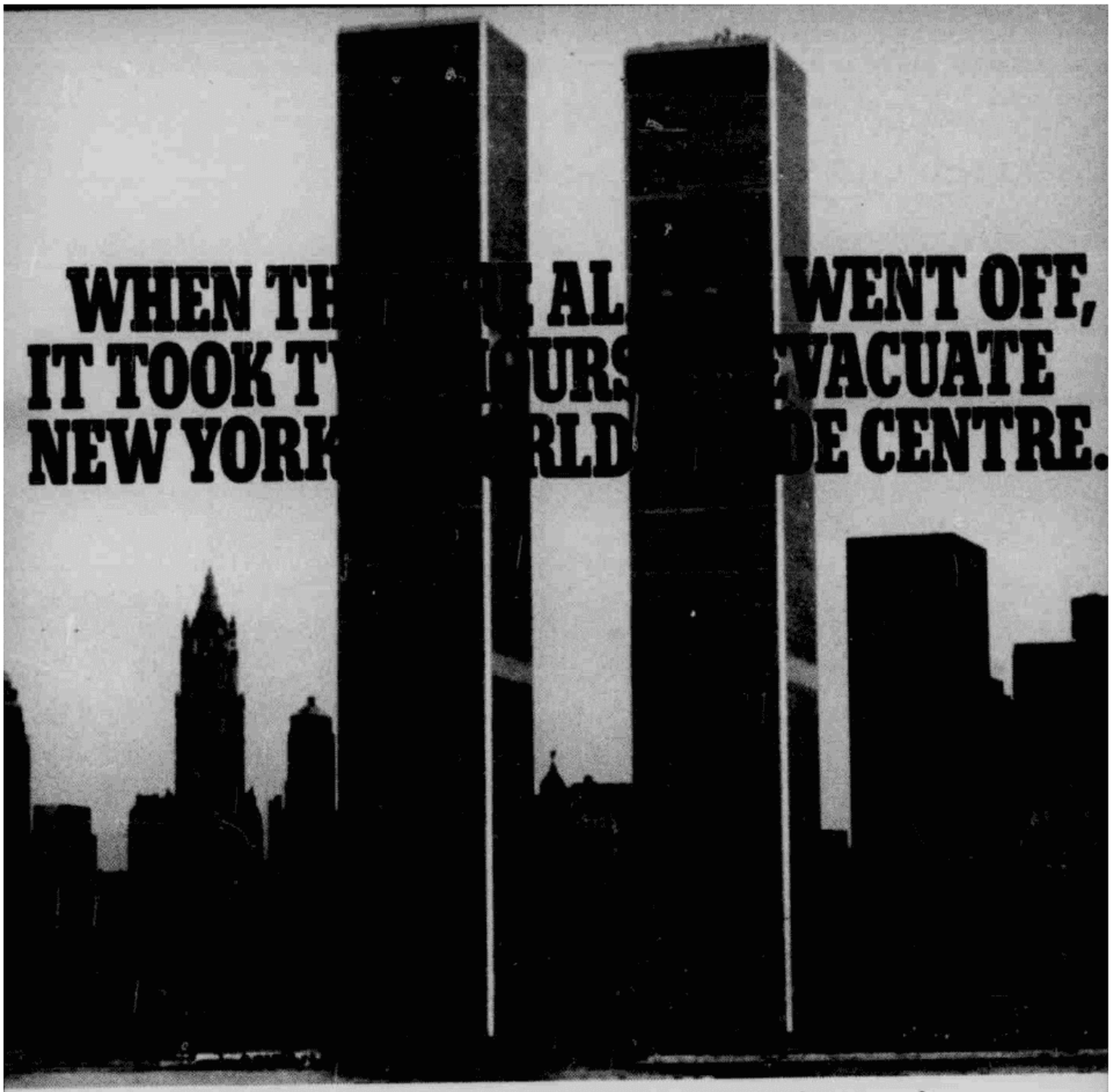
From: U.S. Bureau of the Census

			JUNE 1978
UNMANUFACTURED ASBESTOS:			
Amosite, South Africa	s.tons	21	$ 13,842
Crocidolite (Blue), South Africa	s.tons	1,804	1,090,632
Chrysotile Crudes	s.tons	..	..
Chrysotile Spinning Fibers, Canada	s.tons	811	735,639
Chrysotile, Other, Canada	s.tons	44,400	10,422,851
South Africa	s.tons	80	57,208
Other Crudes & Fibers, Canada	s.tons	1,679	295,359
		48,795	12,615,531
MANUFACTURED ASBESTOS PRODUCTS:			
Asbestos yarn, cloth, tape, etc.	Lb	788,119	1,386,515
A-C pipes, tubes & fittings	Lb	2,688,860	307,872
Other asbestos-cement articles	Lb	3,121,963	504,409
Other asbestos articles		..	597,483
			$ 2,796,279

			JANUARY-JUNE 1978
UNMANUFACTURED ASBESTOS:			
Amosite, South Africa	s.tons	770	$ 399,411
Crocidolite (Blue), South Africa	s.tons	7,630	4,708,028
Chrysotile Crudes, Canada	s.tons	20	13,842
South Africa	s.tons	720	458,178
Chrysotile Spinning Fibers, Canada	s.tons	4,007	3,286,392
Chrysotile, Other, Canada	s.tons	264,973	63,135,451
Mexico	s.tons	75	5,598
South Africa	s.tons	299	201,373
Yemen	s.tons	48	28,578
Other Crudes & Fibers, Canada	s.tons	6,617	1,411,750
India	s.tons	19	4,139
South Africa	s.tons	925	611,632
USSR	s.tons	1,113	324,447
		287,216	$74,588,819
MANUFACTURED ASBESTOS PRODUCTS:			
Asbestos yarn, cloth, tape, etc.	Lb	5,392,703	$ 8,805,840
A-C pipes, tubes & fittings	Lb	11,307,763	1,315,226
Other asbestos-cement articles	Lb	11,332,657	2,404,978
Other asbestos articles		..	3,954,861
			$16,480,905

January-June 1977: U.S. imports of unmanufactured asbestos totaled 304,292 short tons, valued at $75,115,882; imports of manufactured asbestos products were valued at $15,172,334.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 36 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/36



The bigger the building, the more important fire-proofing becomes.

That's why today's buildings have asbestos-cement walls and even floors containing asbestos.

Asbestos contains fire, cannot burn and holds up after metal and glass have melted down, giving vital time for people to escape.

You'll also find asbestos sealing plumbing joints, insulating heating pipes, electric motors and emergency generators.

Asbestos. We couldn't live the way we do without it.

ASBESTOS

When life depends on it, you use asbestos.

Asbestos Corporation Limited,
Sun Life Building,
Montréal, Québec H3B 2X6,

Represented by:
Nissho-Iwai Co. Ltd., 4-5 Akasaka 2- Chome, Minato-k
Tokyo, 107, **JAPAN.**
Bookuk and Company Ltd.,
C.P.O. Box 1101, Seoul, **KOREA**

EXPORTS FROM THE UNITED STATES

From: U.S. Bureau of the Census

			JUNE 1978
UNMANUFACTURED ASBESTOS:			
Asbestos Crudes, Fibers & Stucco	s.tons	1,150	$ 522,758
Asbestos Sand & Refuse	s.tons	2,848	666,458
		3,998	1,189,216
MANUFACTURED ASBESTOS PRODUCTS:			
Asbestos yarn, cloth, tape, etc.	Lb	1,578,285	$ 685,356
Asbestos-Cement shingles & clapboard	Lb	1,746,096	555,608
Other asbestos-cement articles	Lb	2,980,571	879,110
Asbestos gaskets	Lb	89,542	287,965
Asbestos packing & seals	Lb	521,866	1,223,788
Asbestos insulation		..	436,009
Brake linings & disc brake pads		..	2,720,909
Clutch facings & linings		..	831,067
Other asbestos articles		..	2,372,305
			$ 9,992,117

			JANUARY-JUNE 1978
UNMANUFACTURED ASBESTOS:			
Asbestos Crudes, Fibers & Stucco	s.tons	11,608	$ 4,038,390
Asbestos Sand & Refuse	s.tons	11,535	2,427,910
		23,143	6,466,300
MANUFACTURED ASBESTOS PRODUCTS:			
Asbestos yarn, cloth, tape, etc.	Lb	5,271,123	3,824,720
Asbestos-Cement shingles & clapboard	Lb	13,833,959	3,149,146
Other asbestos-cement articles	Lb	10,949,469	4,678,566
Asbestos gaskets	Lb	2,692,649	1,890,282
Asbestos packing & seals	Lb	3,540,939	5,839,616
Asbestos insulation		..	2,879,400
Brake linings & disc brake pads		..	19,728,196
Clutch facings & linings		..	6,059,215
Other asbestos articles		..	11,575,233
			$59,624,374

January-June 1977: U.S. exports of unmanufactured asbestos reached 18,765 short tons, valued at $5,891,795; exports of manufactured asbestos products were valued at $39,530,579.

