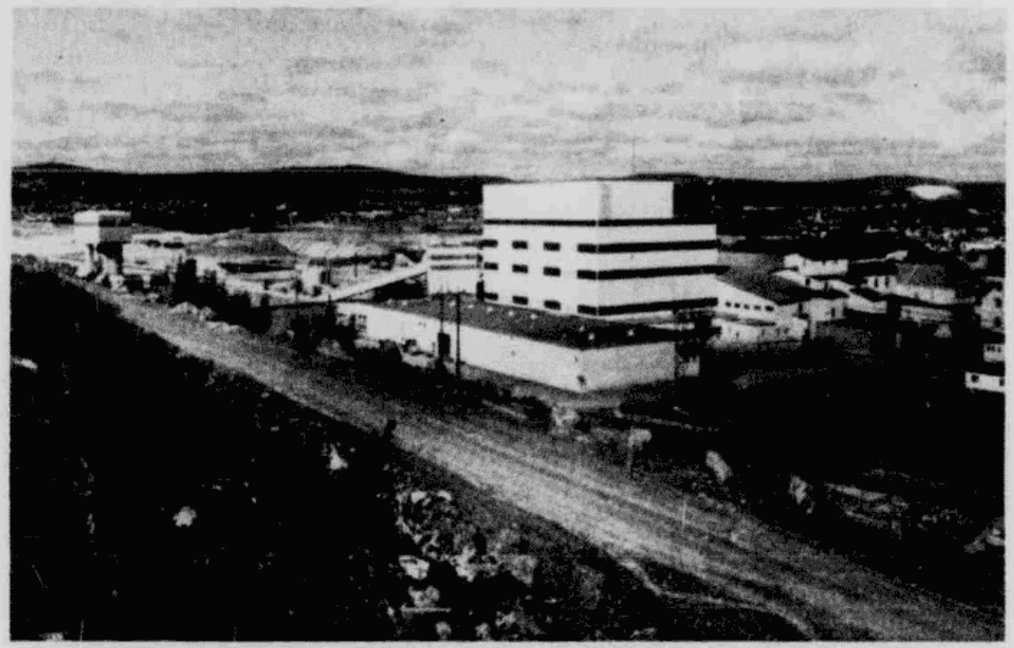

30 ft.
in
one piece
not
welded
We
produce
many
moulds
Please write to
D-4800 Bielefeld 14 · Germany
P.O. Box 140810 · Tel. 0521/44721
Telex 937333 tub
THYSSEN
THYSSEN UMFORMTECHNIK
Werk Brackwede

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 59 **JANUARY 1978** **NUMBER 7**

FOUNDED JULY 1919 AND PUBLISHED MONTHLY SINCE THAT DATE

CONTENTS

GREETINGS FROM INDUSTRY LEADERS 4
1977 REVIEW OF ASBESTOS PRODUCTS INDUSTRY:
- U.S. PRODUCT IMPORTS & EXPORTS 12
- CANADIAN PRODUCT IMPORTS & EXPORTS 16
- U.S. DEPARTMENT OF COMMERCE 18
- PRODUCT LIABILITY 20
- BATTELLE R&D FORECAST 20
- ASBESTOS WORKERS UNION 21
- UNITED NATIONS AGREEMENT 21
- TEXTILE STUDY BY SORES/LITTLE 21
- ASBESTOS PAPER AND FELT 22
- QAMA MANUFACTURING STUDY 24
- NEWS FROM THE MANUFACTURERS 24

PRODUCTION—IMPORTS—EXPORTS 36
CURRENT ASBESTOS PRICES 44
ASBESTOS STOCK QUOTATIONS 46
ASBESTOS STORY RINGS TO PIUZE & OUGHTRED 48
OBITUARY—NELSON F. BAIN 50
WELCOME TO NEW ADVERTISER 50
BIRTHDAY GREETINGS 52
CALENDAR OF EVENTS 56
REMEMBER WHEN? 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.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/3

Greetings From Industry Leaders

ASBESTOS CORPORATION LTD.

M. E. Taschereau, President & Chief Executive Officer

The past year has been one of economic recession in many of the principal world markets served by our Company and indications are that the coming year will be difficult until conditions improve in various countries.

The Company's program of major capital expenditures to meet environmental standards proceeded on schedule throughout the year and the results at all of our properties are encouraging.

We, at ACL, look forward to the future with confidence and wish to take this opportunity to thank our customers for their support throughout 1977.

It is a pleasure on behalf of Asbestos Corporation to extend to our friends in the Asbestos Industry throughout the world our best wishes for a happy and successful New Year.

BBA GROUP LTD.

D. M. Pearson, Chairman

In 1977 the market for asbestos textiles in the United Kingdom has continued to be rather sluggish, although home sales have been better than in 1976 and there have been some substantial export orders. Sales of friction materials in the U.K. have continued to increase despite the difficulties in the British automotive manufacturing industry, whilst sales on the Continent of Europe have been somewhat static.

Public concern about the hazards of asbestos has, perhaps, abated to some extent during the year. Both written and verbal evidence was submitted to the Advisory Committee on Asbestos (Simpson Committee), set up by the Health and Safety Executive of the British Government; the final report of this Committee is still awaited.

On behalf of BBA Group Ltd. I wish all our friends in the Asbestos Industry a happy Christmas and a prosperous New Year.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 4 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/4

CALAVERAS ASBESTOS LTD.

Gordon A. Coats, President

Calaveras is pleased to be a member of the Asbestos Industry. In just two years we have had the pleasure of meeting so many fine people associated with our Industry and their assistance and guidance contributed to the most successful year in our Company's history.

During 1977 it was our pleasure to welcome as a limited partner Wilbur-Ellis/Connell Bros. This fine organization, which has represented us in the Far East for two years, acquired an interest in our Company in July.

I'm confident we were not alone in having to pay substantially higher energy costs (over 100% increase in one year) and environmentally-related payouts (400% over budget). Obviously, these higher costs had a tremendous impact on earnings.

We welcomed many visitors from foreign lands in 1977, and extend a warm welcome to those of you who would like to visit us in 1978. Best wishes to all our friends and customers.

CAPE INDUSTRIES LTD.

R. H. Dent, Chairman

I am glad to have the opportunity of extending my best wishes for Christmas and the New Year to all friends of Cape Industries Ltd. throughout the world.

International economic and political problems have continued to create a lack of confidence in industrial growth in many of the Western countries and we hope that we may soon look forward to a restoration of industrial investment on a larger scale. The need for the conservation of energy resources emphasizes the importance of adequate thermal insulation, while safety in public buildings and other places requires fire protection of a high order which can so satisfactorily be provided by asbestos-based products, used either alone or in conjunction with other materials.

Cape will, as in the past, use every endeavor to make the use of asbestos safe for all, while providing a range of products of the highest possible quality.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 5 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/5

CAREY-CANADIAN MINES LTD.

M. Prus, President & General Manager

It is my pleasure to again extend greetings to associates and friends in the Asbestos Family around the world. May you all have a prosperous and successful New Year.

We are well along in our improvement program for dust control. We are confident we will meet the latest environmental requirements as required several years hence by the Federal and Provincial governments. If you thought we were clean before you should see us now.

Our running changes in the mill have been very successful and we have increased the production capacity of our medium-length fibers significantly. If these fibers are of interest to you, please give us a call.

Best wishes to all.

CERTAINTEED CORPORATION

W. A. Krivsky, Senior Vice President

CertainTeed Corporation wishes the Industry and ASBESTOS Magazine a prosperous and happy 1978.

On the product side of the Asbestos Industry, we continue to work diligently to expand the market for asbestos-cement pipe. Partially due to the fine efforts of the Asbestos-Cement Pipe Producers Association, we have enjoyed our first small successes during 1977 and we look forward to the increasing number of such successes as momentum develops in this long-range program.

We have every reason to believe that the ingenuity and the resourcefulness of the Industry will enable it to successfully cope with the health and cost aspects of production so that asbestos-containing products can continue to be promoted as most cost-effective in the increasingly fierce competition of materials for various applications. With effective product promotion and development on one hand and efficient production on the other, we continue to believe that very substantial growth can and will be developed in this Industry.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 6 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/6

FRENZELIT ASBESTWERKE

F. A. Kopetz, General Manager & H. Bacher, Export Manager

In recent years Frenzelit has had great success in expanding not only its domestic business but also exports, despite well-known problems.

Since 1928 we have been supplying industry with a wide range of asbestos textiles, millboard papers, special papers for cylinder head gaskets, it-materials (compressed asbestos gasketing materials), asbestos-cement facing panels, compensators, etc. Besides conventional products, we have been involved to an increasing extent in developing products for new applications and this effort has enabled us, amongst other things, to increase our export sales by up to 40% in some cases.

But all this was only made possible with the help and advice of our business friends.

In anticipation of your further cooperation in the coming year, please accept our thanks and best wishes for a successful New Year.

JAMES HARDIE ASBESTOS LTD.

J. B. Reid, Chairman

1977 was the 60th Anniversary of the production of asbestos-cement flat sheets in Australia, although the product we manufacture today is significantly different in performance to the 1917 model.

The Australian economy did not show much improvement over the preceding year but, more importantly, good progress has been made in bringing inflation under control.

New activities included the acquisition of the asbestos cement business of Wunderlich Ltd. from C.S.R. Ltd.; construction of a new asbestos-cement pipe plant at Moss Vale in Southern New South Wales, and the commissioning of the asbestos-cement sheet and pipe plant in Indonesia. All these activities are progressing satisfactorily.

We send to our many friends in the Industry around the world, best wishes for Christmas and the hope that the New Year will begin to show a recovery in activity which we are all seeking.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 7 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/7

JOHNS-MANVILLE CORPORATION

John A. McKinney, President

Seasons greetings from Johns-Manville to all our friends in the Asbestos Industry, and our best wishes for a prosperous 1978! Also, a hearty thank you to our customers for their continued support in 1977.

Though the market has been down, we do not believe it is due to concern over environmental control, but a result of the worldwide economy (particularly in Europe). Johns-Manville is continuing to lower dust count levels, as a recent Advocate Mine health and environmental study shows. We are pleased that the report on this study indicates very significant improvements.

Further, we are looking forward to working with the Quebec Government in implementing its Asbestos policies and also in jointly investigating projects which will be of benefit to all Quebecois.

Johns-Manville believes all of us in the Industry can look forward to further improvement in the economic climate in 1978.

LAKE ASBESTOS OF QUEBEC LTD.

Michael J. Messel, President

It is with pleasure that we again extend through ASBESTOS our warmest greetings for 1978 to our friends and customers.

The past year was still a moderately good one for the Asbestos Industry, though the outlook for 1978 is fraught with many environmental, economic and political uncertainties, indicating a decline in asbestos consumption for most products.

Quebec has announced its "Asbestos Policy," the impact of which as yet is difficult to assess.

The Asbestos Industry is going through a difficult period for many and various reasons, and while this leads to some pessimism for the short term, I still feel optimistic for the long-term future and that cooperatively we will find the necessary solutions and compromises for the survival and advancement of the Asbestos Industry.

Best wishes to all.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 8 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/8

NICOLET, INC.

Guy George Gabrielson, Jr., Chairman

Contradictory trends have been evident during 1977 in the markets served by Nicolet, with some showing signs of growth and some of decline. The declines appear to be attributable in part to micro-economic factors and in part to the negative impact of the asbestos/health issue, while growth in other market sectors attests to the fact that the fundamental merits of asbestos materials often outweigh health concerns and governmental regulatory burdens. The next year will be a time of change for a specialty manufacturer like Nicolet, as we try to identify those asbestos markets which can survive the attacks of the asbestos critics.

We at Nicolet wish our Industry friends a happy and prosperous New Year.

RAYBESTOS-MANHATTAN, INC.

William S. Simpson, Chairman

Despite the uncertainties of asbestos regulations in the future, we look forward to the coming year with optimism. We foresee a gradual reduction in the production of conventional asbestos yarns with an accompanying gain in products from our unique Novatex® process in the domestic market. Hopefully asbestos prices will not continue to escalate and higher priced substitute materials will not make major inroads in 1978.

The Asbestos Industry is at a very critical period in its history. The nationalization approach in Quebec poses a severe threat to additional private capital investment at a time when Rhodesian fibers are no longer available in many countries. Glass and other filaments are beginning to make their appearance in product lines because of the expenses imposed on all customers by government regulations.

Basic decisions must be made and new strategies charted to meet current problems. Failure to recognize that times are changing will be damaging to suppliers. The inability to earn reasonable profits during this critical period will also cause hardship and stifle growth.

With these worrisome thoughts we leave you with best wishes for a New Year, knowing that challenge brings out the best in all of us.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 9 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/9

SOUTHERN ASBESTOS COMPANY

E. C. Bratt, President

Once again through the courtesy of ASBESTOS Magazine, we are pleased to send holiday greetings and best wishes to all in the Industry.

1977 has been a relatively good year. May 1978 be a prosperous one.

TURNER & NEWALL LTD.

Patrick Griffith, Chairman

For us, 1977 was a year of expansion in which we acquired several more asbestos-based manufacturing companies in Europe and America. In 1978 we plan to increase fiber production and to invest more in asbestos-based manufacture around the world.

I am confident that the Asbestos Industry can meet the challenges which this New Year will bring and wish all our friends good fortune in that task.

VERMONT ASBESTOS GROUP, INC.

John Lupien, Chairman of the Board of Directors

As with everyone in the Asbestos Industry, we at Vermont Asbestos Group have been experiencing a slowdown in our fiber sales. However, we expect the market to normalize soon and fiber sales will again increase.

We have been conducting some intensive exploration into the mineral resources of our Belvidere Mountain and find that, besides a few incidental minerals, we have enough asbestos to carry us through 12 years of surface mining. Our years of operation, if we go underground, are undetermined at this time but substantial.

Our subsidiary, Vermont Industrial Products, Inc., of Morrisville, has recently started construction on the new plant. VIP will manufacture a fireproof wallboard. The plant will employ 40-60 people and should be in operation by June or July 1978.

From all of us at VAG, the happiest of holiday seasons and best wishes for a prosperous New Year.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 10 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/10

WOODSREEF MINES LTD.

Harry Robinson, Chairman & Managing Director

Although 1978 will not be an easy year for the Asbestos Industry, we are confident that the forecast upturn in the world economy will show its effects in the second half of the year.

We, at Woodsreef in Australia, believe that 1979 could see the commencement of a resurgence throughout the Industry. This can be achieved by becoming more innovative in the areas of new products and manufacturing techniques.

In 1978 we hope that worldwide cooperation within the Industry will increase. Woodsreef would support any moves to strengthen and improve our international associations, especially in the health and environmental areas.

Our best wishes for 1978 to all of our friends throughout the world.

NEXT ISSUE: *IDENTIFICATION & MEASUREMENT OF ASBESTOS FIBERS BY ELECTRON MICROSCOPY, by E. J. Chatfield, Ontario Research Foundation.*

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.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/11

ANNUAL REVIEW—1977: PART II
ASBESTOS PRODUCTS INDUSTRY

U. S. PRODUCT IMPORTS

The quantity and value of asbestos-based products imported into the United States appear to be on the upswing, according to data issued by the U.S. Bureau of the Census and published monthly in this Magazine. As will be noted from the following statistical tables, a comparison between the year ended August 1977 and that of August 1976 shows the United States increased her quantity of imports of asbestos yarn, cloth and tape 11.5%; asbestos-cement pipes, tubes and fittings 76.4%; and other asbestos-cement articles 97.6%. The value of other asbestos articles imported rose 9.2%. The total value of all asbestos products imported into the U.S. rose 48.3%, i.e., $29,637,523 in 1977 vs. $19,984,210 in 1976. Values for prior years were $24,227,826 in 1975, $18,360,227 in 1974, $13,599,742 in 1973 and $10,086,722 in 1972.

U.S. IMPORTS OF ASBESTOS YARN, CLOTH & TAPE

By order of importance, sources in 1977 were: Mexico, Canada, Taiwan, United Kingdom, Japan, West Germany, Brazil, Venezuela, Spain, Korea, China, Sweden, France, Norway, India and Denmark.

Year to August 1977—7,666,978 lbs.; valued at $14,784,257
Year to August 1976—6,876,990 lbs.; valued at $ 9,952,008
Year to August 1975—8,346,483 lbs.; valued at $11,140,270
Year to August 1974—8,227,759 lbs.; valued at $ 7,211,755
Year to August 1973—5,665,371 lbs.; valued at $ 5,023,074
Year to August 1972—3,720,947 lbs.; valued at $ 3,445,037

U.S. IMPORTS OF ASBESTOS-CEMENT PIPES, TUBES & FITTINGS

By order of importance, sources in 1977 were: Mexico, 11,790,508 lbs.; West Germany, 995,406 lbs.; Canada, 34,484 lbs.

Year to August 1977—16,215,625 lbs.; valued at $ 1,724,187
Year to August 1976— 9,192,970 lbs.; valued at $ 911,021
Year to August 1975—16,125,671 lbs.; valued at $ 1,466,765
Year to August 1974—13,243,692 lbs.; valued at $ 889,065
Year to August 1973—21,687,639 lbs.; valued at $ 1,332,108
Year to August 1972—44,359,673 lbs.; valued at $ 2,193,960

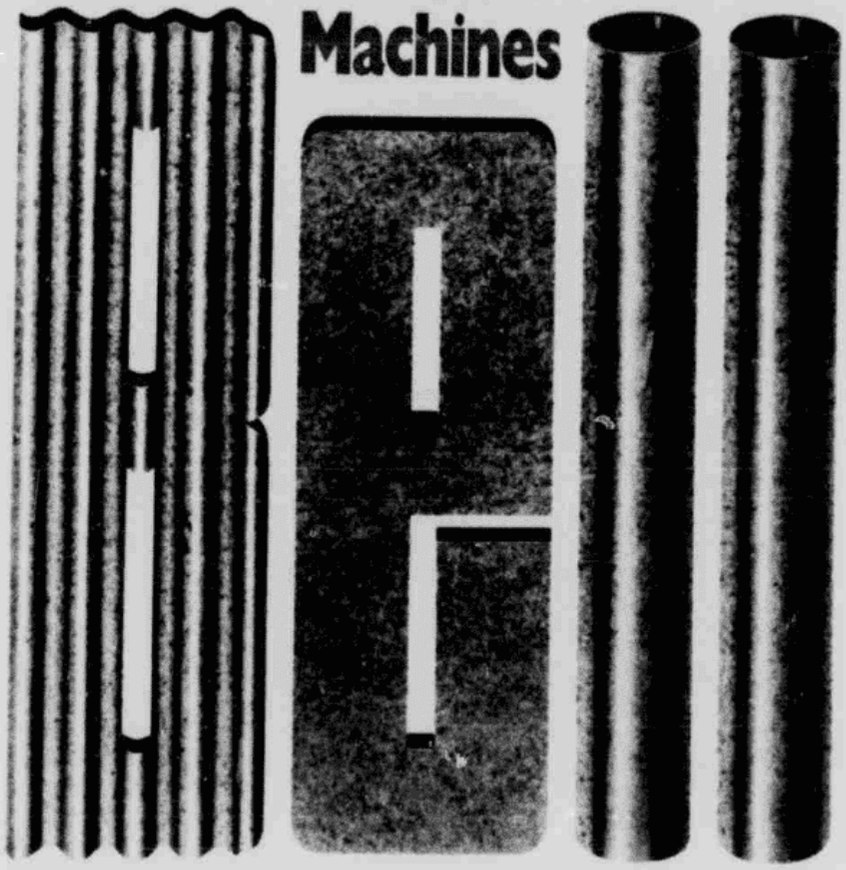
U.S. IMPORTS OF OTHER ASBESTOS-CEMENT PRODUCTS

By order of importance, sources in 1977 were: West Germany, Canada, Belgium, Mexico, Colombia, Costa Rica, Japan, The Netherlands, Australia and United Kingdom.

Year to August 1977—45,223,782 lbs.; valued at $ 7,112,457
Year to August 1976—22,882,933 lbs.; valued at $ 3,610,490
Year to August 1975—43,426,447 lbs.; valued at $ 6,065,923
Year to August 1974—48,832,297 lbs.; valued at $ 6,074,241
Year to August 1973—26,260,324 lbs.; valued at $ 4,405,838
Year to August 1972—17,796,464 lbs.; valued at $ 2,783,050

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 12 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/12

Asbestos Cement Machines



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

Waterring 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/12705/13

U.S. IMPORTS OF OTHER ASBESTOS ARTICLES

By order of importance, sources in 1977 were: United Kingdom, Japan, Canada, West Germany, Brazil, Mexico, Sweden, Belgium, Yugoslavia, The Netherlands, France, Taiwan, Norway, Austria, Switzerland, Guatemala, Spain, The Philippines, Argentina and Denmark.

Year to August 1977—valued at $6,016,622
Year to August 1976—valued at $5,510,691
Year to August 1975—valued at $5,554,868
Year to August 1974—valued at $4,185,166
Year to August 1973—valued at $2,838,722
Year to August 1972—valued at $1,664,675

U. S. PRODUCT EXPORTS

The total value of all asbestos-containing materials exported from the United States for the year ended August 1977 rose 33% over the prior year, i.e., $75,912,352 in 1977 vs. $57,089,565 in 1976. Values for prior years were $62,478,339 in 1975, $53,027,036 in 1974, $38,364,978 in 1973 and $31,223,140 in 1972. Quantities of asbestos-cement products were up 8.5%, gaskets and packings rose 28.8%, textiles and yarns increased 3.4%, clutch facings and linings were 9.2% higher and brake linings rose 14.3%.

Asbestos-Cement Products—58,015,001 lbs. valued at $14,144,486 for the year ended August 1977 compared with 53,456,671 lbs. valued at $10,116,577 the prior year. Earlier quantities were 73,536,492 lbs. in 1975, 71,960,099 lbs. in 1974, 46,346,864 lbs. in 1973 and 40,485,054 lbs. in 1972. Primary destinations in 1977 were Saudi Arabia, Canada, Jordan, West Germany, Italy and the Bahamas.

Gaskets & Packing—5,953,116 lbs. valued at $14,364,621 against 4,623,273 lbs. valued at $10,199,872. Prior amounts were 6,054,573 lbs. in 1975, 6,616,871 lbs. in 1974, 5,718,321 lbs. in 1973 and 4,642,275 lbs. in 1972. Primary destinations in 1977 were Canada, France, Belgium, West Germany, Mexico, United Kingdom, the Phillippines and Japan.

Heat or Sound Insulation—Values were $5,405,819 for the twelve months to August 1977, 20.8% higher than the $4,475,742 recorded a year earlier. Primary destinations in 1977 were Canada, Saudi Arabia, Singapore, Venezuela, Iran, Taiwan, Japan and Nigeria.

Textiles & Yarns—17,108,562 lbs. valued at $10,749,851 for the latest year compared with 16,542,879 lbs. valued at $7,609,739 for the year to August 1976. Prior exports were 12,345,006 lbs. in 1975, 18,027,429 lbs. in 1974, 20,662,900 lbs. in 1973 and 16,196,943 lbs.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 14 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/14

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/12705/15

in 1972. Primary destinations in 1977 were West Germany, Canada, Mexico, Australia, Italy, Iran, France, Saudi Arabia, Ireland and New Zealand.

Protective Clothing—The value of exports was 4.1% higher than the previous year, i.e., $1,129,817 for the year to August 1977 vs. $1,085,839 for 1976. Primary destinations were Panama, Mexico, Iran, Venezuela, Canada and Saudi Arabia.

Manufactures Other Than Friction Materials—$15,289,850 worth of these products was exported in 1977, 23.6% higher than the $12,374,148 exported a year earlier. Primary destinations in 1977 were West Germany, Canada, Saudi Arabia, Iran, South Africa, United Kingdom, Venezuela, Switzerland, The Netherlands and Japan.

Clutch Facings & Linings—975,698 pieces in 1977 valued at $1,913,978 against 893,562 pieces valued at $1,241,096 in 1976. Prior quantities were 1,947,989 pieces in 1975, 2,462,821 pieces in 1974, 2,459,818 pieces in 1973 and 2,843,583 pieces in 1972. Primary destinations in 1977 were Canada, West Germany and Venezuela.

Brake Linings—12,955,548 lbs. valued at $12,913,930 in 1977 compared with 11,337,356 lbs. valued at $9,986,552 a year earlier. Quantities for the four prior years were 10,398,901 lbs. in 1975, 12,051,842 lbs. in 1974, 10,342,061 lbs. in 1973 and 9,929,042 lbs. in 1972. Primary destinations in 1977 were Canada, Greece, Iran, Arab Emirates and Nicaragua.

CANADA PRODUCT IMPORTS

Calculations based on information published by Statistics Canada indicate that Canada imported $21.5-million worth of asbestos-based products in the year ended June 1977, 2.9% more than the year 1976, 18% less than the year 1975 and 18% higher than the year 1974.

VALUE OF CANADIAN IMPORTS OF MANUFACTURED ASBESTOS PRODUCTS ($'000)

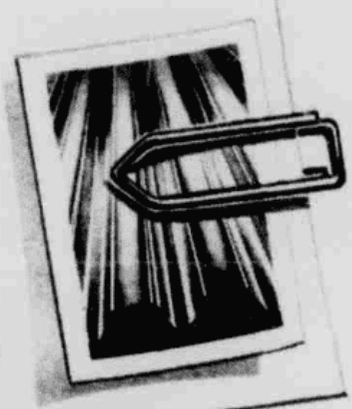
	Year To June 1977	Year To June 1976	Year To June 1975	Year To June 1974
Vinyl-Asbestos Floor & Wall Tile	$ 120	$ 94	$ 299	$ 75
Asbestos Cloth, Dryer Felts & Sheets	3,629	3,399	3,519	2,193
Asbestos Packing	1,810	1,626	1,968	1,600
Brake Linings	4,215	5,768	5,510	4,794
Clutch Facings	987	642	1,070	1,300
A-C Shingles & Siding	86	209	123	113
A-C Boards & Sheets	365	455	962	765
Other Asbestos Building Materials	7,246	5,692	10,214	4,820
Other Asbestos Basic Products	3,075	3,051	2,586	2,587
	$21,533	$20,936	$26,251	$18,247

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 16 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/16

Urgent

NOTE

Contact SYRO at once. Today's AC moulding plates must meet the tightest tolerances. No-one can afford dissatisfied customers these days.



SYRO – Precision

SYRO

SYRO LTD, 8032 ZÜRICH, NEPTUNSTR. 87, SWITZERLAND, Telex 52 256

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/17

CANADA PRODUCT EXPORTS

A healthy increase in the value of Canadian exports of asbestos-containing materials was again recorded for the year ended August 1977, although the value of the asbestos cloth, dryer felts and sheets category registered a 21.4% decline. For the latest year under review, total asbestos product exports from Canada were valued at $19,550,000 in 1977, $15,107,000 in 1976, $14,631,273 in 1975, $10,541,000 in 1974, $5,647,000 in 1973 and $5,206,000 in 1972.

Asbestos Cloth Dryer Felts & Sheets—$1,646,000 in 1977 compared with $2,093,000 in 1976, $2,881,091 in 1975 and $2,710,000 in 1974. The values for 1973 and 1972 are included with the grouping below titled "Other Basic Asbestos Products".

Asbestos Brake Linings & Facings—$2,715,000 in 1977 against $1,457,000 in 1976, $1,963,636 in 1975, $1,112,000 in 1974, $773,000 in 1973 and $754,000 in 1972.

Asbestos-Cement Building Materials—$10,763,000 in 1977, $8,514,000 in 1976, $6,437,455 in 1975, $3,381,000 in 1974, $2,027,000 in 1973 and $2,177,000 in 1972.

Other Basic Asbestos Products—$4,426,000 in 1977, $3,043,000 in 1976, $3,349,091 in 1975, $3,338,000 in 1974, $2,847,000 in 1973 and 2,275,000 in 1972.

FOR AND ABOUT COMPANIES

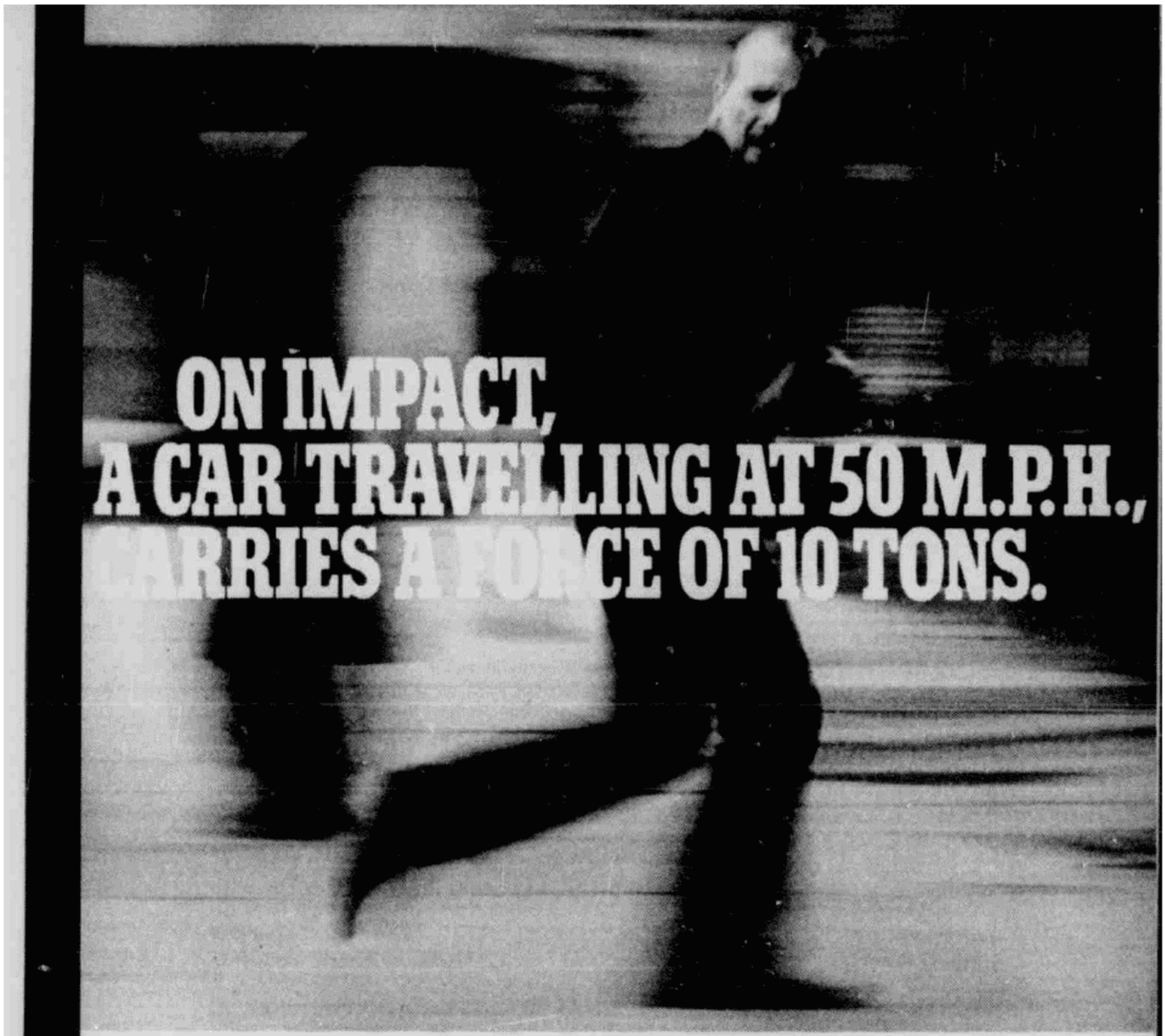
This section will be devoted to some of the activities around the world which we believe are of interest to manufacturers of asbestos-based products.

U.S. DEPARTMENT OF COMMERCE

The U.S. Department of Commerce is soliciting advice from consumers and industry on what products should be labeled and what the label should say to permit shoppers to compare how different brands will perform. Examples of information which may be incorporated into newly-developed labels include thermal impenetrability of insulating materials.