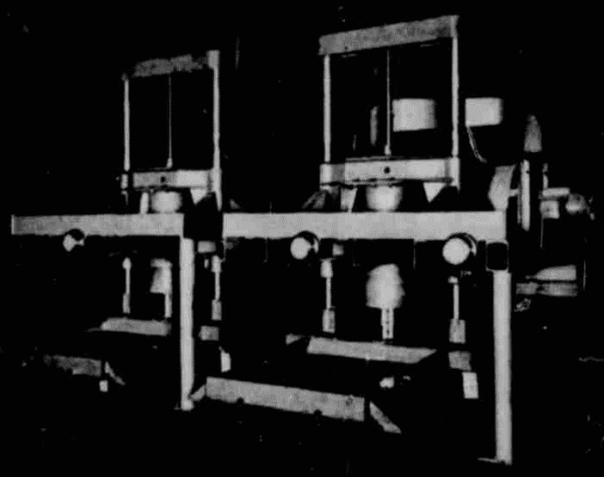
Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 38 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/38

Complete Plants for making ASBESTOS CEMENT PRESSURE PIPES, 4- and 5 Meter, Diameters up to 1500 mm, Maturing Kilns, Automatic Lathes and Presses, ASBESTOS CEMENT SHEETS, Automatic Corrugating, Colouring Plants for SHEETS



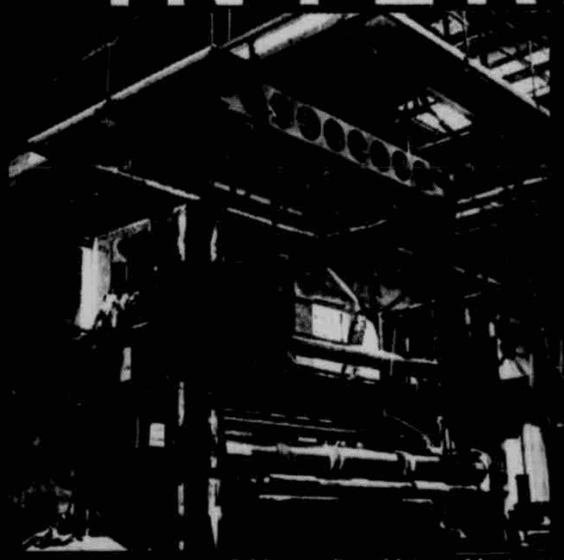
Automatic Corrugating Bridge

INTERASBEST



Piling Units

INTERASBEST



5 Meter Pipe Making Machine



Testing Press for Joints

INTERASBEST ZEMENTANLAGEN
A-6380 St. Johann/Tirol, Austria, Europe
Telephone: (05352) 2655 - Telex: 05 127 528 - P. O. Box 70

CURRENT ASBESTOS PRICES

ARIZONA

Per Ton of 2000 Lbs., F.O.B. Globe, Arizona

As of July 1, 1976

		U.S. Dollars
No. 1 Crude (Soft)	$	$3000.00
No. 2 Crude (Soft)		1800.00
AAA		1300.00
Group No. 3—Nonferrous Filtering—Plastic	750.00—	840.00
Group No. 4—Nonferrous Filtering—Plastic	750.00—	840.00
Group No. 7—White Shorts	100.00—	200.00

QUEBEC

Per Ton of 2000 Lbs., F.O.B. Mine

As of January 1, 1978

Canadian Dollars

No. 2—Crude		2165.00
No. 3—Spinning Fiber	965.00—	1501.00
No. 4—Asbestos Cement Fiber	642.00—	945.00
No. 5—Paper Fiber	323.00—	501.00
No. 6—Paper and Shingle Fiber	307.00—	311.00
No. 7—Shorts	107.00—	213.00

CASSIAR

Per Ton of 2000 Lbs., F.O.B. North Vancouver, B.C.

As of January 1, 1978

Canadian Dollars

Cassiar Mine

C-1	—No. 1 Crude	$3621.00
AAA	—Nonferrous Spinning Fiber/Canadian Group 3	2000.00
AA	—Nonferrous Spinning Fiber/Canadian Group 3	1600.00
A	—Nonferrous Spinning Fiber/Canadian Group 3	1050.00
AC	—Nonferrous Spinning Fiber/Canadian Group 3	960.00
AK	—Asbestos Cement Fiber/Canadian Group 4	810.00
AS	—Asbestos Cement Fiber/Canadian Group 4	705.00
AX	—Asbestos Cement Fiber/Canadian Group 4	610.00
AY	—Asbestos Cement Fiber/Canadian Group 5	430.00
AZ	—Asbestos Cement Fiber/Canadian Group 6	330.00

Clinton Mine

CP	—Asbestos Cement Fiber/Canadian Group 4	760.00
CT	—Asbestos Cement Fiber/Canadian Group 4	680.00
CY	—Asbestos Cement Fiber/Canadian Group 5	430.00
CZ	—Asbestos Cement Fiber/Canadian Group 6	330.00

VERMONT

Per Ton of 2000 Lbs., F.O.B. Morrisville, Vermont

As of January 1, 1978

U.S. Dollars

Grade 4T—Fiber	$ —$	501.00
Grades 5D thru 5R—Fiber	330.00—	387.00
Grade 6D—Waste	—$	239.00
Grades 7D thru 7T—Shorts	95.00—	182.00
Grade 7TF—Floats (Shorts)	—$	82.00
Grade 8S—Shorts	—$	62.00
Hooker No. 1—in 50-lb. woven polypropylene bags		1166.00
Hooker No. 2—in 100-lb. woven polypropylene bags		583.00

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 40 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/40

ispra – *Special machines for asbestos*



"BAG BREAKER" = It empties any bag of asbestos

= Capacity : 200 bags /hour

= Residual asbestos in the bag : less than 1 g /bag

= Dust in the air : less than 0,1 f/cm^3

ispra s.p.a.

VIA GALILEI, 19
20037 PADERNO DUGNANO (MI) ITALY
☎(02) 9181371 - 9181372
TELEX 36113 ISPRA

THE INTERNATIONAL MINING SCENE

PRODUCTION MAINTAINED AT WOODSREEF

In its report for the nine months ended July 31, 1978, *Woodsreef Mines Ltd.* announced that fiber production at its asbestos mines at Barraba and Baryulgil in New South Wales, Australia, totaled 49,914 metric tonnes, marginally higher than the 49,845 tonnes produced in the like period a year earlier. It should be noted, however, that production in 1977 was on a seven-day-per-week basis, whereas the mine has been operating on a six-day work week since November 14, 1977. Fiber shipments for the latest period reached 37,869 tonnes vs. 36,759 tonnes last year. Revenue from invoiced sales, at A$12,915,000, showed a reduction of $1,333,000 from the corresponding 1977 period. Woodsreef advised the decrease is mainly attributable to the fall in the value of the Canadian dollar and the consequent effect on the company's revenue. Net trading resulted in a loss of ($5,241,000) compared with a $778,000 profit a year earlier. Reportedly, in the latest financial quarter there has been an improvement in the recovery rate and benefits have been obtained from the availability of several ore faces for blending purposes, the latter situation a result of a significant increase in waste rock removal. Development work on the trial tailings recovery circuit has continued and anticipated recoveries have been confirmed. Further work has been done toward developing the wet milling process, the results of which warrant additional research. In July, Woodsreef was the subject of an Industries Assistance Commission enquiry. The terms of reference were whether or not the asbestos producing industry should receive short- and long-term aid. IAC's report has been submitted to the Federal Government and news of a final decision is awaited.

QUEBEC NEGOTIATES FOR ASBESTOS CORPORATION

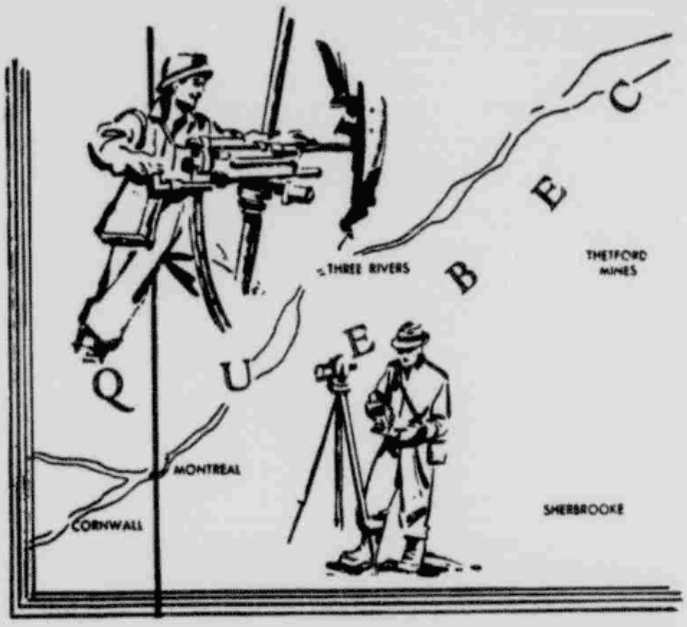
Rumor has it that the *Provincial Government of Quebec* is negotiating with *General Dynamics Corporation* toward the acquisition of General Dynamics' 54.6% holding in *Asbestos Corporation Ltd.* It is said the talks began in Toronto, Ontario, between Kidder Peabody & Company, acting on behalf of the Quebec Government, and Lazard Freres & Company, representing General Dynamics. Presumably the discussions are based on the results of market studies and evaluations made by the two agents. The news media report that the Quebec Minister of Finance, Jacques Parizeau, has indicated the results of the negotiations will be announced "within a matter of weeks."

COLOMBIA TO PROCESS BY 1981

Construction of the mill building and other minor structures has been completed at the Chrysotile processing plant at Antioquia, near Campamentos, Colombia, it was announced by L. A. Serna, President of *Minera Las Brisas S.A.*, Bogota. Financial arrangements are being finalized for a total investment of about US$10-million. Production is foreseen for the be-

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 42 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/42

LYNN MACLEOD CAPITAL EQUIPMENT LTD.



ASBESTOS MILLING EQUIPMENT & SERVICES

DESIGNERS, MANUFACTURERS & DISTRIBUTORS

- PRESSURE PACKERS
- PACKOMATIC BALE SEALER
- FLEXOVEYOR BAG FLATTENER
- ROTEX SCREENERS
- AIR SEPARATORS
- ROCK FIBERIZERS
- RAYMOND WHIZZERS
- SCALES & MAGNETS
- FANS & FILTERS
- BAUER HURRICANE PULVERIZER
- CHECK WEIGHERS
- CYCLONES
- ROTARY VALVES
- ASPIRATION PIPING
- TURBO FIBERIZERS
- FIBRE GRINDERS
- Q.S. TESTING MACHINE
- AUTOMATIC BAG PLACERS
- LABORATORY EQUIPMENT
- BAUER SPECIFIC GRAVITY SEPARATORS

LYNN MACLEOD CAPITAL EQUIPMENT LTD.