As published in the Federal Register of December 29, 1977, the U.S. Commerce Department proposes to amend the procedures for the voluntary Consumer Product Information Labeling Program (CPILP) to authorize the Department to include on CPILP labels for selected consumer products information about performance characteristics which are included in the labeling program of another Federal agency, provided the other agency agrees. The object of the amendment is to decrease the complexity of labeling for manufacturers by enabling them to comply with the labeling requirements of other Government programs through participation in CPILP and to simplify product comparison by consumers at the point of sale.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 18 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/18



In an emergency stop, a car's braking system can produce enough heat to distort hardened-steel disc brakes.

Only one material can stand up to it. Asbestos.

Because of its resistance to heat and inability to catch fire, asbestos is an essential ingredient in every brake pad and lining.

It's in clutch linings and automatic transmissions for the same reason. And in gaskets because of its ability to resist hot oils.

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,
Canada.

Represented by:
ACOSA, Apartado Postal 8600, **MEXICO** 1, D.F.
Importquim, S.A., Apartado 61, 649, Caracas, **VENEZUELA.**
Other representatives world-wide

A notice announcing a final finding of the need to accredit testing laboratories which test thermal insulation materials was announced by the Commerce Department in the Federal Register of October 12, 1977. It establishes a voluntary laboratory accreditation program to accredit such facilities and identifies applicable product standards, test methods and recommended practices for which testing laboratories would be required to demonstrate competence in order to receive accreditation.

At the beginning of 1978 the U.S. Bureau of the Census mailed questionnaires for its 1977 Economic Censuses. Of particular interest to readers of ASBESTOS are Form MC-32K for the Census of Manufacturers covering asbestos products, gaskets and packing and hard surface floor coverings; Form MC-14C for the Census of Mineral Industries covering chemical and fertilizer minerals and miscellaneous nonmetallic minerals (including asbestos) and a new Form CB-86 for the Census of Service Industries covering membership organizations and trade associations. The Census Bureau requests the forms be filled in and returned by February 15, 1978.

PRODUCT LIABILITY

Product liability suits and their attendant costs are posing an increasing threat to the American business community and business cannot readily make the adjustment, according to U.S. Representative R. A. Sarasin (R-Conn) in the October 1977 issue of "Enterprise," the journal of the National Association of Manufacturers. Insurance premiums have risen drastically, in some cases as much as 5000%, over the past decade and average awards have increased 567% in the last eight years, from $12,000 to $80,000. One-million suits were filed in 1976. Remedial moves such as workers' compensation or tax reform legislation, while helpful, would not fully meet the problem. Repr. Sarasin said that only the Federal government can solve the crisis, and there must be change at the root of the problem—in the application of tort law. The article proceeds to briefly outline H.R. 6300, the National Liability Act of 1977, authored by the Repr.

BATTELLE R&D FORECAST

According to the annual Research and Development forecast of Battelle's Columbus Laboratories, expenditures for R&D in calendar year 1978 in the United States are expected to reach $44.1-billion, representing an 8% increase over the $41-billion the National Science Foundation estimated was to be actually spent for R&D in 1977. Because of the expected increase in the cost of R&D, the anticipated increase does not represent any real growth and is expected to be fully absorbed by continued inflation. The Battelle report notes increasing concern from many sources as to the relative decline in the nation's R&D activity and the danger posed thereby for future national economic strength.

In 1978 Battelle sees a 7.3% increase in Federal support for R&D, with funding expected to be about $23.4-billion. This represents 53.1% of the total R&D expenditures for 1978. The forecast notes that Federal funding

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 20 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/20

supports research performance as follows: between one-third and one-quarter to support R&D conducted by the Government itself, about half to industry, approximately one-sixth to colleges and universities and the rest, less than one-twentieth, to other non-profit organizations.

ASBESTOS WORKERS UNION

Several interesting points were made by speakers at the 23rd General Convention held in September by the International Association of Heat and Frost Insulators and Asbestos Workers. General President Andrew T. Haas, in his keynote address, said that "politics now plays such an important part in our very existence and survival that we must seriously consider creating some sort of political action fund of our own." In his presentation, Robert A. Georgine, President of the Building and Construction Trades Department, AFL-CIO, warned delegates that organized labor is up against a well-financed, well-staffed and highly coordinated campaign by business and right-wing groups. And, he added, these groups have as their primary aim the destruction of the labor movement. Tracing the growth in strength of the anti-labor forces, Mr. Georgine noted that in 1935 a combine of companies spent about $9-million to break unions through the use of spies, strike-breakers and ammunition. Today, a combine of companies has been known to raise more than $2-million in a single day to oppose labor law reform, he said. Furthermore, the tactics and the weapons of today are different—well-heeled attorneys, advertising agencies and direct mail experts. ("The Asbestos Worker", official journal of IAHFIAW)

UNITED NATIONS PACT

An agreement signed in Vienna in February should result in close cooperation between the United Nations Industrial Development Organization (UNIDO) and the six Latin American countries which make up the Andean Development Corporation (CAF), i.e., Bolivia, Chile, Colombia, Ecuador, Peru and Venezuela. Upon signing the accord, the two bodies are now committed to coordinating their efforts toward fulfilling the objectives accepted by 114 nations at the Second General Conference of UNIDO at Lima, Peru, in 1975. The Conference called for an increase in the developing countries' share of total world industrial production from the present 7% to 25% by the year 2000.

SORES-LITTLE TEXTILE STUDY

Sores, Inc., was retained by the Ministry of Industry and Commerce, Province of Quebec, to identify value-added manufacturing opportunities for the Province to supplement the region's asbestos mining industry. As part of the project, Sores asked Arthur D. Little of Canada Ltd. to develop a business characterization of the major markets for asbestos paper and textile products in the United States. According to their report, the principal asbestos textile product is yarn, which is woven or braided to form

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 21 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/21

cloth, dryer felt, tapes, braided packings, etc.

The asbestos textile industry in Canada is composed of four manufacturers, of which three are branches of U.S. companies. Shipments of asbestos yarn from local Canadian factories amounted to 3.1-million lbs. in 1975, while consumption was 2.5-million lbs. of which 44.2% went into the manufacture of fabric and tape. Secondary asbestos textile production in 1975 was on the order of $7.4-million of which $2.2-million was for dryer felts, plus $2.2-million for fabrics and tapes, $2-million for twines, cables and braided trimmings and $1-million for woven friction materials. Asbestos textiles remain less expensive than competitive products in most cases and the substitution of competitive products is more often caused by the technical characteristics of the products than the price. A limited increase in the market for asbestos textiles is expected during the ten-year period from 1975 to 1985.

The U.S. asbestos textile industry includes three principal manufacturers who together occupy over 85% of the market. Moreover, it is anticipated the market will strengthen even more in the hands of these companies in the course of the next few years. Large investments have been made in the last few years to improve fabrication processes and to aid in the reduction of hazards to health and the environment. Uses for asbestos textiles in the friction materials market will decrease slightly during the period 1980-1985, the market for gaskets and packings will reach $10-million in 1980 and $12-million in 1985, the market for protective garments will stabilize mainly because of competitive products, the market for thermal insulation will increase significantly and the market for dryer felts and treated fabrics will be stable during the ten-year period to 1985.

Principal asbestos textile manufacturing countries in Europe are Germany, France, Italy and the United Kingdom. Seven principal manufacturers of asbestos textiles were identified in the European Economic Community. There is also a large number of small enterprises who make limited quantities of the material. The asbestos yarn market is estimated at 8.7-million lbs. in France, 11.4-million lbs. in West Germany, 6.7-million lbs. in the United Kingdom and 9-million lbs. in Italy. The principal usage of asbestos yarn in Europe continues to be in woven friction materials.

QAMA DISCUSSES PAPERS & FELTS

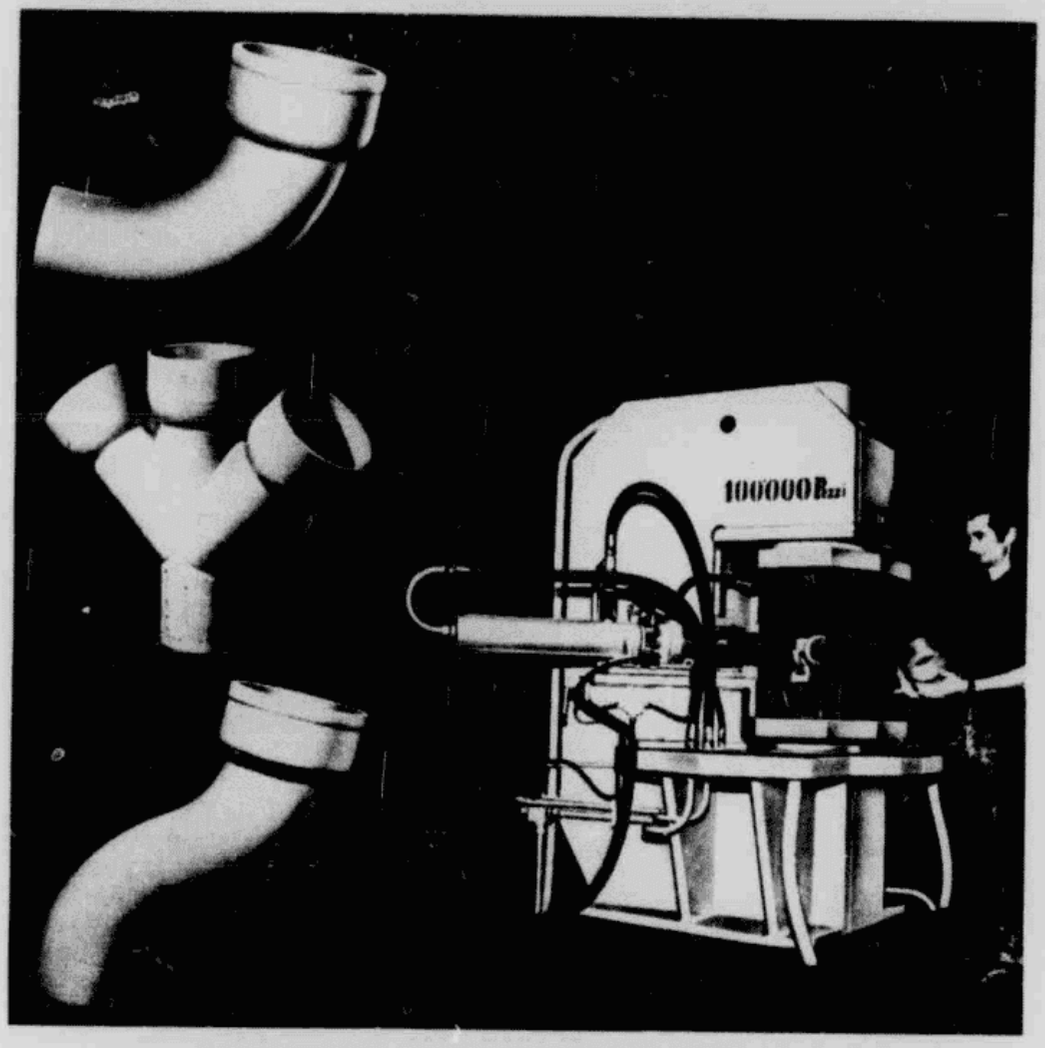
In the "QAMA Bulletin" of October 1977 the Quebec Asbestos Mining Association reported that Quebec Chrysotile asbestos is used in several products which utilize its exceptional features of incombustibility, insulation, soundproofing, tensile strength and corrosion and acid resistance. An inert element, asbestos gives these products a high level of dimensional stability, an essential quality in the manufacture of certain papers for specific applications, such as gasket papers, pipe wrapping and flooring and roofing felts.

Asbestos papers represent 6% to 8% of the world's consumption of average-length asbestos fibers. The variety of papers is quite large and in addition to the already listed uses includes commercial papers, millboards, corrugated papers and various specialty papers used to insulate

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 22 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/22

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

household appliances. The major market for asbestos papers is in roofing and flooring felts. The North American automotive industry uses heat-resistant gasket paper whereas pipe wrapping is mainly used in covering underground and underwater pipelines where it protects against corrosion.

QAMA MANUFACTURING STUDY

In February 1977 the Quebec Asbestos Mining Association commissioned Sores, Inc., to study the economic feasibility of enlarging the asbestos products manufacturing industry in the Province of Quebec. In turn, Sores retained Arthur D. Little, Inc., to collaborate in the study. The project was prompted by the interest shown by the Quebec Government in nationalizing all or part of the industry unless it increases local upgrading of asbestos fiber from the current 3% to about 20% of total output.

Phase I of the two-part, $225,000 study was completed last August. Among the 14 products studied, five were selected as the most likely to present economic opportunities for further processing in the Province. The five materials deemed to warrant further study are: molded friction materials, asbestos-cement pipes, asbestos-cement finished sheets, flooring felts and asbestos paper.

Phase II of the study is due very shortly. It is to establish whether the manufacture of these products is economically viable. The final report will specify the overall conditions under which Quebec could justify undertaking the financial and other commitments necessary to achieve the desired increase in intra-Provincial conversion of fibre into finished products.

NEWS FROM THE MANUFACTURERS

Acalor International Ltd., of Crawley, Sussex, England, is manufacturing and marketing Plastapak P.V.C. Film, a vinyl coating system. The cocooning and bridging properties of the technique are said to ensure a continuous dust and vapor barrier even when applied to rough and broken surfaces.

Asahi Glass Co. Ltd., Tokyo, Japan, has developed a unique cementitious construction material using the alkali-resistant glass fiber known as Cem-FIL. Following work conducted in close cooperation with *Sanno Co. Ltd.*, an asbestos-cement sheet maker in Tokyo, it is now possible to make a new type of sheet which contains very little asbestos but which compares favorably with conventional asbestos-cement sheets. *Pilkington Brothers Ltd.*, St. Helens, England, inventor of Cem-FIL, has been named representative of Asahi Glass to handle technical licensing in Western Europe.

The Association of Asbestos-Cement Pipe Producers issued an informative and helpful booklet entitled "Recommended Work Practices for A/C Pipe." The recommendations are the result of field testing and were developed through study. They are intended as general guides to achieve safe and clean job site conditions when working with asbestos-cement pipe products.

Officine Meccaniche Bazzi G. & L. SNC, Casale Monferrato, Italy, recently sold a plant to *Fibrolite Empresa de Fibrocimentos Limitada*, Vila das Aves, Portugal, for the production of asbestos-cement corrugated sheets. The plant is to be in operation by mid-1978 and will double Fibrolite's current volume of production.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 24 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/24

Cape Industries Ltd. reported a group turnover in the first half of 1977 of £78.8-million compared with £65.9-million in the corresponding period in 1976, although profit before tax had decreased to £7-million compared with £7.4-million. A weakening in the world market for asbestos fiber combined with sharply rising production costs were the main factors causing the lower profit. . . . The inauguration of the Georges Pompidou National Centre of Art and Culture, Paris, France, on January 31, 1977, marked the completion by *Cape Contracts International Ltd.* of a major international fire protection project worth over £1.4-million. Cape products involved were Rocksil mineral wool, UK Marinite board, Capoflex ceramic fiber blanket and sprayed vermiculite cement. . . . *Cape Universal Claddings Ltd.* is making maintenance-free asbestos-cement decking tiles by a new injection-molding technique which ensures precisely-formed tiles of absolutely uniform size and shape and monolithic structure. . . . The City of Liverpool specified Standard Six asbestos-cement cladding with GP lining sheets for use in a new school for handicapped children. The sandwich system was supplied by *Cape Universal Claddings*. . . . *Cape Boards and Panels Ltd.* received an order from the Persian Gulf for 200,000 square meters of Asbestolux insulating board to provide fire-resisting partitions for two hospitals in Kuwait. . . . Asbestolux fire-resisting insulating boards are being used to protect Canterbury Cathedral. . . . UK Marinite, made by *Cape Boards and Panels*, will be safeguarding travelers through Europe's new St. Gotthard motorway tunnel which runs deep beneath the Swiss Alps from Goschenen to Airolo. . . . An order worth over £70,000 was won by CBPL to supply UK Marinite boards to protect power cables from fire at one of Spain's first nuclear power stations, at Lemoniz.