287 NOTRE DAME ST. SOUTH
THETFORD MINES, G6G 5S9, QUEBEC, CANADA

TELEX: (L. M. ENGR.) 05-834-532
PHONE: (418) 335-2951

CABLE ADRESS
LYNMACAP

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/43

ginning of 1981 with a start-up rate of 6,000 metric tonnes per year and an eventual output of 16,000 tonnes. The project involves investors from Switzerland and the Republic of South Africa, with participation by *Eternit*, an asbestos-cement products manufacturer in Colombia.

USSR SURVEY COMPLETED

According to the "Mining Journal," geologists at the *Lenin Asbestos Combine* at Tuva in the Soviet Union have nearly completed a survey of the Sayanskiy asbestos deposits. Based on a report by information sources in Moscow, substantial reserves have already been proven at Ak-Dovurak where construction of the second stage of the complex has been completed. Tuva is reported to contain the second largest asbestos reserves in the USSR.

ANTHOPHYLLITE FROM INDIA

We have been advised by K. K. Mittal, of *Jama Exports*, Bombay, that the amphibole variety of asbestos known as Anthophyllite, located in India, is of fine quality and most suited for applications where resistance to acid, heat and alkalies is a factor. The major Anthophyllite mines are situated at Rajasthan although smaller operations are working at Bihar and Mysore. *Prices for Indian Anthophyllite* asbestos as of July 31, 1978, are: US$250.00 per metric tonne, F.O.B., Bombay, for Grade CL (long fiber), $120.00 per tonne for Grade CS (short fiber), $80.00 per tonne for SF (screened fluff), $60.00 per tonne for Grade USF (fluff) and $50.00 per tonne for asbestos powder. About 20 tonnes per month are available of Grades CL and CS and 200 tonnes of Grades SF & USF are produced monthly. Asbestos powder is available in large quantities. Orders are shipped, by sea, in 50-kilogram, high-density, woven, polyethylene bags, suitable for ship containerization.

BRAZILIAN PRICES UP 34%

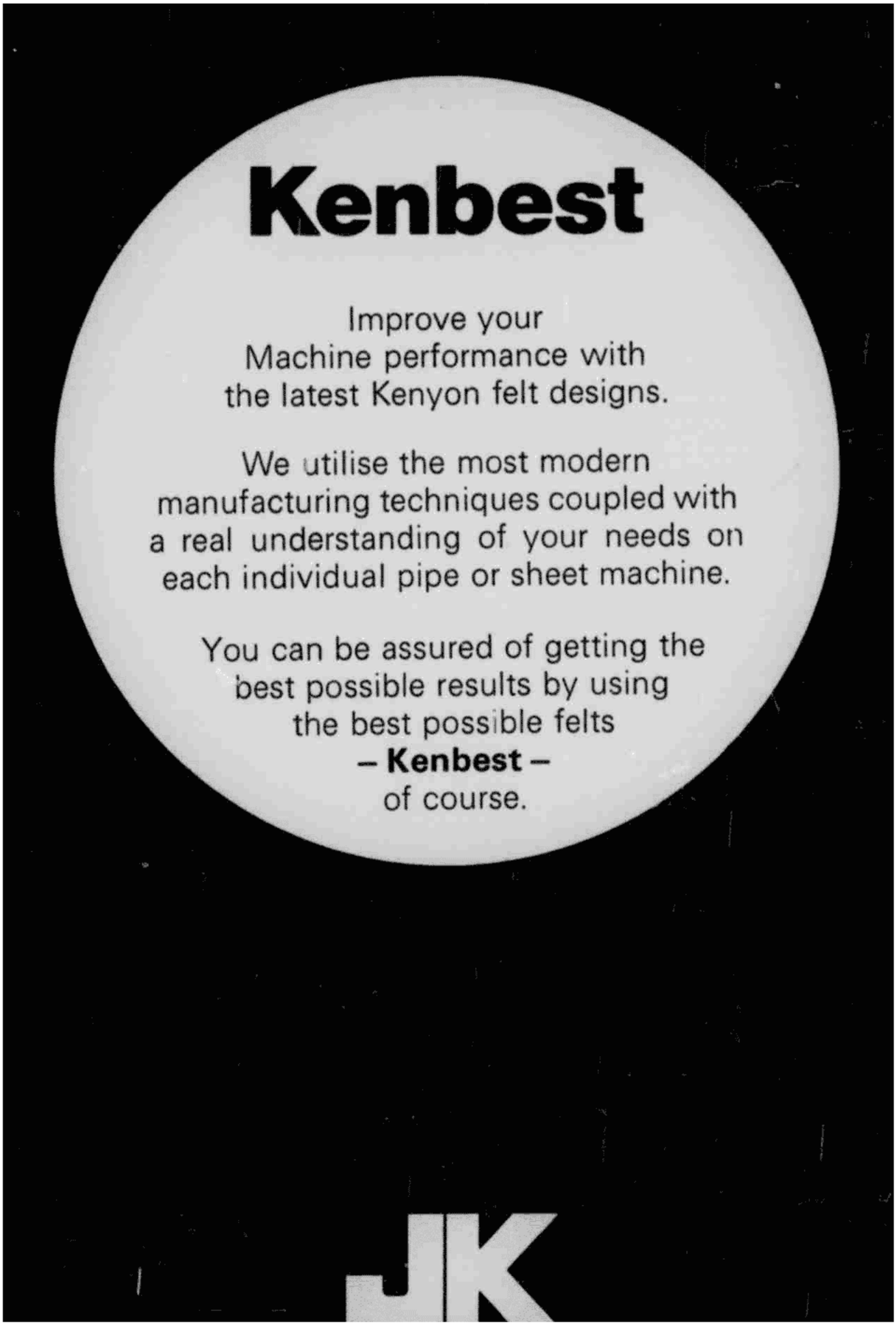
Prices for Brazilian asbestos were increased 33.8% from August 1977 to June 1978. Cost per ton of fiber, F.O.B. Mine, as of June 1978 are: Grade 4K—Cr$10,073, 4T—$8,950, 4Z—$7,975, 5K—$6,714, 5R—$4,905, 6D—$3,584, 7TF—$1,417 and 8S—$670. As of this writing, one Brazilian Cruzeiro is equivalent to 6¢ in U.S. currency.

"ASBESTOS BULLETIN"

Keeps you abreast of all developments. Each issue contains about 100 abstracts relating to the manufacture of asbestos-based products. Special chapters on asbestos mining, asbestos-cement, friction and asbestos-reinforced plastics. Annual subscription US $39.00; back copies half price. Order from:

ASTEX PUBLISHING COMPANY
22/23 North Street, Guildford, Surrey, England

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/44



Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/45

1978 SEMI-ANNUAL REPORTS

ASBESTOS CORPORATION LTD.

Net earnings of Asbestos Corporation Ltd. for the six months ended July 1, 1978, were $7.2-million on sales of $62.8-million compared with $10.7-million on sales of $80.3-million in the same period last year. Earnings per common share amounted to $2.55 in 1978 vs. $3.78 in 1977 and working capital increased $5.9-million to $66.6-million. Construction activity in most countries is still well below the levels attained in past years with the result that many asbestos-cement pipe and sheet manufacturers are operating below capacity. Marketing surveys indicate an overall strengthening of demand for asbestos fiber in 1979 with a shortage situation developing. The Beaver open-pit and Normandie mill operations at Thetford Mines, Quebec, were shut down for four weeks in July and the commencement of the regular Asbestos Hill mid-winter shut-down was advanced from November to late September to maintain fiber and ungraded fiber inventories at satisfactory levels.

THE FLINTKOTE COMPANY

Operating results for The Flintkote Company continued the record-setting pace which began in 1977. Sales for the six months ended June 30, 1978, were $323-million, an increase of 26% over the same period last year. Earnings increased 104% to $13.7-million, or $2.03 per share. The residential building and repair and modernization segments of the industry continued to provide strong demand and good price levels for all major product lines. A recent reduction in the number of residential building permits suggests a decline in homebuilding activity may be expected in the near future. Flintkote believes, however, that the current recovery in nonresidential building and nonbuilding construction will be sufficient in the near term to offset the moderate decline in homebuilding most industry authorities are projecting. Flintkote announced plans to move the divisional headquarters of its Building Materials and Flooring Divisions to Irving, near Dallas, Texas, later this year.

RAYBESTOS-MANHATTAN, INC.

Net sales from continuing operations of Raybestos-Manhattan, Inc., for the 26 weeks ended July 2, 1978, were $145.7-million compared with $130.1-million for the comparable 1977 period. Net income was $6.1-million vs. $4.9-million, or an increase of 23.8%. These encouraging results reflect improved performance in all of R/M's major businesses. The results achieved by the RM Friction Materials Company are attributable to very strong demand in all original equipment markets—farm, construction and industrial equipment, heavy-duty trucks and trailers and passenger cars. The demand in the replacement market for passenger car friction products is also heavy, indicating a replenishment of customer inventories depleted in the early part of the year. Raybestos Manhattan Industrial

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 46 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/46

WEHRHAHN



asbestos-cement production hall





asbestos-cement sheet machine

...the first results will tell you why you chose WEHRHAHN!

Many fully-automatic WEHRHAHN- ac-plants produce sheets and pipes successfully all over the world. WEHRHAHN has experience for more than a man's age to construct economical ac-machines for the future. WEHRHAHN'S dynamic specialists assist you everywhere. It's their job! Why not contact them ? Ask for up-to-date quotations too ! Choose :

GEBR. WEHRHAHN MASCHINEN-FABRIKEN

DELMENHORST · WILDESHAUSEN UND DINKLAGE

Products Company sales show considerable strength in the textile, energy, transportation and industrial markets and are expected to continue at a high level in these areas during the months ahead. The final shipment of significant equipment for the $11-million NOVATEX program is to be delivered in the third quarter and should be operational early in 1979. The business of the Milford Rivet & Machine Company continues strong in the automotive, electrical devices and appliances markets. Construction has begun on a new 33,000-square-foot headquarters building for RMFMCo adjacent to R/M's Corporate Headquarters at Trumbull, Connecticut. Occupancy is scheduled for early next year.