CertainTeed Corporation announced record sales and net income for the third quarter and nine-month periods ended September 30, 1977. The $39.7-million in net income for the nine months ($28.2-million for the like prior period) exceeded net income for any previous twelve months in CertainTeed's history. Net sales reached $612.5-million vs. $500.2-million. Building materials accounted for 44% of total net sales, glass fiber products contributed 30% and piping products gave 26%. . . . The company's Board of Directors approved a quarter-billion dollar capital spending program for 1977 through 1979. More than 75% of the already-committed program will be devoted to expanding glass fiber operations.

Colt Industries, Inc., reported sales of $1.1-billion for the nine months to October 2, 1977, compared with $1-billion a year earlier and net earnings of $47.6-million against $50.6-million. On May 20, 1977, Colt acquired all of the outstanding stock of Menasco Manufacturing Company, maker of flight control and shock mitigation systems including aircraft landing gear. . . . Among the asbestos-related operations of Colt Industries are the textile manufacturing plant of Garlock of Canada Ltd. and Amiante de Sherbrooke Ltee. and braided and twisted packing factories situated near Manila, in the Philippines, and at Barcelona, Spain.

Cyprus Pipes Industries Ltd. announced the opening in September 1977 of a new asbestos-cement pipe plant at Moni, 16 kilometers east of Limassol. Major sponsors of and shareholders in the company are *Cyprus Cement Co. Ltd., the Government of Cyprus, Cyprus Development Bank, International Finance Corporation and Eternit*, of Niederurnen, Switzerland. Technical assistance and know-how are being provided by *Amiantus Centre Niederurnen.* The machine, which was designed by the Amiantus Centre and made in Italy, is capable of producing 7,500 metric tons of pipe per year. Anticipated consumers of the pipes are the Water Development Department of Cyprus for the construction of major irrigation and water

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/25

supply projects, as well as domestic Water Boards and private developers.

Everite Ltd. is now producing asbestos-cement manholes in the Republic of South Africa, thus offering a complete sewer range including soil, waste and vent pipes and sewer pipes and fittings. The manholes are made from 1,000 mm a-c pipe with a wall thickness of just 25 mm. No special concrete base is necessary and a fairly compacted level surface is sufficient. Although benching must be done on site, the advantages have already convinced some Reef municipalities to use this new type of manhole as the complete pre-manufacturing guarantees watertightness and saves time and labor at installation. . . . Everite has concluded an agreement with *Calan Ltd.* for the acquisition of 100% control of the *Vianini Pipes Group* for approximately R2.3-million in cash. Established some 50 years ago, the Vianini Group now employs 600 people and operates eight factories throughout the Republic for the manufacture of concrete pipes, manholes, culverts and allied products.

Ferodo Ltd. is in the midst of an exceptional 440-million-franc investment effort in 1977 and 1978 as part of its five-year growth plan which calls for modernization of equipment, expansion of friction gear output, broadening the range of motor components and other component products, improving its overseas establishment and contributing to the growth of its subsidiaries in France.

The Flintkote Company enjoyed higher net sales and income for the nine months to September 30, 1977, compared with the same period in 1976, i.e., net sales of $436-million against $367.2-million and net income of $16.6-million vs. $10-million. . . . The company has phased out its *asbestos pipe business* with production ceasing at the end of April 1977. . . . The acquisition of a 44% interest in California-based *Polymer Building Systems*, a producer of urethane core insulation panels, extended Flintkote's energy-saving product line. The formation of *Atlantic Carbonates Corporation*, jointly owned by Flintkote and *Anglo-American Clays Corporation*, of Atlanta, Georgia, will broaden market opportunities for limestone products in the paper, paint and plastics industries.

FRECAR (Accessories Para Automoveis Bernardino R. Tavares, S.A.R.L.), Lisbon, Portugal, are manufacturers of friction materials for the automobile and truck industry. Plant facilities occupy 5,000 square meters and workers number 130. The FRECAR product line includes brake linings and clutch facings, disc brake pads, friction materials for engineering equipment, cone clutches, band brakes, gear cut discs, railway brake blocks and bonding adhesives. In addition to sales in Portuguese markets, the company exports its products to Africa, Europe and the Middle East.

GAF Corporation announced that for the first nine months of 1977, income from continuing operations was $21-million compared with $24.3-million a year earlier and sales reached $739.5-million against $692-million. . . . GAF sold its 49% share in *Chemical Developments of Canada Ltd.* for C$3.6-million and its industrial chemical distribution operation to *PB&S Chemical Co., Inc.*, of Henderson, Kentucky, for approximately $3-million and disposed of its small resale business headquarters in Chattanooga, Tennessee. . . . New ventures include the opening of a Gafite® resins manufacturing operation at Calvert City, Kentucky, a $10-million pictorial products plant and distribution facility at St. Niklaas, Belgium, and the completion of GAF's largest (over $9-million) wastewater treatment system at its Linden, New Jersey, chemical plant. Also, work has begun on a $10-million project to enable GAF to produce its own glass fiber mat for asphalt shingle roofing.

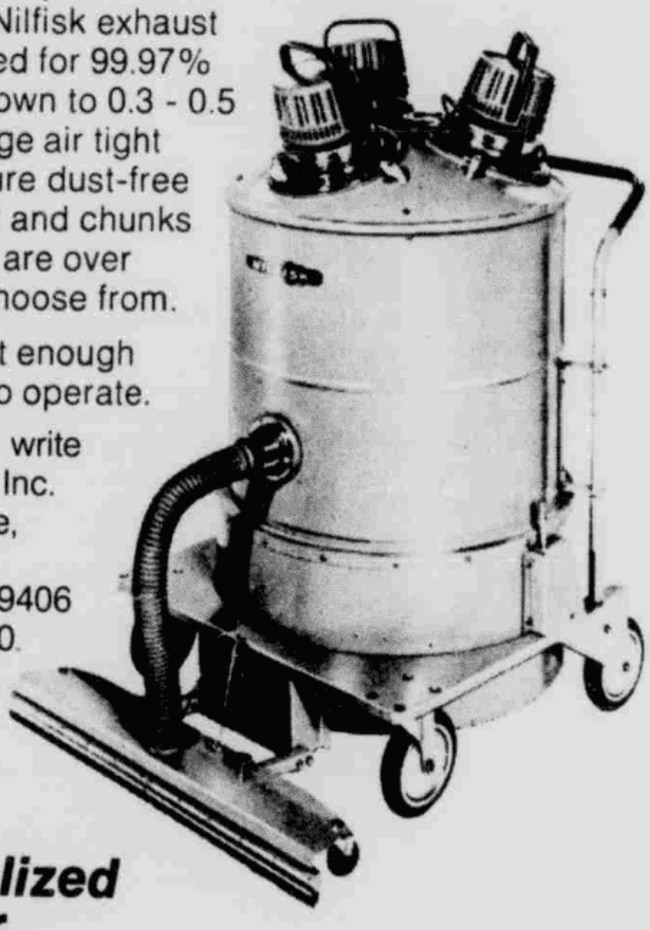
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/26

To meet clean air standards you not only need a centralized dust collector, you also need a decentralized dust collector.

Clean air standards being what they are, you may not be meeting them even with a central dust collector. And this year, standards are being tightened even further.

So you ought to look at the Nilfisk GA 73 portable industrial vacuum cleaner. It picks up where central systems leave off. And it does that with Nilfisk's exclusive multi-stage filtration system. The oversize main filter resists early dust clogging, and can be shaken and cleaned at all times without exposing the operator.

In addition special Nilfisk exhaust filters can be installed for 99.97% average retention down to 0.3 - 0.5 microns. Heavy gauge air tight container liners insure dust-free disposal of fine dust and chunks of debris. And there are over 50 attachments to choose from.



Yet the GA 73 is light enough for a single person to operate.

For more information, write to Nilfisk of America, Inc. 201 King Manor Drive, P.O. Box 713, King of Prussia, PA 19406 or call (215) 277-3900.

NILFISK GA 73.

The decentralized dust collector.

James Hardie Asbestos Ltd. celebrated in 1977 the 60th Anniversary of its first production of asbestos-cement sheets. Group sales for the year ended March 31, 1977, increased 16% and operating profit after tax but before extraordinary items rose 12.1%. . . . Company expansions include a US$22-million project at Tangerang, Indonesia; a second pipe machine at Ipoh, Malaysia; and the construction at Moss Vale (formerly Berrima Junction), Australia, of a plant for making asbestos-cement pipe.

Hyderabad Asbestos Cement Products Ltd., Hyderabad, India, has entered into a technical documentation and information agreement with *M/S S.I.A. (Societe Italiana per l'Amianto)*, Torino, Italy, for the manufacture of asbestos textiles, compressed asbestos jointings and special gasket-quality millboard. Hyderabad is also, in cooperation with *M/S Farben SpA*, Torino, constructing an asbestos-cement pressure pipe and sheet plant in Um-Al-Quwain (near Dubai), for the Ruler of Um-Al-Quwain. . . . Hyderabad has the capacity to produce 222,600 tons annually of asbestos-cement sheets and accessories, pressure pipes and millboard. Its products are used domestically as well as exported, mainly to the Gulf Countries. The company also makes a complete range of plants and machinery for the manufacture of a-c pressure pipes, sheets and millboard. It offers consultant and technical services as well as equipment for the mining and milling of asbestos fiber. One of the plants supplied by Hyderabad is now being installed in Iran.

Isolindustrie S.A., Bondues, France, announced in early 1977 that it had ceased production of asbestos insulating products. The reason for the decision was suspected health hazards among users of the materials.

Jim Walter Corporation reported that continuing record sales of partially-finished homes and generally stronger demand for building materials resulted in the highest first quarter earnings in its history. For the three months ended November 30, 1977, net income amounted to $24.6-million, up 13%, and total sales and revenues reached a record $400-million, 17% higher than a year ago. . . . During the quarter, Jim Walter acquired *Graham Paper Company* from *The Kansas City Star Company* for approximately $12-million in cash. . . . The *Celotex Division* discontinued some production operations at its 56-year-old insulation fiber board plant at Marrero, Louisiana, although production will continue on residential ceiling tiles, lay-in panels and structural products. Cited as reasons for the cutback were costs to meet present and future environmental standards as well as rapidly-escalating energy, freight and other costs. . . . Three new *Thermax insulation board plants* for the Celotex Division are to be in full production by 1980 and together with the present plants at Charleston, Illinois, and Elizabethtown, Kentucky, will be capable of producing almost 900-million square feet of plastic foam insulation board annually.

Johns-Manville Corporation sales and earnings in the third quarter and first nine months of 1977 reflect a strong performance. Sales for the nine months amounted to $1.07-billion, 12% ahead of a year earlier, and earnings reached $76.5-million, 47% over the prior like period. J-M said that demand for thermal insulations, pipe and pipe products and roofing materials was strong throughout the third quarter. Asbestos fiber demand was somewhat lower due principally to decreased construction activity in foreign markets and inventory accumulation by customers in prior months. . . . The sale of the company's *Western Talc assets* was completed on September 1, 1977, constituting part of a program to refocus

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 28 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/28

J-M's efforts on its mainstream activities—basic businesses which provide the greatest return on assets. J-M International completed an $8.6-million contract with *Hyundai Construction Co. Ltd.*, Seoul, Korea. The largest single pipe sale in J-M's history took three years to complete and included Transite water, irrigation and sewer pipes; Temp-Tite and Copper Core preinsulated pipe for chilled water systems; and Flame-Safe glass fiber pipe insulation. J-M plans a two-phase, multi-million dollar development program in *Singapore*. Phase I of the program involves the expenditure of S$3.7-million to increase production capacity of the plant at Jurong. The facility will diversify into products such as waterproofing membrane and acoustic ceilings made of materials other than glass fiber. The Five-year development plan at the *Jeffrey Mine* in Asbestos, Quebec, requiring capital expenditures of $77-million to help ensure the continuance of profitable asbestos operations over the next 15 years, is well underway.

Kennecott Copper Corporation, at mid-November, made an offer for stock of *Carborundum Company* at $66.00 a share. The transaction, which was approved by the Directors of both companies, could cost more than $567-million if all Carborundum's shares outstanding are tendered.

Kenya Asbestos Cement Co. Ltd., Mombasa, Kenya, increased production time to 80 hours a week to meet the higher local demand for asbestos-cement sheeting and accessories and growing exports to Uganda, Rwanda, Southern Sudan and Tanzania.

Kingsey Falls Papers Ltd., located in the Eastern Townships of Quebec, is the sole Canadian producer of asbestos papers and one of the most important producers of the product in North America. Total production of asbestos paper reached 27,000 tons in 1976 and 33,000 tons in 1977 and is projected to annually yield from 45,000 to 50,000 tons in 1978. About 85% of the output is exported to the United States. Of the eight categories of papers made at the plant, roofing felt constitutes 80% of total production. Millboard, 1½" thick, is 97% asbestos and roofing felt has an 85% asbestos content. Expansion work is currently underway to add 9,000 square feet to the working floor area to allow installation of new equipment for future development. Kingsey Falls Papers was founded in 1972 by the three Lemaire brothers (who owned Papiers Cascade) and *Canadian Johns-Manville Co. Ltd.*

Nohl Industries, Inc., Milwaukee, Wisconsin, reports an upsurge in sales and production of asbestos materials which it attributes to the rising demand of manufacturers who use electrical and thermal insulation parts and components. Nohl has been making substantial investments in productive equipment and has developed effective procedures and methods for the conversion of asbestos materials.

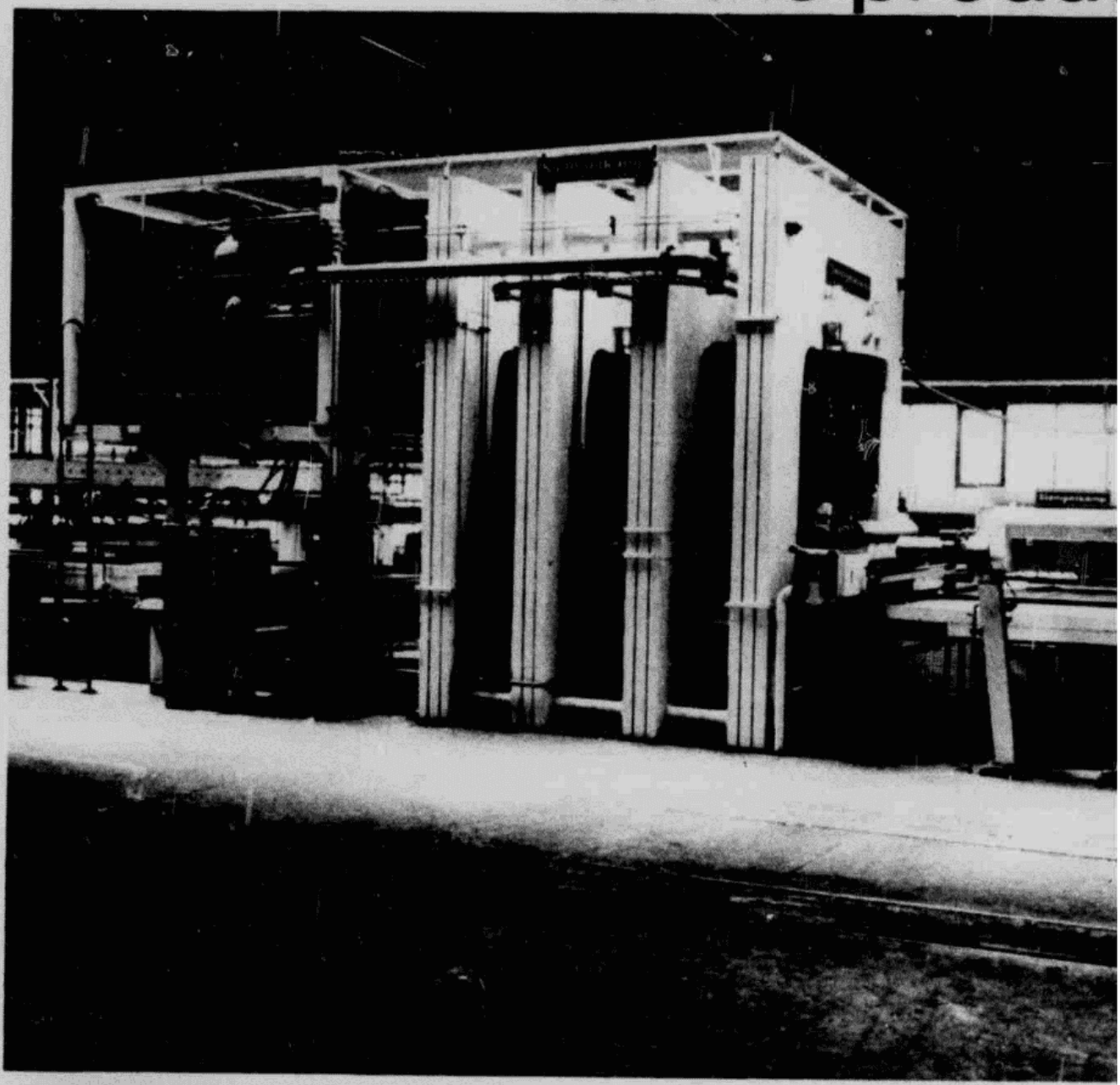
NOVEX Foreign Trade Co. Ltd. for Development and Commercialization of Inventions, Budapest, Hungary, announced a new insulating material composed of short filament (waste) asbestos fibers and a special mix of readily-available, inexpensive materials. Called ASKET, the material can be sprayed onto solid surfaces or included during the manufacture of molded articles, boards and panels.