SUPRADUR MANUFACTURING CORPORATION

For the six months ended July 2, 1978, Supradur Manufacturing Corporation reported sales of $11.7-million compared with $11-million for the same period in 1977. Net income reached $352,011 or 34¢ per common share, against $162,759 or 16¢ per share for the first half of last year. K. Fred Netter, President, noted that the second quarter had been particularly satisfactory in the company's precast concrete business which showed a healthy profit for the period. Also, the siding and roofing business was satisfactory both in the United States and overseas. The operating results in Canada were essentially unchanged from last year, as measured in Canadian funds. Since the valuation of the Canadian inventory had to reflect the lower value of the Canadian dollar in relation to the U.S. dollar, the actual contribution from Canada for the first six months of 1978 was negligible.

ASBESTOS STOCK QUOTATIONS

Close—September 19, 1978

Abitibi Asbestos	C$.85	G&W (pfd 3.87)	72
Advocate Mines	C$3.30	G&W (pfd 5.75)	70⅝
Armstrong Cork	19⅝	IC Industries	29⅝
Armst. Cork (pfd 3.75)	45½	IC Ind (pfd 3.50)	47¾
Asarco	15¼	Jim Walter Corporation	32¼
Asbestos Corporation	C$47.00	Jim Walter (pfd 1)	11⅞
Bendix	39⅝	Jim Walter (pfd 1.60)	35
Bendix (pfd 3)	85	Johns-Manville	31¼
Carlisle	27⅜	Kennecott Copper	25⅝
Cassiar Asbestos	C$10.25	Lear Siegler	20
CertainTeed	20⅞	Lear Siegler (pfd 2.25)	49½
Charter Conso.	pence 159	Maremont	25½
Colt Industries	37	McAdam Mining	C$.30
Colt Ind. (pfd 4.25)	82	National Gypsum	19⅜
Conwest	C$6.125	Pathfinder	C$.37
Flintkote	30⅝	Porter (pfd 5.50)	79
F-kote (pfd-B 2.25)	41	Raybestos-Manhattan	38½
GAF Corporation	13⅛	Rio Algom	C$36.50
GAF (pfd 1.20)	17⅝	Supradur	Bid 5; Asked 5¾
Gulf & Western	14½	Union Carbide	39½
G&W (pfd 2.50)	33½	Woodsreef Minerals	C$.44

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/48

VENETIAN FELT



THE SYNTHETIC AND NEEDLED FELT FOR YOUR SHEET AND PIPE MACHINES

1 immediate start-up

2 excellent water removal

3 stable and flat because of special heat-setting

. . . and last but not least, it has a long life.

FELTRIFICIO VENETO S.p.A.
P. O. Box 4080
30175 VENEZIA-MARGHERA
ITALY

Telephone: (041) 971811
Telex: 41088 FELTEX

NEW TRADE ASSOCIATION LEADERS

AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Assuming the position of President of the American Industrial Hygiene Association for the 1978-79 term is *Paul E. Toth*, Manager of Industrial Hygiene and Toxicology for Ford Motor Company. President-Elect is *Donald R. McFee, Sc.D., P.E.*, Vice President of Occusafe, Inc. Other new Officers are Vice President—*James E. Long* of the 3M Company and Secretary— *Gene X. Kortsha* of General Motors Corporation. The new Directors are *Richard S. Brief* of Exxon Corporation, *Robert L. Harris, Jr.*, of the University of North Carolina and *Alfredo Salazar* of the Palo Alto Medical Clinic.

AMERICAN NATIONAL METRIC COUNCIL

Charles E. Buckingham has been serving as President of the American National Metric Council since September 18, 1978, it was announced by ANMC Board Chairman *Richard Hurd*. Until his retirement in July, Lt. Gen. Buckingham was Comptroller of the U.S. Air Force. He is a 1946 graduate of the U.S. Military Academy and holds an MBA degree from George Washington University.

AMERICAN SOCIETY FOR TESTING AND MATERIALS

The election of the following national Officers and Directors of the American Society for Testing and Materials was announced by *William T. Cavanaugh*, ASTM Managing Director: President—*Joseph G. O'Grady*, Public Service Electric and Gas Company; Vice President—*Sydney D. Andrews*, Florida Department of Agriculture & Consumer Services; Vice President—*Wayne P. Ellis*, H. B. Fuller Company. Newly-elected Directors include *Carl B. Crawford* of the National Research Council (Canada), *Constance B. Newman* of the U.S. Department of Housing and Urban Development and of The Newman & Hermanson Company, *Robert E. Philleo* of the U.S. Department of the Army, *Robert G. Redelfs* of St. Joe Minerals Corporation, *William P. Slichter* of Bell Laboratories, and *Charles H. Tupper* of the International Brotherhood of Electrical Workers.

ASSOCIATION OF ASBESTOS-CEMENT PIPE PRODUCERS

The Association of Asbestos-Cement Pipe Producers has announced that *Leo J. Horvath* has joined the AACPP staff as Director of Technical Affairs. The newly-created position encompasses product and field research, collection and dissemination of technical information on asbestos-cement pipe and representing AACPP in standards-setting bodies. Mr. Horvath has 30 years of experience in engineering and foreign affairs. He is a mechanical engineering graduate of Pennsylvania State University and holds a degree in economics from George Washington University.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 50 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/50



Calaveras
Asbestos Ltd.

PRODUCERS OF . . .

CHRYSOTILE

GRADES 4, 5, 6, and 7

SPECIAL MATERIALS, INC ILLINOIS
SALES OFFICE FOR NORTH AND SOUTH AMERICA
3628 W PIERCE ST . MILWAUKEE, WI 53215
TELEPHONE 800 558 0604 / 414 383 2020

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/51

BIRTHDAY GREETINGS to . . .

Miguel C. Leman, Sales Representative (Latin America), Asbestos Fiber Division, Johns-Manville Corporation, Denver, Colorado, November 16.

J. J. Mangan, President & Managing Director, Hedman Mines Ltd., Timmins, Ontario, November 16.

Aldred J. Simmons, President, Standco Industries, Inc., Houston, Texas, November 17.

Jean Dupere, Executive Assistant to the President, Lake Asbestos of Quebec Ltd., Black Lake, Quebec, November 19.

Gorden E. MacDonald, Vice Chairman, Asbestos Corporation Ltd., Groton, Connecticut, November 19.

Stanislaw Stachelski, Chairman, Valley Asbestos (Pty) Ltd., Johannesburg, Republic of South Africa, November 19.

John T. Gurash, Chairman, CertainTeed Corporation, Valley Forge, Pennsylvania, November 25.

Dr. A. J. P. Sabberwal, Joint Managing Director, TAC Construction Materials Ltd., Manchester, England, November 25.

W. I. Stewart, a Director, Cape Asbestos Insulations (Pty) Ltd., Benoni South, Republic of South Africa, November 25.

D. Carlsen, Superintendent, Asbestos Wharf, Cassiar Asbestos Corporation Ltd., North Vancouver, British Columbia, November 26.

B. B. Stevenson, Finance Director and a Director, Cape Industries Ltd., London, England, November 28.

N. J. Blake, Managing Director, Blake & Clements Asbestos & Engineering Pty. Ltd., Riverwood, N.S.W., Australia, November 29.

John G. Ordway, Jr., President, MacArthur Company, St. Paul, Minnesota, November 29.

Walter A. Cooper, Manager, Environmental Communications, Health, Safety & Environment, Johns-Manville, Denver, Colorado, November 30.

Nicholas Gritzuk, Chairman of the Board, Cassiar Asbestos Corporation Ltd., Vancouver, British Columbia, December 1.

Jules LaPrairie, Manager, Atlas Asbestos Company, Coalinga, California, December 1.

Robert J. Collier, Vice President and Director of Divisional Advertising, Johns-Manville Corporation, Denver, Colorado, December 3.

K. Fred Netter, President, Supradur Manufacturing Corporation, New York City, December 3.

James F. Reis, Market Manager, Asbestos Fiber Division, Johns-Manville Corporation, Denver, Colorado, December 3.

Frank S. Williams, Product Manager, Southern Asbestos Company, Charlotte, North Carolina, December 3.

Bernd Simon, Plant Manager, Cement Asbestos Products Company, Van Buren, Arkansas, December 7.

F. A. Page, Deputy Chairman, James Hardie Asbestos Ltd., Sydney, N.S.W., Australia, December 8.

Germain Masson, Director of Purchasing, Bell Asbestos Mines Ltd., Thetford Mines, Quebec, December 9.