Ontario Research Foundation is to soon begin operating an expanded fire testing service at its facilities at Sheridan Park, Mississauga, Ontario. In response to industry's need for increased flammability testing of such materials as insulation, wall coverings, coatings, plastics, acoustical tile, floor tile and carpets, ORF is constructing a Steiner 25-foot flame tunnel. The National Building Code of Canada requires that such products be tested according to the Steiner tunnel test.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/29

Our Program
for the
Asbestos-Cement
Industry

Fully automat
manufacture
Fully automat
for the produc



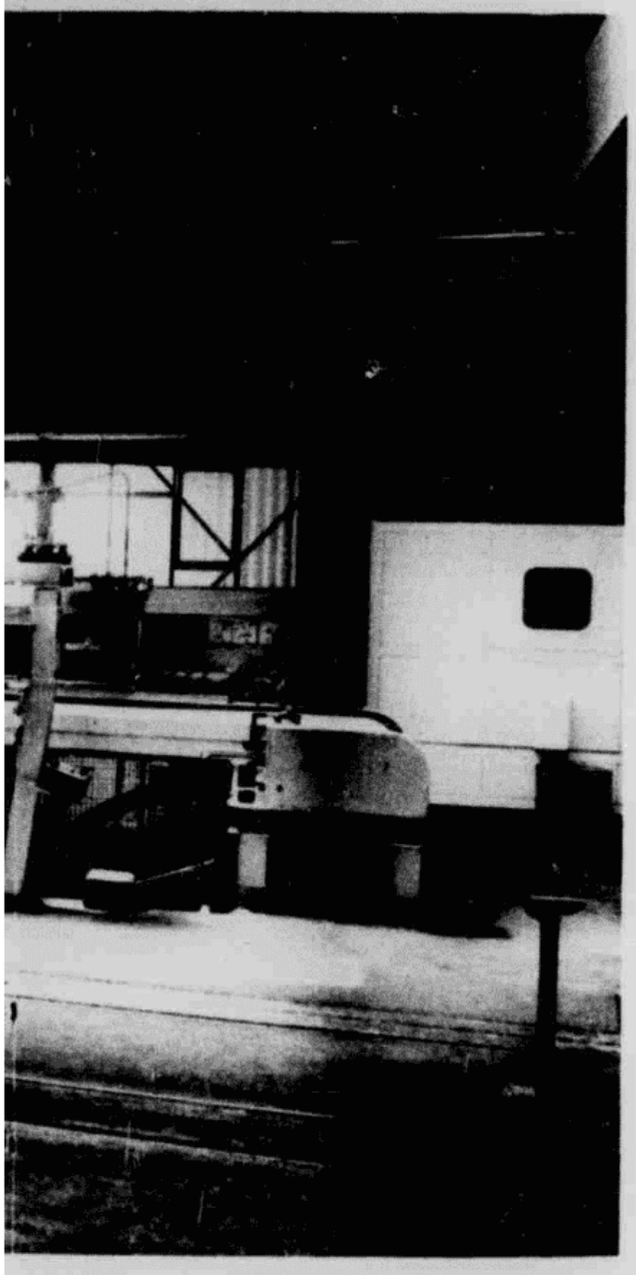
Siempelk

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/30

ic production plants for the of:

flat and corrugated asbestos-cement sheets
asbestos-cement pipes

ic press lines ction of:



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

kamp

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

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/31

H. K. Porter Co., Inc., reported net sales for the nine months ended September 30, 1977, of $355.2-million vs. $254.6-million a year earlier. Net income increased from $5.2-million to $7.8-million. . . . *Missouri Portland Cement Co.* and Porter completed a merger making Missouri Portland a subsidiary of Porter. . . . Porter's *Thermoid Division* installed one of the largest curing presses ever used in the manufacture of industrial friction products, at the Amco Works, Huntington, Indiana. The $65,000, 71,000 lb., in-line curing press features 52" square platens which can handle two parts at a time, up to 48" in diameter, and has a working pressure of 1,013 tons.

Productos de Asbesto Cement, S.A., has entered the asbestos-cement sheet manufacturing business with the opening of a new plant in Guatemala City, Guatemala. Eventually the facility will be producing 80 metric tons of material per 24-hour day of standard corrugated profile, flat and Canaleta profile sheets. Plant machinery and technical know-how were supplied by *Interasbest Zementanlagen*, St. Johann/Tirol, Austria.

Raybestos-Manhattan, Inc., recorded continuing net sales for the 30 weeks ended October 2, 1977, at $189,551,000, or 9.9% ahead of the comparable nine-month period in 1976. Continuing net income was $4.15 per share compared with $3.79. . . . Early in the year it was announced that W. S. Simpson, R/M Chairman and Chief Executive Officer, and his sister had signed an agreement covering the acquisition from them by *AVC Corporation* of 102,269 shares of the outstanding common stock of R/M and the purchase by AVC of an option to acquire 204,539 additional shares. It was also stated that another 67,008 shares held by several Simpson family trusts may become subject to the same agreement. Exercise of the option would result in AVC holding up to 23% of the outstanding common stock of R/M. . . . On September 30, 1977, R/M's rubber-covered roll business was sold to *Beloit Corporation*, Beloit, Wisconsin, a leading manufacturer of papermaking machinery. Annual sales of the business represented about $9-million or less than 4% of R/M's total sales. . . . The new manufacturing plant at Cork, Ireland, was to be completed by mid-year, annually producing some ten-million *disc brake pads* primarily for export to countries in the European Economic Community. . . ., R/M's program for restructuring asbestos yarn and textile manufacturing operations is proceeding on schedule at *Raybestos Manhattan Industrial Products Company*, North Charleston, South Carolina. The four-year, $11-million undertaking is based on expansion of the proprietary "wet process" system of making NOVATEX® asbestos yarn.

The South African Asbestos-Cement Manufacturers' Association reported that *Everite Ltd., Superöcla Ltd. and Unipipe (Pty) Ltd.* received a R5-million order from the Director of Water Affairs of South West Africa for 32 kilometers of 700mm-diameter and 54 kilometers of 600mm-diameter asbestos-cement pressure pipes to transport water to Oshakati in Ovamboland.

Southern Asbestos Company, in 1976, closed the Bennettsville Works in South Carolina and now all of its facilities are consolidated at Charlotte. . . . To assist distributors and customers to better understand OSHA regulations, Southern is sponsoring seminar programs in a number of cities where facts can be discussed based on the company's own expertise. Southern believes customers are better able to resolve potential problems when they know what is required. . . . Southern's products in-

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 32 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/32

clude the GARDIAN line of asbestos textiles, HEATGARD asbestos conveyor belting and INSLGARD glass/asbestos and glass felt insulation materials. The company's CLEANGARD process was developed to help meet the requirements of the Occupational Safety and Health Act.

Standco Industries, Inc., Houston, Texas, once a weaver and spinner of asbestos yarn for resale, now buys the yarn and weaves it for its own production. The company also incorporates asbestos in the manufacture of gaskets and packings. . . . Standco's *Sterling Rubber and Gasket Division* recently published a product bulletin describing its sheet packings and cut gaskets for the petrochemical and refining industries. The line of products includes compressed sheet packings and homogeneous, compressed asbestos, cloth-inserted rubber and woven asbestos gaskets.

Supradur Manufacturing Corporation reported the results of its operations for the first nine months of 1977 as follows: sales totaled $17.7-million compared with $16.4-million a year earlier and net income amounted to $366,599 vs. $749,179. These figures reflect a reduction in the U.S. dollar value of Canadian inventories. The siding and roofing segment of Supradur's business constitutes about 43% of total sales and about 51% of income from operations. Production facilities are located at Wind Gap, Pennsylvania. The firm is currently the sole maker in the U.S. of mineral fiber roofing.

Textile Research Institute, Princeton, New Jersey, was granted a patent for the TRI Convection Calorimeter which measures heat emitted during vertical burning of flexible sheet materials such as textiles, plastics and films, by monitoring convective air flow continuously over the entire period of combustion from ignition to extinguishment.

Turner & Newall Ltd. reported that all divisions earned higher profits in the first half of 1977 than in the corresponding period of 1976 and exports from the United Kingdom grew strongly, being 41% higher in value. Sales rose 27% to £199,552,000, trading profit increased 53% to £23,191,000, profit before taxation was up 54% to £24,332,000 and profit attributable to stockholders rose 74% to £13,132,000. Demand for plastics and industrial materials was at a higher level, the market for automotive components was buoyant, increased exports compensated for the depressed U.K. market for construction and insulation materials and an improved performance was recorded by asbestos mining and fiber distribution operations. A very active program of diversification, expansion and acquisition has been underway at Turner & Newall and non-asbestos products now constitute over 40% of worldwide sales and over half the company's sales in European markets. Asbestos is still, however, a vital component in industrial processes. . . . T&N acquired the whole of the share capital of *Brake Linings Ltd.*, Buxton, England, manufacturers of the Duron brand of automotive and industrial friction materials. Another investment by T&N is 49% of the equity of *Industrias Cabre,* a privately-owned automotive gasket maker in Barcelona, Spain. T&N reached an agreement with *Maremont Corporation* to form a joint company to acquire Maremont's friction material and brake parts operations in Paulding, Ohio, and Nashville, Tennessee. T&N is to hold 80% of the new firm, Nuturn Corporation. T&N acquired the whole of the issued ordinary share capital of *Storey Brothers and Co. Ltd.*, a leading producer in the U.K. of flexible plastic sheeting, wall coverings, plastic-coated materials and synthetic rubber sheetings

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 33 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/33

for the home; furniture, pram and nursery goods; fashion garments; car, footwear and luggage products; and synthetic membrane materials. *Philip A. Hunt Chemical Corporation*, a firm listed on the New York Stock Exchange, is now 52% owned by Turner & Newall, following the usual agreement, tender offer and stock purchase. Hunt is a leading specialty chemicals manufacturer. Also, T&N has taken a 40% stake in *TBA Iberica SA*, a new Spanish company established with a capital of £408,000. The remainder of the equity is held by *Dunlop Iberica SA* which is owned half by *Dunlop International* and half by local Spanish interests. TBA Iberica will make the TBA range of Permanite compressed asbestos fiber jointings. . . . *Turner Engineering Products (Nigeria) Ltd.* was formed by T&N for the production of motor vehicle brake linings, disc brake pads and gaskets. The new company will headquarter at Lagos and will have a factory at Ibadan. It will be 60% held by T&N and 40% by Nigerian interests. Capacity at *Turners Building Products (Emene)*, in Anambra State, Nigeria, is to be increased from 22,000 to 47,500 metric tons per year by the installation of a second machine for the manufacture of asbestos-cement sheets and the erection of a new asbestos fiber store. In Kaduna State, Nigeria, the plant of *Turners Building Products (Arewa) Ltd.* will be similarly extended by installing a new a-c sheeting machine. The Federal Industrial Development Authority of Malaysia has granted approval to *United Asbestos Cement Berhad*, in which T&N has a 21.29% equity interest, to build a new pipe manufacturing plant at Ipoh.

Union Carbide Corporation reported sales for the first nine months of 1977 at a record $5.22-billion, 11% higher than for the same period a year ago. Net income, however, was down 17% to $277.5-million. To combat the earnings problem, the company plans to improve gross margin, to continue to seek price increases, to stress productivity at the plant level and to intensify its comprehensive program of withdrawing from product lines and development programs which do not meet long-term profit objectives. . . . Union Carbide acquired *Amchem Products, Inc.*, of Ambler, Pennsylvania, early in 1977 for $140-million in stock. Amchem shareholders cleared the merger following the spinoff of Amchem by Rorer-Amchem, Inc. This is the largest acquisition in Union Carbide history. . . . Union Carbide will build a *new corporate headquarters* on a square-mile site in Danbury, Connecticut. Construction is scheduled for completion in 1981 or 1982.

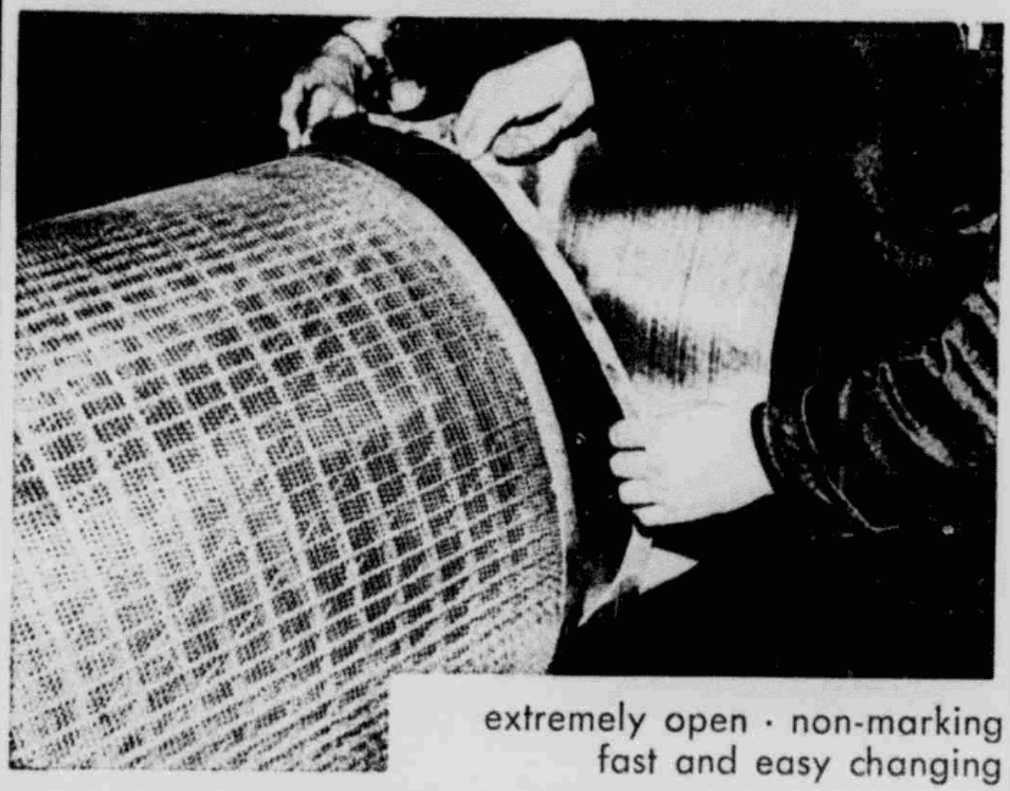
Vermont Asbestos Group, Inc., has begun construction of its new $2-million, 22,000-square-foot fireproof wallboard plant at Morrisville, Vermont. To be in operation by mid-1978, the plant will utilize waste material from the VAG asbestos mine at Lowell, Vermont. In about two years the plant is expected to be producing 32-million square feet of wallboard per year.

Wheeler Manufacturing Corporation, Ashtabula, Ohio, issued a product brochure describing its "Squeeze & Pop" pipe cutters for cutting asbestos-cement sewer and pressure pipes and ducts. The cutters are said to do an effective, quick job with no wear to parts and without causing dust.

THIS CONCLUDES PART II OF OUR REVIEW OF THE YEAR 1977. THE NEXT ISSUE OF "ASBESTOS" WILL REVIEW HAPPENINGS IN THE OCCUPATIONAL SAFETY AND HEALTH SECTOR OF THE INDUSTRY.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 34 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/34

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/12705/35

PRODUCTION—IMPORTS—EXPORTS

CANADIAN FIBER SHIPMENTS

Primary Canadian Producers' shipments of asbestos (including tonnage for own use) amounted to 157,802 short tons in *September 1977* and 163,349 tons in *October 1977*. The cumulative total for *January-October 1977* was 1,457,466 tons: 1,201,345 tons from Quebec plants and 256,121 tons from plants in Newfoundland, Ontario, British Columbia and the Yukon. The total for *January-October 1976* was 1,390,394 tons: 1,134,335 tons from plants in Quebec and 256,059 tons from plants in the other four Provinces [Statistics Canada, Ottawa]

CANADIAN PRODUCT & FIBER IMPORTS

Imports of various asbestos-containing products for the *First Nine Months of 1977* were valued as follows: vinyl-asbestos floor and wall tiles—$140,000 (85,985 square yards); asbestos cloth, dryer felts and sheets—$3,238,000; asbestos packing—$1,551,000 (1,163,278 pounds); asbestos brake linings—$3,202,000; asbestos clutch facings—$942,000; asbestos-cement shingles and siding—$68,000; asbestos-cement boards and sheets—$310,000; other asbestos building materials—$4,129,000; other asbestos basic products—$2,731,000. . . . Imports of unmanufactured asbestos totaled 3,470 tons valued at $1,424,000: 2,070 tons from the Republic of South Africa valued at $1,233,000 and 1,400 tons from the United States valued at $191,000. [Statistics Canada, Ottawa]

FELT SHIPMENTS FROM CANADA

Canadian shipments of asbestos, cotton and synthetic dryer felts and fabrics for the *First Nine Months of 1977* totaled 3,686,408 square feet (342,478 square meters) valued at $11,146,624. Shipments of woven and/or needled wet felts and jackets (including felts used in asbestos-cement pipe or sheet-forming operations) reached 1,649,165 pounds (748,045 kilograms) valued at $25,174,622. Shipments of paper machine forming fabric amounted to 1,787,147 square feet (166,030 square meters) valued at $12,462,552. [Statistics Canada, Ottawa]

CANADA'S FLOOR TILE OUTPUT

Production of vinyl-asbestos floor tile by Canadian manufacturers for the *First Nine Months of 1977* reached 30,742 metric tons (6.4-million square meters) compared with 37,907 tons (8.3-million square meters) in the same period a year earlier. *Shipments* totaled 31,354 tons (6.4-million square meters) in the latest nine-month period against 34,759 tons (7.6-million square meters) for the first nine months of 1976. [Statistics Canada, Ottawa]

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 36 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/36



Amosite from Cape

Natural length, natural strength, rapid filtration and resilience.
Characteristics of Amosite fibres that improve the handling of wet products and controlled curing in the whole range of asbestos cement and make them a natural for reinforced plastics and insulation materials.
Cape are the world's largest producers of amphibole fibres—and we've the technical expertise and product support to match.

Cape's Research Makes it Work

CAPE

Cape Asbestos Fibres Ltd.,
Iver Lane, Cowley,
Uxbridge, Middlesex.
Telex: 23471/UXB
Tel: Uxbridge (89) 37111

N. American Asbestos Corp.,
Suite 2950,
150 N. Wacker Drive,
Chicago, Illinois 60606
Tel: (312) 726 8515

IMPORTS INTO THE UNITED STATES

From: U.S. Bureau of the Census

UNMANUFACTURED ASBESTOS: **SEPTEMBER 1977**

Amosite	s.tons	..	$ ..
Crocidolite (Blue), South Africa	s.tons	1,016	609,666
Chrysotile Crudes	s.tons	..	..
Chrysotile Spinning Fibers, Canada	s.tons	194	151,903
South Africa	s.tons	157	115,248
Chrysotile, Other, Canada	s.tons	41,946	8,886,939
South Africa	s.tons	4	4,408
Other Crudes & Fibers, Canada	s.tons	406	99,996
USSR	s.tons	1,692	394,989
		45,415	$ 10,263,149

MANUFACTURED ASBESTOS PRODUCTS:

Asbestos yarn, cloth, tape, etc.	Lb	1,210,687	$ 1,743,393
A-C pipes, tubes & fittings	Lb	1,598,513	199,455
Other asbestos-cement articles	Lb	1,752,257	308,548
Other asbestos articles		..	515,386
			$ 2,766,782

UNMANUFACTURED ASBESTOS: **JANUARY-SEPTEMBER 1977**

Amosite, Canada	s.tons	1	$ 570
South Africa	s.tons	473	235,820
Crocidolite (Blue), South Africa	s.tons	10,142	4,406,913
Chrysotile Crudes, Canada	s.tons	134	65,576
Rhodesia	s.tons	2,45[illegible]	2,368,050
South Africa	s.tons	2,387	1,390,474
Chrysotile Spinning Fibers, Canada	s.tons	4,927	4,639,301
South Africa	s.tons	283	196,594
USSR	s.tons	2,190	443,348
Chrysotile, Other, Canada	s.tons	412,306	92,997,911
Mexico	s.tons	14	3,215
South Africa	s.tons	37	32,575
USSR	s.tons	166	49,454
Other Crudes & Fibers, Canada	s.tons	8,413	1,352,935
Mexico	s.tons	220	133,000
South Africa	s.tons	1,639	805,472
Sweden	s.tons	1	495
USSR	s.tons	5,494	1,069,696
		451,278	$110,191,399

MANUFACTURED ASBESTOS PRODUCTS:

Asbestos yarn, cloth, tape, etc.	Lb	8,877,665	$ 12,677,995
A-C pipes, tubes & fittings	Lb	14,418,911	1,575,125
Other asbestos-cement articles	Lb	40,114,633	6,430,606
Other asbestos articles		..	4,512,979
			$ 25,196,705

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 38 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/38

WEHRHAHN



hydraulic destacking machine





asbestos-cement sheet plant

...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

EXPORTS FROM THE UNITED STATES

From: U.S. Bureau of the Census

SEPTEMBER 1977

UNMANUFACTURED ASBESTOS:			
Fibers not further processed than beaten, washed or graded to length	s.tons	1,337	$ 538,142
Waste and refuse	s.tons	1,309	242,626
		2,646	$ 780,768

MANUFACTURED ASBESTOS PRODUCTS:			
A-C shingles & clapboard	Lb	2,462,462	$ 426,216
Other a-c fiber-cement articles	Lb	2,667,698	931,017
Gaskets	Lb	1,566,538	886,228
Packing	Lb	403,713	1,066,377
Heat or sound insulation			366,125
Textiles & yarns	Lb	1,068,097	845,012
Protective clothing			174,704
Mfrs. other than friction materials			1,088,884
Clutch facings & linings for auto. use	No	79,979	212,774
Other clutch facings & linings	No	14,489	24,176
Brake linings for automotive use	Lb	813,366	696,010
Other brake linings	Lb	320,977	433,053
			$ 7,150,576

JANUARY-SEPTEMBER 1977

UNMANUFACTURED ASBESTOS:			
Fibers not further processed than beaten, washed or graded to length	s.tons	12,999	$ 5,561,412
Waste and refuse	s.tons	15,032	3,238,905
		28,031	$ 8,800,317

MANUFACTURED ASBESTOS PRODUCTS:			
A-C shingles & clapboard	Lb	8,297,098	$ 1,426,711
Other a-c fiber-cement articles	Lb	39,264,843	10,727,121
Gaskets	Lb	2,189,590	2,288,140
Packing	Lb	4,032,670	9,404,067
Heat or sound insulation			3,764,568
Textiles & yarns	Lb	14,501,898	8,637,579
Protective clothing			1,017,563
Mfrs. other than friction materials			12,344,916
Clutch facings & linings for auto. use	No	459,353	1,183,012
Other clutch facings & linings	No	224,972	262,955
Brake linings for automotive use	Lb	7,848,250	7,230,656
Other brake linings	Lb	1,906,894	2,532,741
			$60,820,029

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 40 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/40

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

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/41

EXPORTS FROM CANADA

From: Statistics Canada

SEPTEMBER 1977
Short Tons

UNMANUFACTURED ASBESTOS:	Crude	Milled Gp 3	Milled Gp 4&5	Shorts Gp 6-9
Western Europe	..	891	12,900	8,178
Eastern Europe	..	..	3,043	220
Middle East	..	..	5,166	865
Africa	..	..	2,714	854
Asia	..	204	6,849	10,025
Oceania	..	..	7,348	641
So. & Cen. America & Antilles	..	448	5,174	2,902
United States	1	374	8,650	36,508
	1	1,917	51,844	60,193

The total amount of unmanufactured asbestos exported in *September 1977* was 113,955 short tons, valued at $40,155,000.

MANUFACTURED ASBESTOS PRODUCTS:

Asbestos cloth, dryer felts & sheets	$ 87,000
Asbestos brake linings & facings	366,000
Asbestos-Cement building materials	1,574,000
Other basic asbestos products	621,000
	$ 2,648,000

JANUARY-SEPTEMBER 1977

UNMANUFACTURED ASBESTOS:	Crude	Milled Gp 3	Milled Gp 4&5	Shorts Gp-6-9
Western Europe	..	8,222	199,188	127,447
Eastern Europe	..	1,761	23,482	4,042
Middle East	..	198	19,267	3,094
Africa	..	..	14,293	5,464
Asia	..	2,268	79,304	103,090
Oceania	..	5	48,862	7,433
So. & Cen. America & Antilles	..	1,451	70,504	27,021
United States	1	6,053	99,858	323,854
	1	19,958	554,758	601,445

The total amount of unmanufactured asbestos exported in *January-September 1977* was 1,176,162 short tons, valued at $406,107,000.

MANUFACTURED ASBESTOS PRODUCTS:

Asbestos cloth, dryer felts & sheets	$ 808,000
Asbestos brake linings & facings	2,450,000
Asbestos-Cement building materials	9,911,000
Other basic asbestos products	4,018,000
	$17,187,000

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 42 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/42

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) 688-8361

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

KILBORN

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, January 1978
ACL Doc 12705 · Page 44 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/44

— 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.



Officine Meccaniche

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

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

BAZZI

ASBESTOS STOCK QUOTATIONS

Close—December 20, 1977

Abitibi Asbestos	C$.68
Advocate Mines	C$3.30
Armstrong Cork	17¾
Armst. Cork (pfd 3.75)	49
Asarco	14⅞
Asbestos Corporation	C$37.75
Bendix	37¾
Bendix (pfd 3)	79
Carlisle	22¼
Cassiar Asbestos	C$8.25
CertainTeed	24¾
Charter Conso	pence 131
Colt Industries	45
Colt Ind. (pfd 1.60)	24⅛
Colt Ind. (pfd 4.25)	65¼
Conwest	C$4.30
Flintkote	19
GAF Corporation	10½
GAF (pfd 1.20)	16¼
Gulf & Western	11½
G&W (warrants)	1/256
G&W (pfd 2.50)	30½
G&W (pfd 3.87)	58½
G&W (pfd 5.75)	70½
IC Industries	24¼
IC Ind (pfd 3.50)	43⅜
Jim Walter Corporation	28⅝
Jim Walter (pfd 1)	11⅝
Jim Walter (pfd 1.60)	30⅞
Johns-Manville	30¾
Kennecott Copper	20⅝
Lear Siegler	14⅞
Lear Siegler (pfd 2.25)	40
Maremont	18¾
McAdam Mining	C$.27
National Gypsum	16
Pathfinder	C$.23
Porter (pfd 5.50)	72½
Raybestos-Manhattan	31
Rio Algom	C$26.00
Supradur	Bid 5⅞; Asked 6⅜
Union Carbide	40¼
Woodsreef Minerals	C$.71

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"

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 46 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/46

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 BTR GROUP COMPANY



Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/47

PIUZE & OUGHTRED RECEIVE ASBESTOS STORY RINGS

Asbestos Story Rings are awarded to outstanding world leaders in the asbestos mining and manufacturing industries. The gold ring consists of an onyx centerpiece inscribed with the holder's monogram and supported by interlocked gold figurines depicting typical asbestos mining and manufacturing activities. Existing ring holders, who now number 20, nominate recipients of the unique and coveted award.

The special honor was bestowed during a testimonial dinner in Montreal on November 18, 1977, on *Lionel C. Piuze* (Casting No. 19), Vice President-Operations for Lake Asbestos of Quebec Ltd., and on *William W. Oughtred* (Casting No. 20), recently retired President and Chief Executive Officer of Asbestos Corporation Ltd.

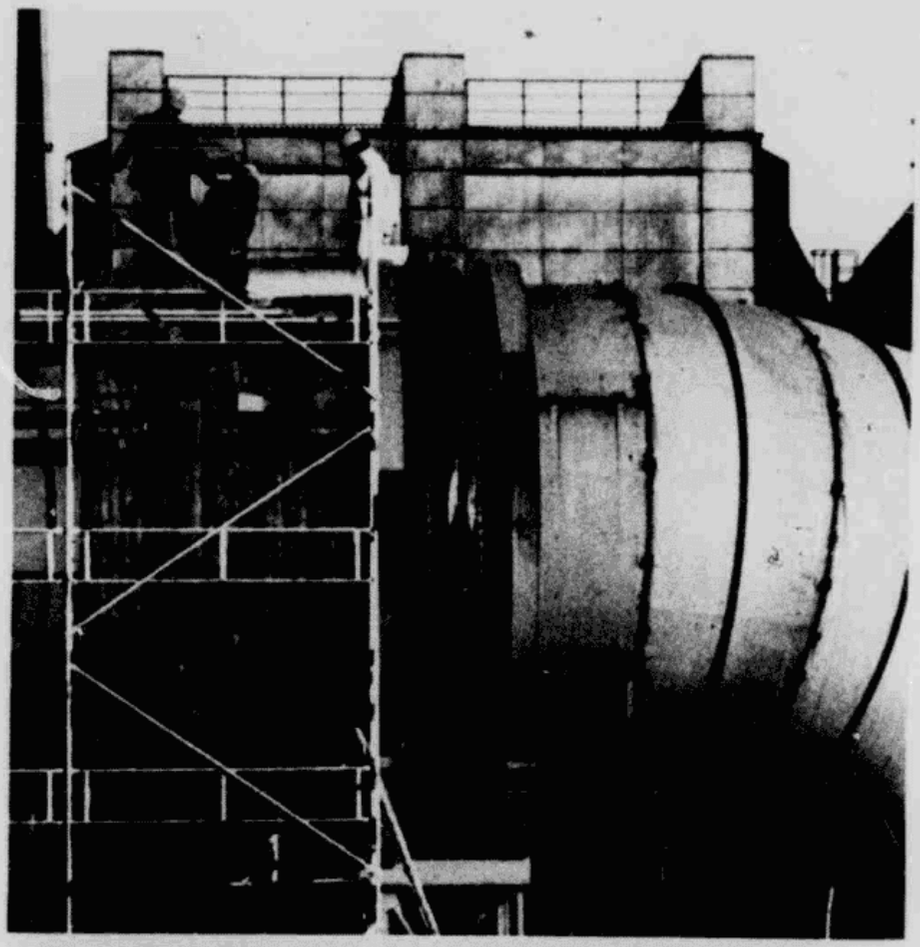


Mr. Piuze, a native of Riviere-du-Loup, Quebec, began his distinguished asbestos career in 1941 as a Mining Engineer with Asbestos Corporation. He became Plant Manager-Production of the British Canadian Mine in 1949 and of the Normandie Mine in 1954. He joined Lake Asbestos of Quebec in 1957 as Production Manager, became General Manager in charge of Production in 1964, Vice President and General Manager in 1966 and has been Vice President-Operations since 1977. He is a distinguished lecturer for and an Executive Committee Member of the Canadian Institute for Mining and Metallurgy, Chairman of the Environmental Control Committee of the Quebec Asbestos Mining Association and a Member of the Air Pollution Control Association, the American Institute of Mining Engineers, the Order of Engineers (Quebec) and the Association of Polytechnical School. He recently received the eminent CIMM Selwyn G. Blaylock Medal and is a Life Member of the Kiwanis and one of the Founders of the Thetford Chapter.