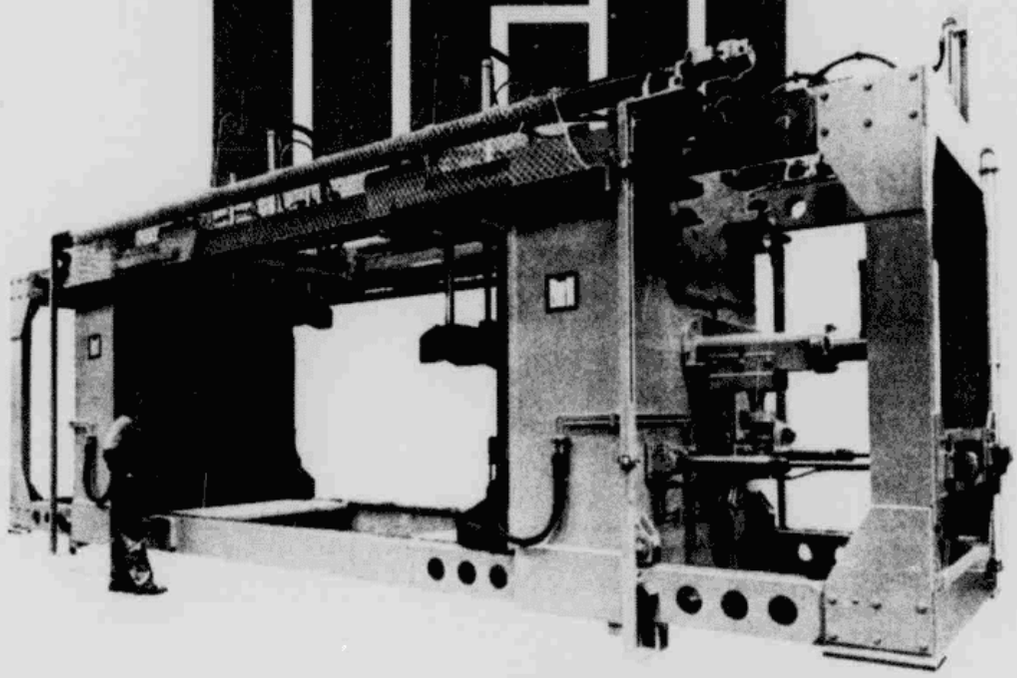
C. W. Newton, a Managing Director in charge of Mining & Distribution of Asbestos, Turner & Newall Ltd., Manchester, England, December 11.

E. W. Shortridge, Asbestos Plant Manager, Union Carbide Corporation, Metals Division, Niagara Falls, New York, December 12.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 52 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/52

Asbestos Cement Machines

BELL



▲ Press for water pressure test,
Pipe inside diameter
150 to 1300 mm

Bell Engineering Works Ltd., a member of the Sulzer Group, designs, manufactures, assembles and puts into operation complete asbestos cement sheet and pipe production lines as well as individual machines, such as:

Slurry preparation equipment
Sheet machines
Stamping machines for cutting slates
Presses for high density sheets
Stackers and Corrugators
Stack transport systems
Pipe machines
Pipe curing and rounding systems
Pipe finishing machines
Watering vacuum pumps
Asbestos board machines

SULZER
Group Member

Bell Engineering Works Ltd.
CH-6010 Kriens/Lucerne
Telex 78167 bell ch
Switzerland

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/53

VALUABLE LITERATURE

ORDERS FOR THE FOLLOWING BOOKS MAY BE PLACED THROUGH ASBESTOS MAGAZINE, UNLESS OTHERWISE NOTED. PLEASE INCLUDE REMITTANCE WITH ORDER AND SPECIFY OCTOBER 1978 AS DATE OF LISTING. ALL CHECKS MUST BE ISSUED IN U.S. FUNDS ON A U.S. BANK.

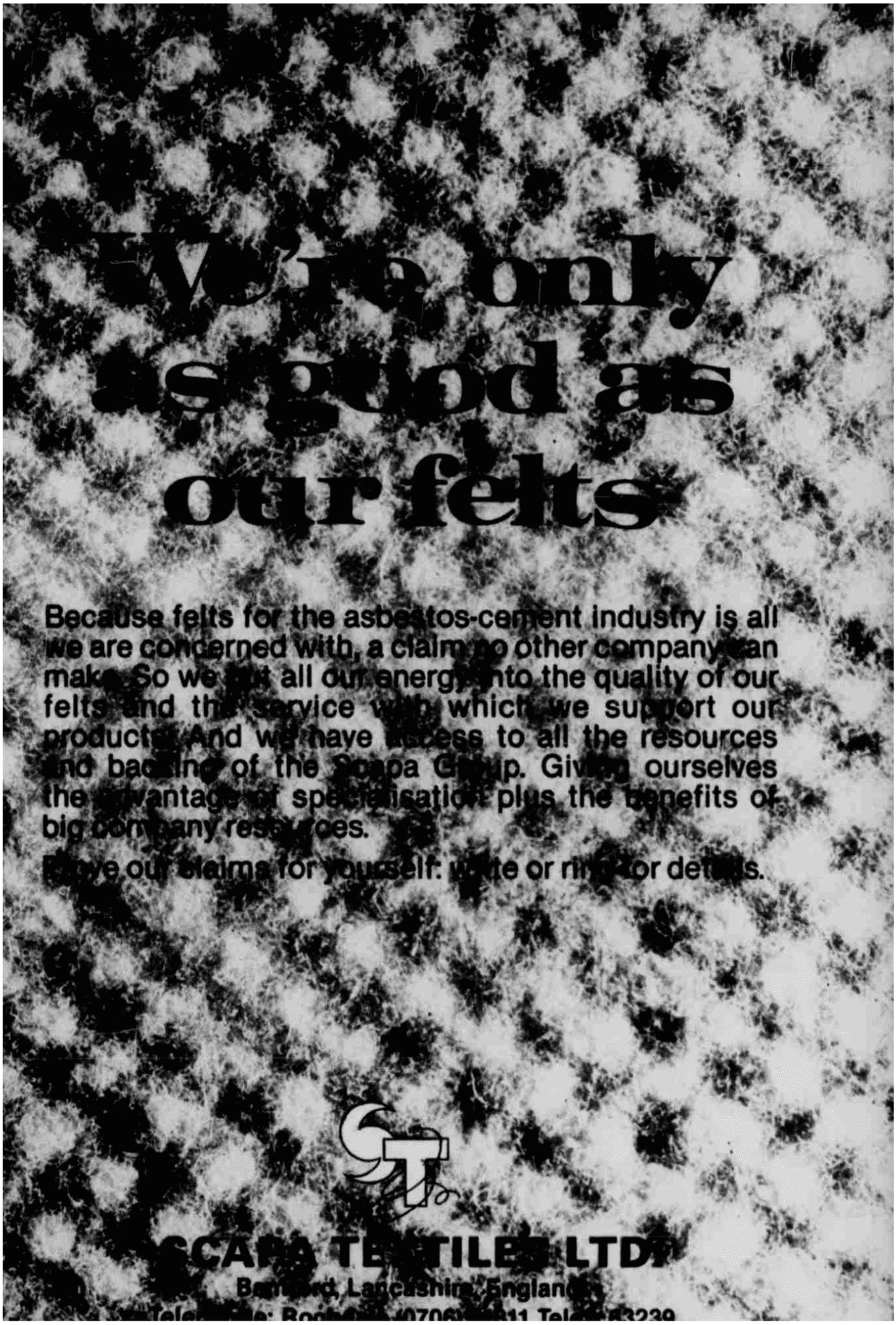
ECONOMIC IMPACTS AND LINKAGES OF THE CANADIAN MINING INDUSTRY—Report of study by Paul E. Nickel and his coworkers at the Centre for Resource Studies, Queen's University; a major conclusion is that promotion of the Canadian mining and mineral processing industries at the expense of other sectors of the economy can be neither justified nor rejected on the basis of currently available information; according to the authors, both government policy and public sentiment seem to favor the further processing of minerals—but the problems of maintaining Canadian competitiveness and penetrating foreign markets with processed items have to be solved before a general policy on further processing can be successfully implemented; similarly, the scope for expanding backward linkages from mining through the purchase of more Canadian-made equipment and supplies is very limited. [141 pages; C$4.00; order from Dr. C. G. Miller, Center for Resource Studies, Queen's University, Kingston, Ontario K7L 3N6, Canada]

PREVENTING CANCER: HOW TO REDUCE YOUR RISKS BY UP TO 50%—According to the author, Dr. Elizabeth M. Whelan, an Epidemiologist at Harvard School of Public Health, the most effective "cure" for cancer is not some yet-to-be-discovered wonder drug, but simple preventive modifications of our habits and life styles; recent findings are presented which link cancers of various types to such factors as diet, smoking, sex and drinking habits, and exposure to chemicals and radiation; out of these studies grow a series of specific recommendations which can, depending on age and other conditions, reduce chances of developing cancer 20% to 50% or more. Dr. Whelan is Executive Director of the newly-formed American Council on Science and Health. [$9.95 plus $1.00 shipping; W. W. Norton & Company, Inc.]

ENGINEERING ASPECTS OF ASBESTOS DUST CONTROL—Authored by Gyan S. Rajhans of the Ontario Ministry of Labour and Gordon M. Bragg of the University of Waterloo; believing that asbestos dust can be controlled effectively using current technology and that the risks of exposure can be minimized, this book has been written to show how engineers can effectively control exposure levels in the workplace; the control measures can be optimized at minimum cost and maximum safety without significant dislocation of production processes. [191 pages; $28.00; Ann Arbor Science Publishers Inc.]