Mr. Oughtred has given 31 years of distinguished service to the Industry. Born in Ainsworth, British Columbia, he served five years as a Flight Lieutenant in the Royal Canadian Air Force and graduated from McGill University in 1946 as a Mining Engineer with a B.Eng. degree. He joined Asbestos Corporation in 1946 and spent three years on exploration in Newfoundland, after which he was named Exploration Manager. In 1951 he was appointed Manager and in 1961 Vice President of the newly-formed Asbestos Corporation (Explorations) Ltd. He became Assistant General Manager of ACL in 1954, Vice President and General Manager in 1964, Executive Vice President in 1965, a Director and Member of the Executive Committee in 1966 and was elected President and Chief Executive Officer in 1967. He also has been President and a Director of Asbestos Corporation Services Ltd., Hudson Strait Asbestos Ltd., General

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 48 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/48



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/12705/49

Minerals Beneficiation Ltd. and Thetford Country Club, Inc., Chairman and a Director of Minorex Ltd. and a Director of Baffinland Iron Mines Ltd. In addition to several clubs he is a Member of the Canadian Institute of Mining and Metallurgy, Prospectors and Developers Association, American Management Association, British Columbia and Yukon Chambers of Mines and the Canadian Chamber of Commerce.

The distinguished list of past recipients of the Asbestos Story Ring includes: Grant V. Wilson of Grant Wilson, Inc.; Ladd L. Wilson of Nicolet, Inc.; Lorne Bain of Asbestos Erectors of Canada Ltd.; Reuben H. Chase of Production Devices, Inc.; Arthur F. Moore of Carey-Canadian Mines Ltd.; Edgard M. Bollaert of The Flintkote Company; J. A. D. Marcotte of Asbestos Corporation Ltd.; E. L. Clayton of The Philip Carey Manufacturing Company; Klaus Rheinhold of Becker & Haag; George W. Smith of Bell Asbestos Mines Ltd.; Alfred L. Penhale of Asbestos Corporation Ltd.; Edith E. Cox of ASBESTOS Magazine; William S. Coweli of Albion Asbestos Packings Ltd.; Karl V. Lindell of Canadian Johns-Manville Co. Ltd.; Andre Emsens of Cie Financiere Eternit; Sir Ralph M. Bateman of Turner & Newall Ltd.; F. Parker Smith of Bell Asbestos Mines; and Michael J. Messel of Lake Asbestos of Quebec Ltd.

NELSON F. BAIN—DECEASED

It is with deep regret that we announce the sudden passing of *Nelson F. Bain*, Vice President of Marketing for Atlas Asbestos Company Ltd., Montreal, Quebec.

Mr. Bain had been with Atlas Asbestos from 1950 to 1953 and rejoined the company in 1970. He became General Sales Manager in 1973 and Vice President of Marketing in 1975. During the intervening years between 1953 and 1970 he maintained a close association with Atlas while President of Asbestos Erectors of Canada Ltd.

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]

—WE WELCOME A NEW ADVERTISER—

FRENZELIT ASBESTWERKE; page 49

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 50 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/50



Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/51

BIRTHDAY GREETINGS to . . .

Claude A. Kennedy, Director of Manufacturing Engineering, Raybestos Manhattan Industrial Products Company, Raybestos-Manhattan, Inc., North Charleston, South Carolina, January 15.

David F. Calliari, Senior Vice President-Finance and Administration and a Director, Raybestos-Manhattan, Inc., Trumbull, Connecticut, February 15.

E. A. DiSalvo, President, Roofing Products Division, The Celotex Corporation, Jim Walter Corporation, Tampa, Florida, February 16.

R. L. Schult, National Sales Manager, Union Carbide Corporation, Metals Division, Niagara Falls, New York, February 17.

E. R. E. Carter, Chairman of the Board and President, Advocate Mines Ltd., Toronto, Ontario, February 20.

James K. Gilmore, Sales Manager, Vermont Asbestos Group, Inc., Hyde Park, Vermont, February 20.

William D. Herbert, President, The Celotex Corporation, and Senior Vice President and Group Executive, Jim Walter Corporation, Tampa, Florida, February 20.

J. Hugh Murphy, Secretary, Asarco Inc., New York City, February 21.

Michael J. Messel, President and a Director, Lake Asbestos of Quebec Ltd., and Vice President (Asbestos), Asarco Inc., Black Lake, Quebec, February 22.

Dr. R. J. Bishop, Joint Managing Director, TAC Construction Materials Ltd., Turner & Newall Ltd., Trafford Park, Manchester, England, February 23.

Frank G. Mestnik, Director of Business Development and Planning, RM Industrial Products Company, Raybestos-Manhattan, Inc., North Charleston, South Carolina, February 23.

Charles M. Fenton, Vice Chairman and Group Managing Director, BBA Group Ltd., Cleckheaton, Yorkshire, England, February 24.

D. J. Barboure, Managing Director, Turnall Ltd., Turner & Newall Ltd., Jacobs, Durban, Natal, Republic of South Africa, February 26.

W. H. Foster, Vice President-Operations, Asbestos Corporation Ltd., Montreal, Quebec, February 27.

R. J. Frater, Managing Director, Kismet Ltd., Cape Industries Ltd., Fenlake Works, Bedford, England, February 27.

William P. Gibbons, Vice President and Director for Divisional and Corporate Advertising, Johns-Manville Corporation, Denver, Colorado, February 27.

William R. Bond, Chairman of the Board, Cement Asbestos Products Company, and a Director, Asarco Inc., Birmingham, Alabama, February 28.

James J. Polizzi, Vice President, North American Asbestos Corporation, Cape Industries Ltd., Chicago, Illinois, February 28.

Thomas F. Quinn, Corporate Personnel Manager, Nicolet Inc., Ambler, Pennsylvania, February 28.

John S. Autry, Vice President in charge of Public Affairs Office, Johns-Manville Corporation, Washington, D. C., March 1.

S. G. Dixit, Manager of Engineering, Compression Packing Division, Garlock Inc., Sodus, New York, March 1.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 52 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/52

steel

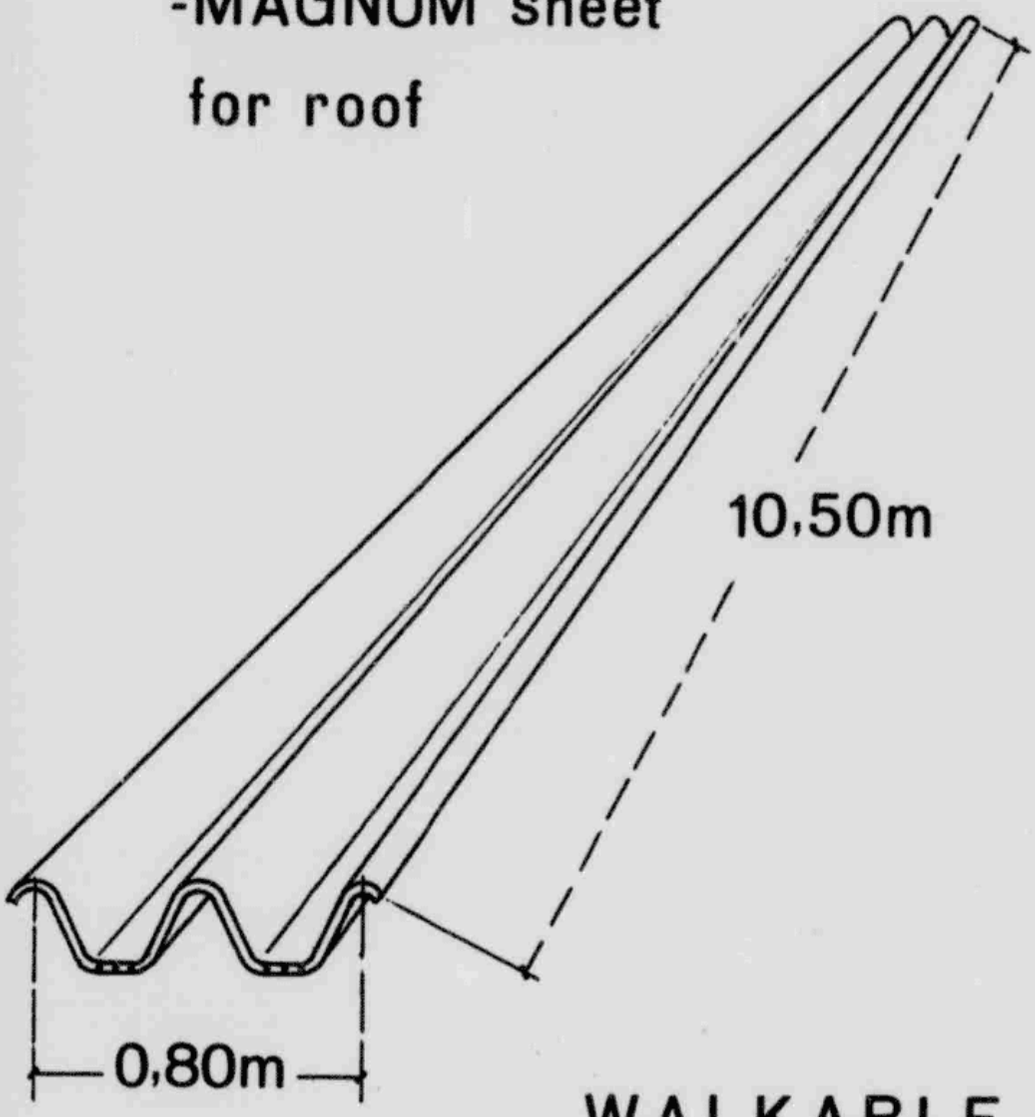
•asbestos

•cement

=MAGNUM sheet

for roof

NEW!



WALKABLE

ispra

Paderno Dugnano (Milano-Italy)

S.p.A. — Telex 36113

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/53

K. M. Haapanen, Production Manager, Asbestos Corporation Ltd., Thetford Mines, Quebec, March 1.

John L. Rainey, President, Amatex Corporation, Norristown, Pennsylvania, March 1.

R. W. Whittell, Managing Director, Scandura Ltd., BBA Group Ltd., Cleckheaton, Yorkshire, England, March 1.

Dr. Val Kudryk, Manager, Central Research Laboratories, Asarco Inc., South Plainfield, New Jersey, March 2.

A. C. Steele, Assistant Vice President-Sales, Asbestos Corporation Ltd., Montreal, Quebec, March 2.

James E. Sullivan, President, Pacor, Inc., Philadelphia, Pennsylvania, March 3.

B. G. Hill, Chairman, Ferodo Ltd., and a Director and Chief Executive, Automotive Components Division, Turner & Newall Ltd., Manchester, England, March 5.

A. E. Murray, Managing Director, Cape Insulation (Ireland) Ltd., Cape Industries Ltd., Dublin, Ireland, March 6.

H. B. Rhodes, Marketing Services Manager-Asbestos, Union Carbide Corporation, Metals Division, Niagara Falls, New York, March 6.

Christopher D. Colson, Marketing Manager, Textile Group, Raybestos Manhattan Industrial Products Company, Raybestos-Manhattan, Inc., North Charleston, South Carolina, March 8.

D. W. Hills, Chairman of TBA Industrial Products Ltd. and of British Industrial Plastics Ltd. and an Executive Director and Chief Executive, Plastics and Industrial Materials Division, Turner & Newall Ltd., Manchester, England, March 9.

Paul C. Nikitovich, General Manager, Latin America and Far East, Johns-Manville Corporation, Denver, Colorado, March 9.

Melville P. Carson, Executive Vice President, Asbestos Corporation Ltd., Montreal, Quebec, March 10.

M. C. Pretorius, Deputy Chairman, Turners Engineering Products (Pty) Ltd., and Turnall Ltd., Jacobs, Natal, and Turnall (Cape) (Pty) Ltd., Kuils River, Republic of South Africa, March 10.

Paul-A. Filteau, Executive Vice President, Quebec Asbestos Mining Association, Quebec City, Quebec, March 12.

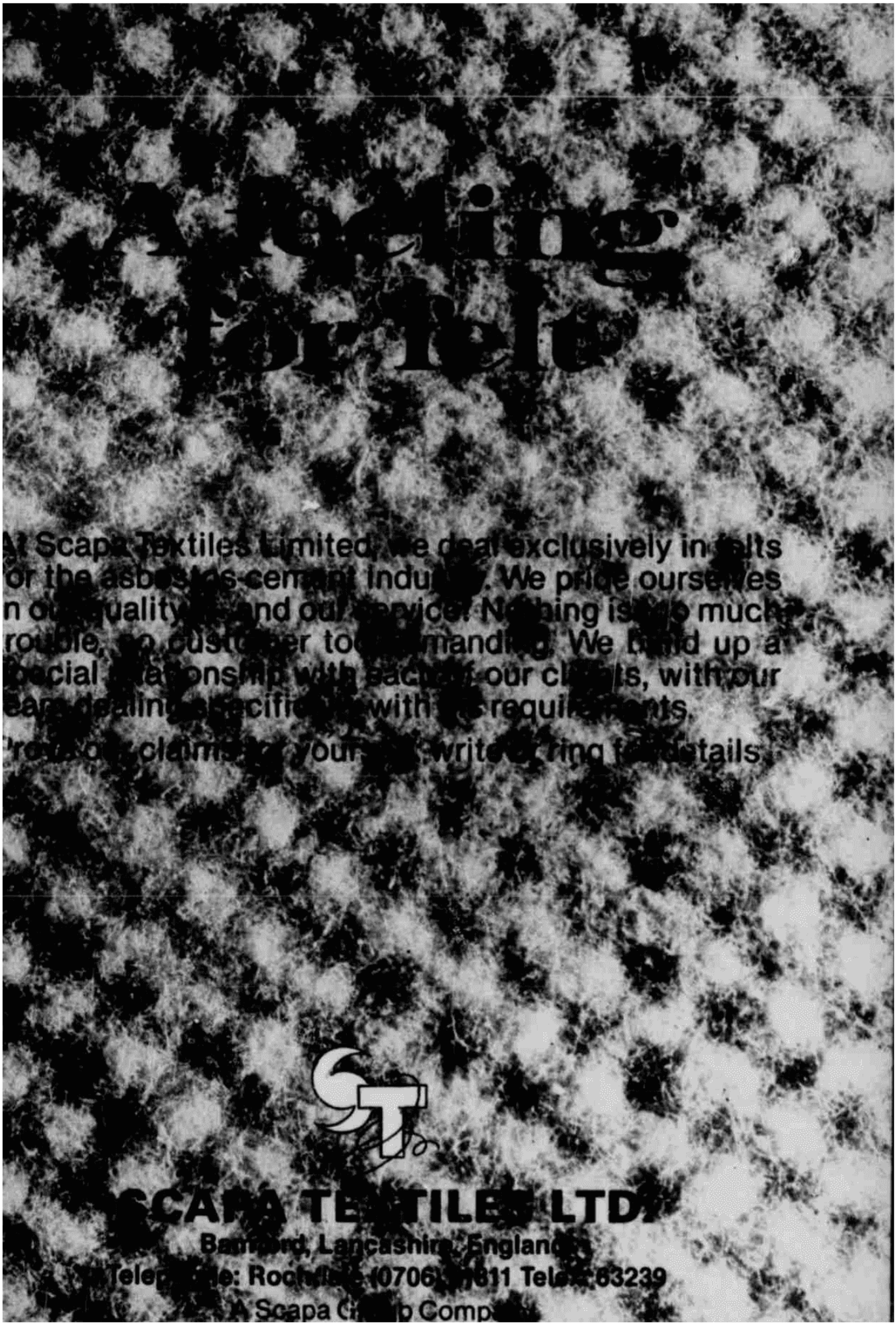
G. P. Loubert, President, Canadian Johns-Manville Co. Ltd., Asbestos, Quebec, March 13.

Chester J. Sulewski, a Senior Vice President, Johns-Manville Corporation, Denver, Colorado, March 14.

John Fear, Plant Industrial Engineer, Cement Asbestos Products Company, Asarco Inc., Van Buren, Arkansas, March 12.