4TH JOINT CONFERENCE ON SENSING OF ENVIRONMENTAL POLLUTANTS—Proceedings of the biennial 1977 Conference; contains 245 papers organized into 38 technical sessions plus two concluding panel discussions; includes the opening plenary session which introduced to the delegates the national and international implications of pollution studies; the technical sessions featured information exchange on the interrelationship of sensing methodologies and the definition and evaluation of the con-

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 54 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/54



Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/55

sequences of man's interaction with his environment. [945 pages; $50.00; The American Chemical Society]

HIGH PERFORMANCE MASS SPECTROMETRY: CHEMICAL APPLICATIONS—Editor Michael L. Gross discusses significant developments and reviews the current state of knowledge; subjects covered are chemical and field ionization, ultra-high resolution, new methods of defocused metastable scans, collisional activation spectrometry, field ionization kinetics and new techniques in gas chromatography/mass spectrometry and sample introduction. [349 pages; $28.00; The American Chemical Society]

UILI DIRECTORY OF MEMBERS—Records the names, addresses and fields of activity of all members of the International Union of Independent Laboratories; provides potential users of pertinent services with a ready means of locating the most appropriate laboratory or consultant; written in English, German, French, Spanish, Danish and Dutch. [176 pages; DM10.00; order from A. Herzka, Secretary-General, Union Internationale des Laboratoires Independants, Ashbourne House, Alberon Gardens, London NW11 OBN, England]

LABOR ECONOMICS: A GUIDE TO INFORMATION SOURCES—Ross E. Azevedo, Editor, studies a broad range of situations existing between the extremes of unemployment/poverty and full employment inflation and reflects basic changes in the national economy; the major part of the cross-referenced guide is a bibliography of books and articles arranged by journals, government publications and information services. [261 pages; $22.00; Gale Research Company]

INTERNATIONAL BUSINESS AND COMPANIES YEARBOOK—1978/79 edition lists nearly 5,000 company names, including principal, subsidiary and associated companies; contains an in-depth analysis of some 800 international companies classified in the categories of oil and mining, utilities, retailing, transportation, financial and industrial; gives extensive details such as addresses and information about directors, major shareholders, assets and capital, financial results, and acquisitions and developments. [$62.00; The Financial Times]

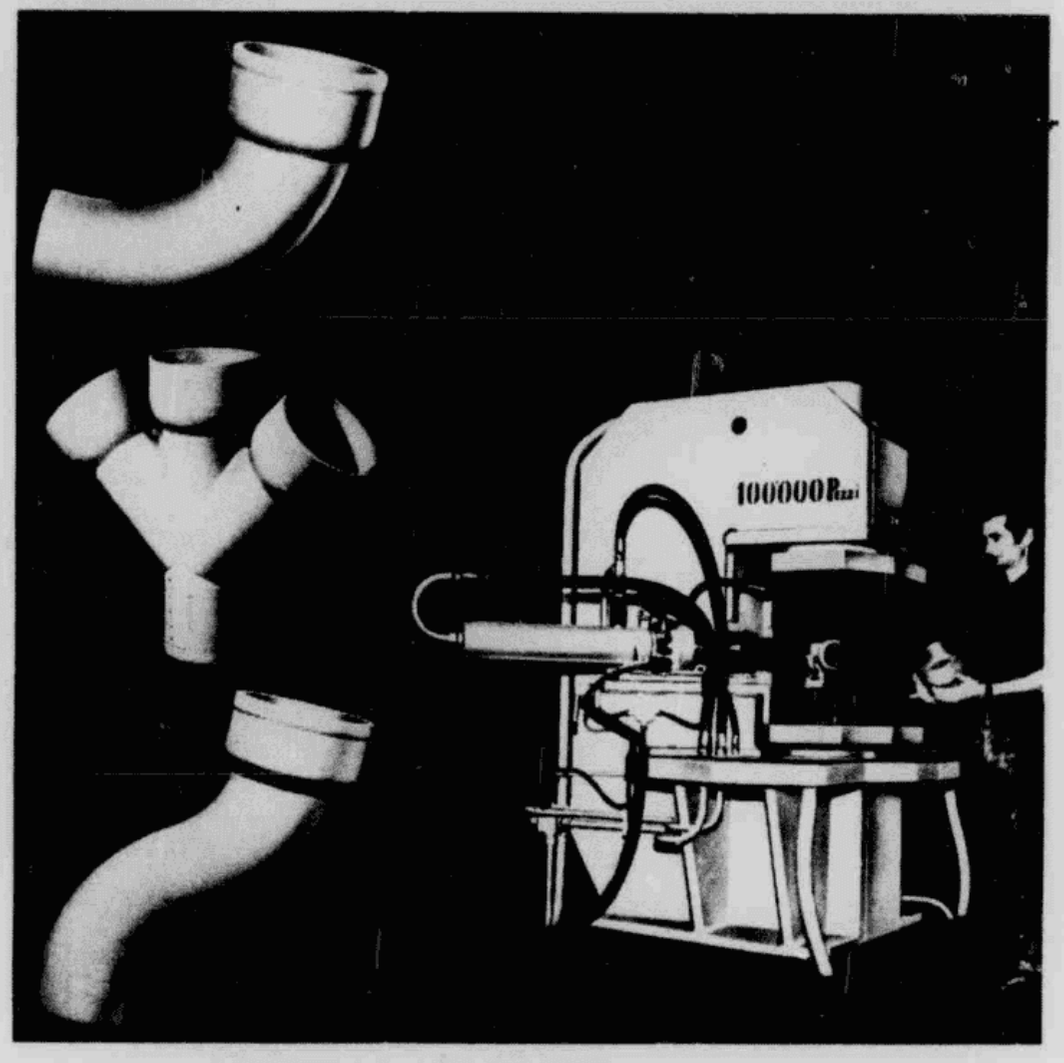
THE ENERGY REGULATION SERVICE—Created to help keep up with energy-related laws and regulations, supplies, usage and conservation; consists of the Energy Manual, Manual updates every three months, newsletters to spotlight key developments in each Manual update, action bulletins to analyze and explain major developments and an information hot line for person-to-person queries. [Loose-leaf binding; $145.00 per year; The Center for Compliance Information]

CAMPAIGN CONTRIBUTIONS AND LOBBYING LAWS—Condensed and orderly compilation of over 100 federal, state and territorial laws governing political activity; quick, compact reference for those who contribute money and/or information to the political process. [$75.00; Federal-State Reports, Inc., and its parent organization, The Martin Haley Companies]

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 56 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/56

ISPRA s.p.a.

Paderno Dugnano (Milan) — Italy —
Telex: 36113



"P 8" Plant for the production of asbestos-cement fittings for pipes, gutters and similar articles

---

ispra

Automatic INJECTION Plants

Still Available . . . .

THE ASBESTOS FACTBOOK, 3RD EDITION—Compiled by the staff of ASBESTOS Magazine; written in layman's terms; offers useful information on the origin, locations and uses of asbestos; gives the chemical compositions of the various types of the mineral; contains data concerning testing methods and grades. [28 pages; $1.00 per paper-bound copy; order from ASBESTOS Magazine]

CHRYSOTILE ASBESTOS TEST MANUAL, 3RD EDITION—Prepared jointly by the Asbestos Textile Institute, Inc., and the Quebec Asbestos Mining Association; provides 34 standard methods for testing the physical and chemical properties of Chrysotile asbestos fiber. [C$25.00 per copy; place orders with the Quebec Asbestos Mining Association, 580 Grande-Allee est, Suite 320, Quebec City, Quebec G1R 2K2, Canada]

ASBESTOS/A REMARKABLE MINERAL FIBER—Reference book on asbestos by Marion S. Badollet; presents technical information on asbestos minerals and data on the chemical, physical and optical properties of Chrysotile, Riebeckite, Anthophyllite and Tremolite; contains electron micrographs, thermal analyses and X-ray diffraction patterns. [80 pages; $20.00 per copy; advance payment required; order from ASBESTOS Magazine]

JAQUAYS ASBESTOS CORPORATION

Finest Filter Fiber Available Anywhere in the World

We've been in business for 25 years — continually mining and milling Arizona Low-Iron Chrysotile Asbestos

All Grades Are Available
Crude 1 thru Group 7

Samples and Information On Request

P.O. Box 328, Globe, Arizona 85501

Telephone: (602) 425-6381 or 425-2621

●

Cable Address: "JABESTOS"

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/58

Scandura. We'll take asbestos to any lengths.

Any lengths. Any widths.
From yarns which are used to wind automotive clutch facings through to tapes and cloths, packings and jointings, which are all used in a wide variety of applications.
Our manufacturing techniques reflect the best of both worlds. The application of the very latest methods and equipment with the know-how and experience of one of the longest established asbestos product manufacturers. So whatever lengths or widths you want to go to, we can help.
Scandura Ltd. P.O. Box 18, Cleckheaton, Yorkshire BD19 3UJ. Tel. Cleckheaton 0274 875711.

SCANDURA
A TBA GROUP COMPANY



Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/59

CALENDAR OF EVENTS

INDUSTRIAL POLLUTION/CALL FOR PAPERS—The 1979 Industrial Pollution Conference will be held *March 27-29, 1979*, in Philadelphia, Pennsylvania, by the Water and Wastewater Equipment Manufacturers Association; outlines and abstracts of papers should be submitted by *October 31*.

INTERPRETATION OF MASS SPECTRA—A course of the American Chemical Society; *November 3-4* at Boston, Massachusetts; *November 29-December 1* at San Francisco, California.

MATERIALS TECHNOLOGY—5th Inter-American Conference sponsored by the U.S. Office of Naval Research, the U.S. National Bureau of Standards and the Secretary of State of Science, Technology and Culture of the State of Sao Paulo; Hilton Hotel, Sao Paulo, Brazil; *November 5-10*.

UNIVERSITY OF WISCONSIN—Extension Courses to be held on the Madison Campus unless otherwise noted: Product Liability for Claims Personnel, *November 6-7;* Land Treatment of Wastewater Design, *November 6-10;* Preventing Building Design and Construction Failures, *November 9-10;* Preventive Maintenance, *November 16-17;* Structural Foams, *November 30-December 1;* Industrial Applications of TV Systems (Milwaukee), *November 30-December 1;* Encapsulation, *December 4-5;* Alternative Resources and Materials, *December 4-5;* Wastewater Treatment and Disposal, *December 4-8;* Solid Waste Collection Systems, *December 5-6;* Energy Management in Industrial Facilities, *December 11-12;* Built-Up Roofing Design, *December 11-15;* Product Reliability (Milwaukee), *December 11-16*.

PLANT PHYSICIANS/INDUSTRIAL MEDICAL DIRECTORS—Conference sponsored by the Asbestos Information Association/North America; Tulane University, New Orleans, Louisiana, *November 9-10*.

CURRENT ENVIRONMENTAL LAWS & REGULATIONS—Masters' Seminar conducted by Government Institutes, Inc.; Washington, D. C., *November 9-10*.

CORROSION—Continuing Education Sessions planned by the National Association of Corrosion Engineers; Holiday Inn Downtown, Richmond, Virginia, and Del Webb's Newporter Inn, Newport Beach, California; *November 12-17*.

ASBESTOS— Intensive Course, in French, presented by Sherbrooke University at Sherbrooke, Quebec; *November 13-17*.

MINE ENVIRONMENTS—Professional Development Seminars at McGill University, Montreal, Quebec: Health and Safety Aspects, *November 13-17;* Engineering Aspects, *November 20-24;* Social Aspects, *November 27-December 1;* Environmental Control, *December 4-8*.

PLANT ENGINEERING & MAINTENANCE—Southwestern Conference and Show produced by Clapp & Poliak, Inc.; Albert Thomas Convention Center, Houston, Texas; *November 14-16*.

OCCUPATIONAL HEARING CONSERVATION—Course announced by Audiometric Associates; Oak Brook, Illinois; *November 15-17*.

APPROPRIATE INDUSTRIAL TECHNOLOGY—International Forum organized by the United Nations Industrial Development Organisation and the Government of India; New Delhi, India; *November 20-30*.

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 60 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/60

from feasibility study to successful operation...

Unique service in Asbestos Cement Plants.

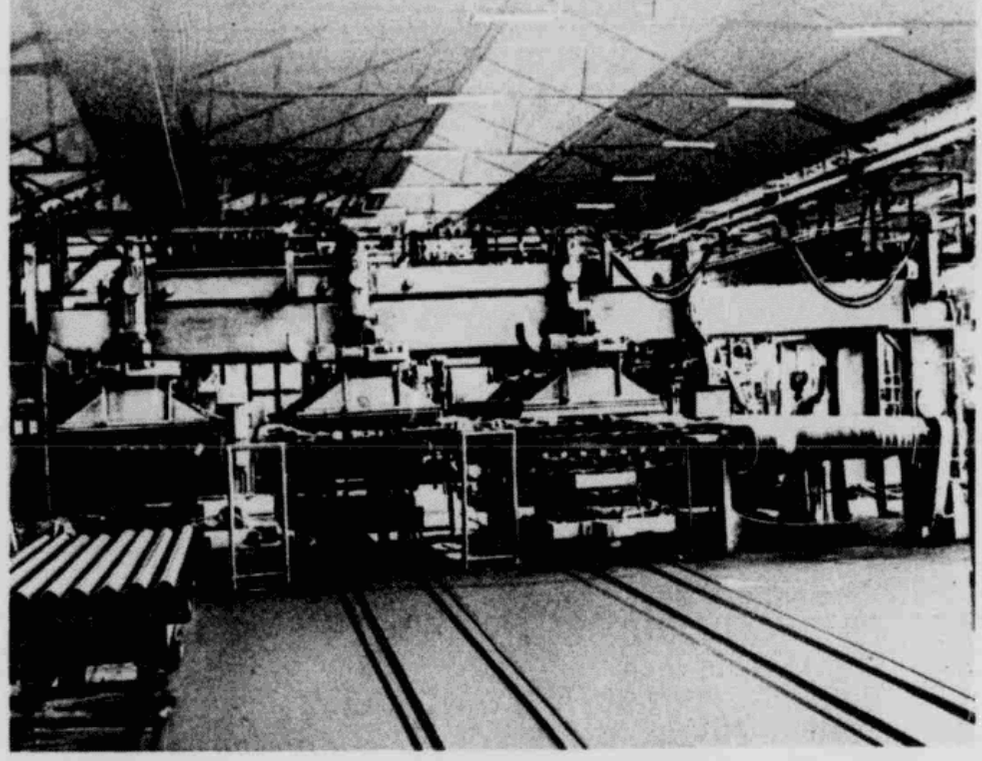
HYDERABAD ASBESTOS India's largest manufacturers of Asbestos Cement Products with over 30 years of experience, offer a comprehensive package of turn-key service—individual plants and know-how to set up new A.C. sheets and pressure pipes manufacturing plants or expand the existing ones.

The turn-key service consists of feasibility studies, project engineering, manufacture, supply, erection and commissioning of automatic and semi automatic plants, personnel training and production know-how. Robustly built, easy to operate and maintain, HYDERABAD ASBESTOS A. C. Plants have been set up in many parts of the world.

Please write to :

The Export Division

HYDERABAD ASBESTOS
CEMENT PRODUCTS LIMITED
Sanatnagar, Hyderabad - 500 018 (India)



Pneumatic Sheet Corrugating Unit

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/61

TECHNICAL WRITING FOR THE MINERAL INDUSTRY—A Technical Course at Mackay School of Mines, Reno, Nevada; *November 20-December 1.*

ANALYTICAL TECHNIQUES IN ENVIRONMENTAL CHEMISTRY—International Congress to be held at the Palacio de Congresos, Barcelona, Spain; *November 27-30.*

AMERICAN VACUUM SOCIETY—25th National Vacuum Symposium; Fairmont Hotel, Nob Hill, San Francisco, California; *November 27-December 1.*

TOXIC SUBSTANCES CONTROL—3rd Annual Conference of Government Institutes, Inc.; Shoreham American Hotel, Washington, D. C.; *December 4-6.*

ENVIRONMENT—2nd International Congress; Centre International de Paris, Paris, France; *December 4-8.*

FIBROUS COMPOSITE STRUCTURES—Continuing Engineering Education Program at The George Washington University, Washington, D. C.; *December 5-8.*

TEXTILE INDUSTRY TECHNOLOGY—Symposium convened by the U.S. Environmental Protection Agency; Colonial Conference Center, Williamsburg, Virginia; *December 5-8.*

METRIC MANAGEMENT—Workshop of the American National Metric Council; Orlando, Florida; *December 7-8.*

ORE DEPOSITS—4th Annual Workshop at the University of Toronto, Toronto, Ontario; *December 11-15.*

ALL ASBESTOS-CEMENT MACHINES NEED

BACKING—and TOP WIRES of

PHOSPHORBRONZE and STAINLESS STEEL

DIAGONALLY SEAMED or in OPEN EXECUTION

YOUR COMPETENT MANUFACTURER

VILLFORTH

Vereinigte Metalltuch-Fabriken
PETER VILLFORTH
D-7410 Reutlingen
Betzenriedstraße 10
Postfach 40

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/62

SALE OR LEASE

CHAPARRAL HILL AREA

194 acres, unimproved,

Tuolumne County, Sonora, Calif.

A geology study made in 1961, by current mining methods, indicates the entire deposit to contain 4.5 to 9-million tons of recoverable asbestos grades 4 to 7.

●

For a copy of the report, please write:

V. M. SCHLUTTER

Charles Center Realty Co.

Suite 308, 22 West Pennsylvania Avenue

Towson, Maryland 21204

TELEPHONE: (301) 296-1545

Asbestos Magazine, 1978, October 1978
ACL Doc 12714 · Page 63 of 70
Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/63

ASBESTOS

ALL KINDS

FOR ALL USES

•

TECHNICAL SERVICE

AVAILABLE

•

CENTRAL ASBESTOS

Co., LTD.

CENTRAL HOUSE • THOMAS ROAD • LONDON E14 7BQ

Phone 01-987-5711 Telex 24211 Cables CENBESTOS LONDON

CENTRAL ASBESTOS (S.A.) PTY LTD.

P.O. BOX 61826, MARSHALLTOWN, TRANSVAAL

WHY DO HARDMAN'S

Supply so many large pipe machine felts?

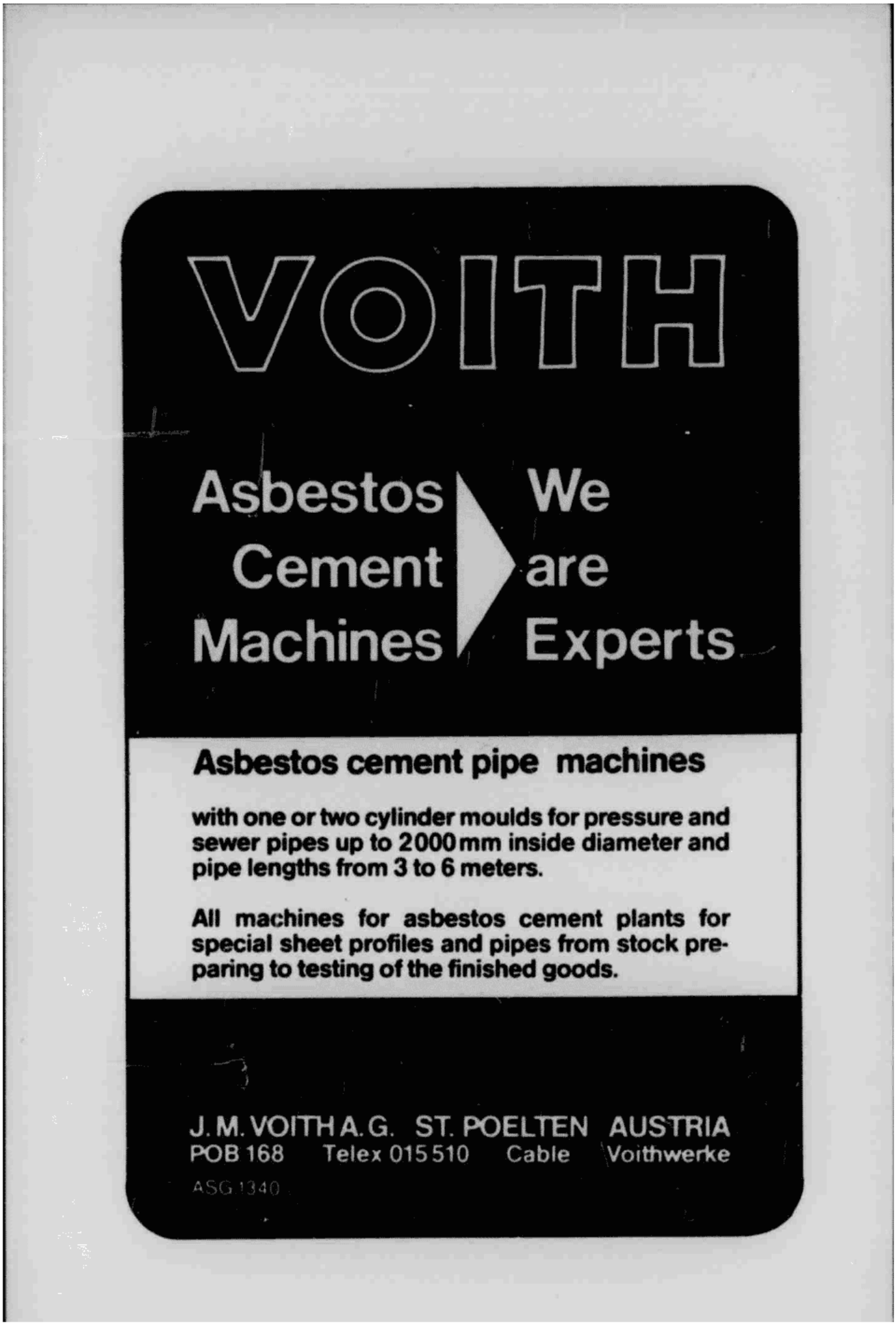


Because our unique method of heat setting fibres practically eliminates any tendency for felts to fold or crease on the machine.

Thomas Hardman & Sons Limited

Hornby St., Bury, Lancs. BL9 5BD, England
Telex 667477; Cables Felts Bury
Tel. 061-764 4825

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/65


VOITH
Asbestos Cement Machines
We are Experts
Asbestos cement pipe machines
with one or two cylinder moulds for pressure and sewer pipes up to 2000 mm inside diameter and pipe lengths from 3 to 6 meters.
All machines for asbestos cement plants for special sheet profiles and pipes from stock preparing to testing of the finished goods.
J. M. VOITH A. G. ST. POELTEN AUSTRIA
POB 168 Telex 015 510 Cable Voithwerke
ASG 1340

The Great Protector



NOVATEX®

Now there's an asbestos textile you can buy that's actually cleaner than OSHA requires when used with proper work practices. One that provides you with twice the heat resistance over conventional textiles. That's 35% stronger in tensile strength and tear strength. That's up to 50% lighter, making it easier to fabricate and handle. That protects people and equipment with cloth, tape, tubing and yarn. And on top of all this, one that actually costs less than most conventional textiles.

It's NOVATEX. And we'd like you to know more about it. Contact us for more information.

RM
Textile Group

RM Industrial Products Co.
A division of Raybestos Manhattan Inc.
North Charleston, S.C. 29406

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/67

Carey-Canadian has this young man's future in mine.



He may grow up to be a doctor. Or he may work on a construction gang. Whatever he becomes, asbestos from Carey-Canadian will somehow touch his life.

You see, Carey-Canadian has been mining the rich fibrous Chrysotile Asbestos of Quebec since 1918. We mill and refine the ore into over 30 grades to be used in thousands of products, including paint, brake linings, acetylene cylinders and water pipes. The list is endless... and it seems that our reserves are endless, too, with proven resources for at least 50 more years. Give your Carey-Canadian man a call today.

Carey-Canadian... one of the largest, most trusted producers of Chrysotile Asbestos.

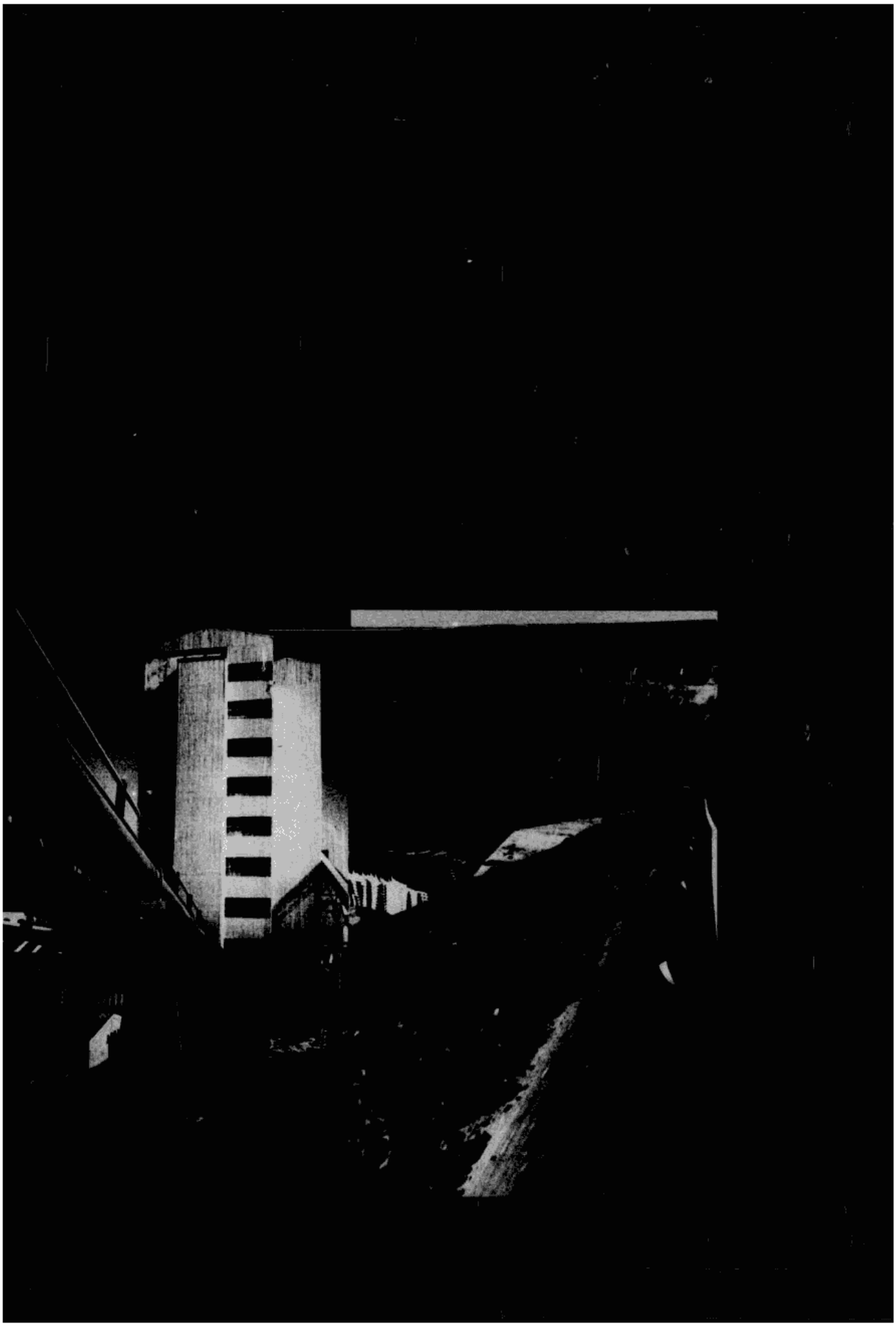
a Jim Walter company

CAREY
ASBESTOS FIBRE

Carey-Canadian Mines Ltd. • P.O. Box 190 • East Broughton Station, P.Q. • Canada G0N 1H0
Phone: (418) 426-3050 • Telex: 05-834 554 CAREYMINE EABR • Cable: CARMINES EASTBROUGHTONPQ

UNITED STATES • ATLANTA, Thompson-Hayward Chem. Co. • BIRMINGHAM, Thompson-Hayward Chem. Co. • BOSTON, Wm. D. Egleston Co., Inc. • BROOKLYN, Empire Ace Insulation Mfg. Corp. • BUFFALO, Commercial Chemicals Inc. • CHICACO, Daniel G. Hereley Co. • CLEVELAND, Donald McKay Smith, Inc. • DALLAS, Thompson-Hayward Chem. Co. • DENVER, Thompson-Hayward Chem. Co. • DETROIT, A. E. Fleming Co. • HOUSTON, Thompson-Hayward Chem. Co. • KANSAS CITY, Thompson-Hayward Chem. Co. • LITTLE ROCK, Thompson-Hayward Chem. Co. • LOS ANGELES, John K. Bice Co. • MEMPHIS, Thompson-Hayward Chem. Co. • MIAMI, Thompson-Hayward Chem. Co. • MINNEAPOLIS, Thompson-Hayward Chem. Co. • NASHVILLE, Thompson-Hayward Chem. Co. • NEW ORLEANS, Thompson-Hayward Chem. Co. • NEW YORK, Smith Chemical & Color Co., Inc. • OKLAHOMA CITY, Thompson-Hayward Chem. Co. • PHILADELPHIA, George A. Rowley & Co., Inc. • PITTSBURGH, McCann-Shields Paint Co. • PORTLAND, OR. Chemical Distributors, Inc. • SAN FRANCISCO, Carmona Chemical Co. • ST. LOUIS, Thompson-Hayward Chem. Co. • TAMPA, Thompson-Hayward Chem. Co. • TRENTON, H. M. Royal, Inc. • TULSA, Thompson-Hayward Chem. Co. • CANADA • HAMILTON, Canada Colors & Chemicals, Ltd. • MONTREAL, Canada Colors & Chemicals, Ltd. • TORONTO, Canada Colors & Chemicals, Ltd. • VANCOUVER, Canada Colors & Chemicals, Ltd.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/68



Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/69

Cleaner than OSHA requires...

NOVATEX®

Now there's an asbestos textile that emits fewer fibers than the current OSHA standard when used with proper work practices. It's NOVATEX. Its yarns are extruded wet through a nozzle—not formed dry—which makes it cleaner. Then the NOVATEX products are treated with SEALSAFE™, our exclusive process that further locks in fibers.

Beyond clean, NOVATEX is the best protection you can specify. ASTM Grade AAAA. Protects to 900° F. 35% stronger, 50% lighter, and more economical than most conventional textiles. Available in cloth, tape, tubing and yarn.

See why we call NOVATEX the Great Protector. Contact us for more information.







RM™
Textile Group
RM Industrial Products Co.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12714/70