ENGINEER
Looks for Interesting Work
Speaks English, French and German
Has 30 Years Experience in Asbestos Cement, especially the Manufacture of Large Pipes
Please Reply To: Department 871-A, c/o ASBESTOS
P.O. Box 471, Willow Grove, Pennsylvania 19090

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 54 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/54



Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/55

CALENDAR OF EVENTS

CONSTRUCTION INDUSTRY NATIONAL LEGISLATIVE CONFERENCE—Cosponsored by 27 national construction industry associations; Hyatt Regency Hotel, Washington, D. C., *January 30-31.*

EXPLOSIVES AND BLASTING TECHNIQUES—4th Conference of the Society of Explosives Engineers; New Orleans, Louisiana, *February 1-3.*

PROFESSIONAL DEVELOPMENT—Seminars conducted by the Department of Mining and Metallurgical Engineering, McGill University, Montreal, Quebec: Mineral Investment Decision Techniques, *February 6-17;* Organizing for Results in the Mineral Industry, *February 20-24;* The Planning and Execution of Mineral Development Strategies, *February 27-March 10.*

CLEAN AIR ACT—Forum for implementation of the Clean Air Act Amendments of 1977; cosponsored by the U.S. Environmental Protection Agency and the Air Pollution Control Association; *February 14* in Chicago, Illinois; *February 16* in Denver, Colorado, *February 23* in Atlanta, Georgia.

LIFE SAFETY CODE—Seminars of the National Fire Protection Association: *February 14-16* in Tampa, Florida; *February 27-March 1* in Philadelphia, Pennsylvania; *March 15-17* in Kansas City, Missouri; *March 28-30* in San Diego, California; *April 3-5* in Washington, D. C.; *April 11-13* in Boston, Massachusetts; *May 8-10* in New Orleans, Louisiana.

AMERICAN TEXTILE MACHINERY ASSOCIATION—45th Annual Meeting; Omni Hotel Complex, Miami, Florida, *February 19-21.*

CONFRONTING THE RISKS OF CIVIL LIABILITY IN CHEMICAL MANUFACTURE AND SALE—Conference presented by Executive Enterprises, Inc.; Stouffer's National Center Hotel, Arlington, Virginia, *February 23-24.*

AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS—107th Annual Meeting; Denver, Colorado, *February 26-March 2.*

ENERGY TECHNOLOGY—5th Conference and Exposition produced by ETC., Inc.; Sheraton Park Hotel, Washington, D. C., *February 27-March 1.*

EUROTUNNEL 78—International Exhibition and Conference for the Tunnelling Industries; Schweizer Mustermesse, Basle, Switzerland, *February 28-March 3.*

GEOEXPO 78—2nd Biennial Exhibition sponsored by the French Ministre de l'Industrie et de la Recherche; Parc des Expositions, Toulouse, France, *March 7-10.*

INDUSTRIAL MINERALS—3rd International Congress organized by Metal Bulletin Ltd., publisher of "Industrial Minerals"; Sheraton Hotel, Paris, France, *March 13-15.*

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 56 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/56

from feasibility study to successful operation...

Unique service in Asbestos Cement Plants.

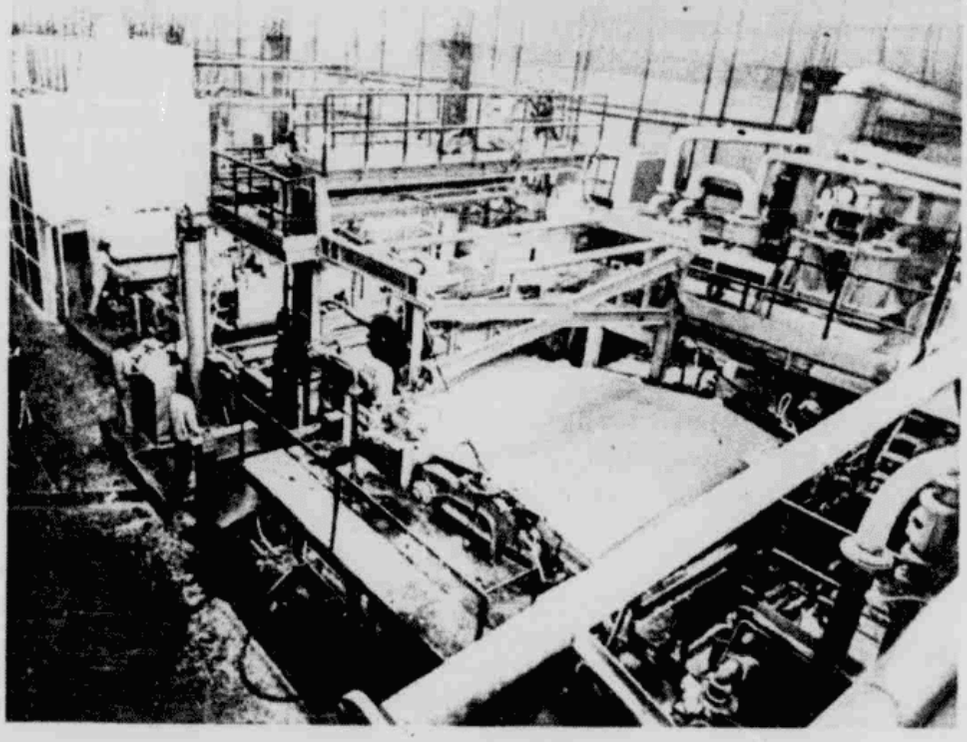
HYDERABAD ASBESTOS India's largest manufacturers of Asbestos Cement Products with over 30 years of experience, offer a comprehensive package of turn-key service—individual plants and know-how to set up a new A. C. products manufacturing plant or expand the existing one.

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)



Pressure Pipe Plant

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/57

REMEMBER WHEN?

(*December 1927 ASBESTOS*)

New Advertiser: Johnson & Bassett, Inc., Worcester, Massachusetts.

This issue reported the death of Charles Brayton Manville at the age of 95. He had founded the Manville Covering Company, a predecessor of Johns-Manville Corporation, which grew under his leadership and that of his son, Thomas F. Manville, to occupy a predominant position in the Asbestos Industry.

Eternit, Inc., introduced an improved design of asbestos-cement corrugated sheet featuring deeper corrugations, increased center-to-center spacing of the corrugations and greater overall width of the sheet. These changes represented substantial departures from the then-common sheet design (which had been copied from that used for corrugated steel sheets) and were intended to take full advantage of the novel characteristics of the asbestos cement construction.

The American Engineering Standards Committee approved a Tentative American Standard for automobile brakes and brake testing. The Standard provided that all automobiles must be equipped with independent service and emergency brake systems and specified performance standards for each such system.

(*January 1928 ASBESTOS*)

New Advertiser: British Belting & Asbestos Ltd., London, England.

The lead article in this issue described, at some length, the nature of the Blue asbestos deposits in South Africa and the methods of recovery then being used. At the time, the total production of Blue was at the rate of about 500 tons of crude and fiber per month.

Johns-Manville Corporation announced the termination of its insulation application activities in two major marketing areas and the appointment of Approved Contractors to perform this function. H. W. Porter & Company, Inc., became the Approved Contractor for Northern New Jersey and New York City and Nicely & Company was appointed to serve the Philadelphia Metropolitan area.

A short article discussed the use of X-rays as a means for controlling the quality of brake linings. It had been found that particular types of asbestos from various sources could be identified by their X-ray diffraction patterns and this method of checking could be used on completed brake linings to identify the type of asbestos used in its manufacture.

It was reported that the Amosite asbestos property of Malips Drift Asbestos Mines Ltd. had been acquired by Egnep Ltd., which in turn was controlled by The Cape Asbestos Company Ltd. As a result, Cape then owned or controlled the three largest Amosite-producing mines in the Transvaal—the Penge, the Amosa and the Malips Mines.

Asbestos Magazine, 1978, January 1978
ACL Doc 12705 · Page 58 of 64
Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/58

ASBESTOS

Lake Asbestos is the third largest producer of asbestos in Canada, with sales representatives on every continent of the world. Lake's two mines produce a full range of grades, from the long 3 group for spinning and weaving, to the short 7's for paper, brake lining and floor tile. Western hemisphere representatives below can provide prompt service and local warehousing as required.

SALES REPRESENTATIVES

Arkansas, New Mexico, Oklahoma, Texas
Federated Metals Corporation
Houston, Texas

California: A.J. Lynch & Co.
Los Angeles, San Francisco

Illinois, Indiana, Wisconsin
Jensen-Souders Associates, Inc.
Chicago

Michigan: Matteson-Ridolfi, Inc., Detroit

New England, New York
Northern New Jersey
D.H. Litter Company, Inc.
New York, N.Y., Ballardvale, Mass.

N. Carolina, S. Carolina, Georgia
Tennessee, Alabama, Mississippi
Deeks & Co., Inc.
Stone Mountain, Ga., High Point, N.C.

Ohio
Lawlor Distributors, Inc., Cleveland

Pennsylvania, Delaware, Maryland
Virginia, Southern New Jersey
Van Horn, Metz & Company, Inc.
Conshohocken, Pa., Baltimore, Md.

Washington, Oregon
J.F. Shelton Co., Portland

Argentina
Tradimex S.A.I.Y.C., Buenos Aires

Brazil: Tennant Imp. E Exp. Ltda.
Sao Paulo, Rio de Janeiro

Bolivia: Tennants S.A., La Paz

Canada (Ontario, Quebec)
Federated Genco Ltd.
Montreal and Toronto

Colombia
Holanda Colombia, S.A., Bogota

Dominican Republic
A. Amanzio, Mexico City

Mexico
Industrial Minera Mexico, S.A.
Mexico City

Peru: Tennant (Peru) S.A., Lima

Puerto Rico
Juan Vater & Co., Inc., Santurce

Venezuela
Connell Brothers Co., Ltd., Caracas

General agent for Argentina, Brazil, Bolivia, Peru and Venezuela is Amalgamet Canada Ltd., Toronto. We're also represented in Europe, Asia and Africa. For more information contact: Lake Asbestos of Quebec, Limited, P.O. Box 608, Black Lake, Quebec, (418) 423-4226, Cable: LAQBESTOS BLACK LAKE. Telex: 05-834559.

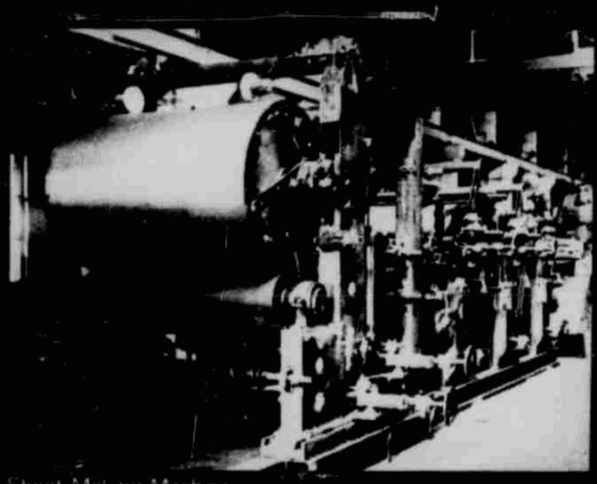
LAKE ASBESTOS

A subsidiary of **ASARCO**

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

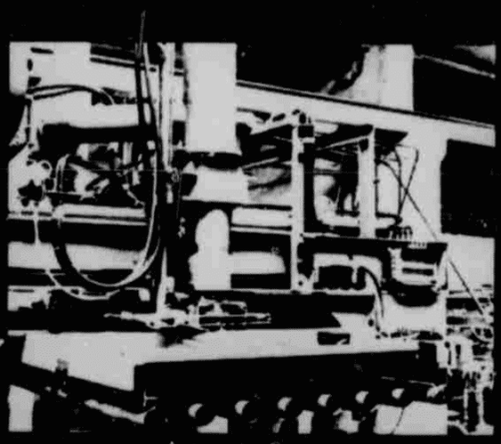
ASBESTOS CEMENT SHEETS, Automatic Corrugating, Colouring Plants for SHEETS

INTERASBEST

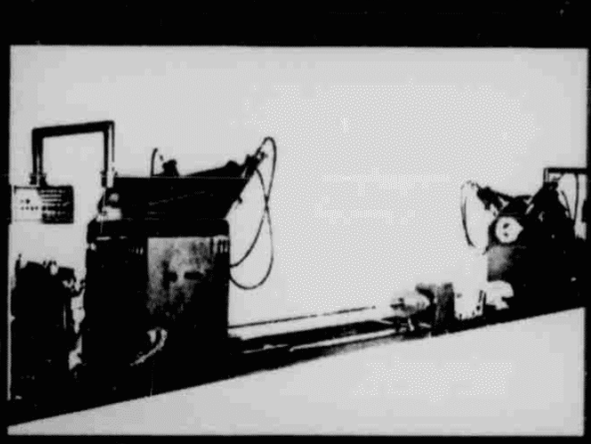


Sheet Making Machine

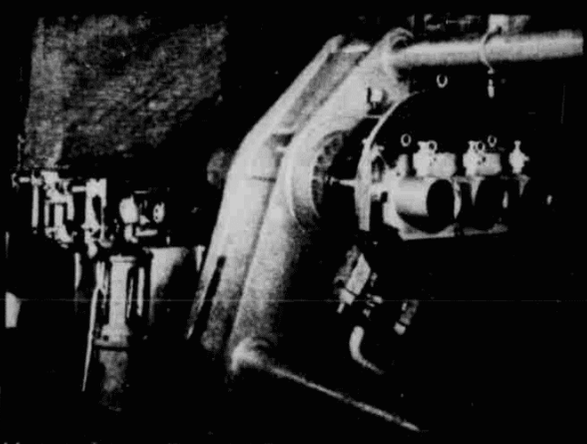
INTERASBEST



Automatic Corrugating unit shown without its Plastic Hug

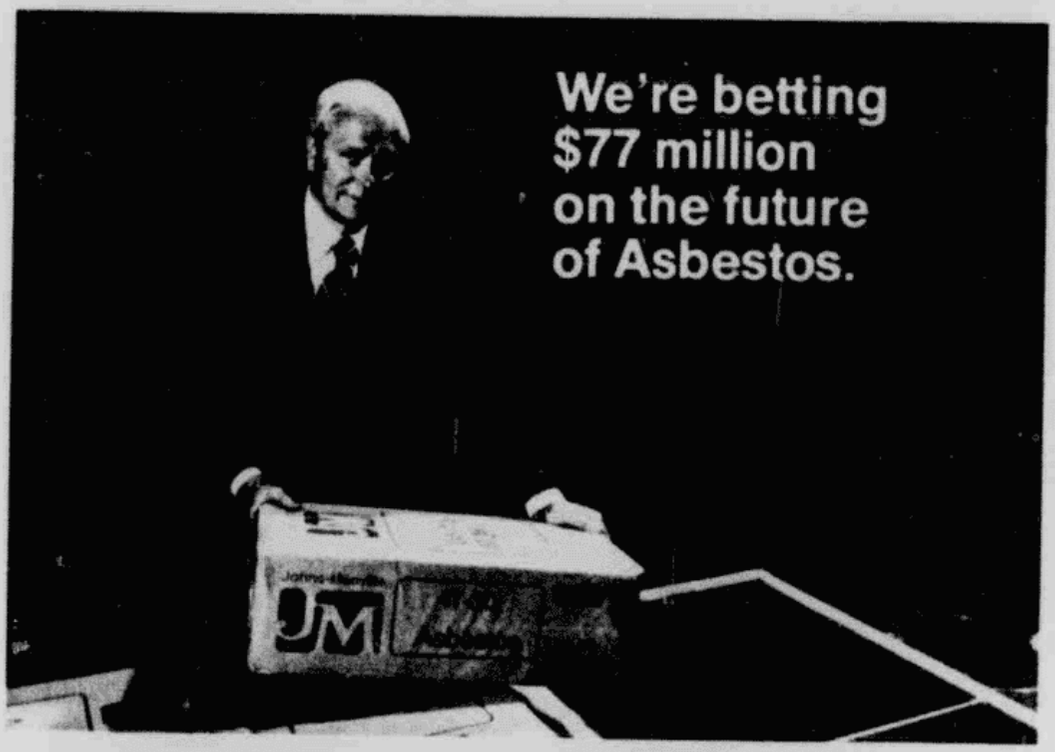


Automatic Pipe Lathe



Multiple Testing Press for Pipes

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



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/12705/61

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.

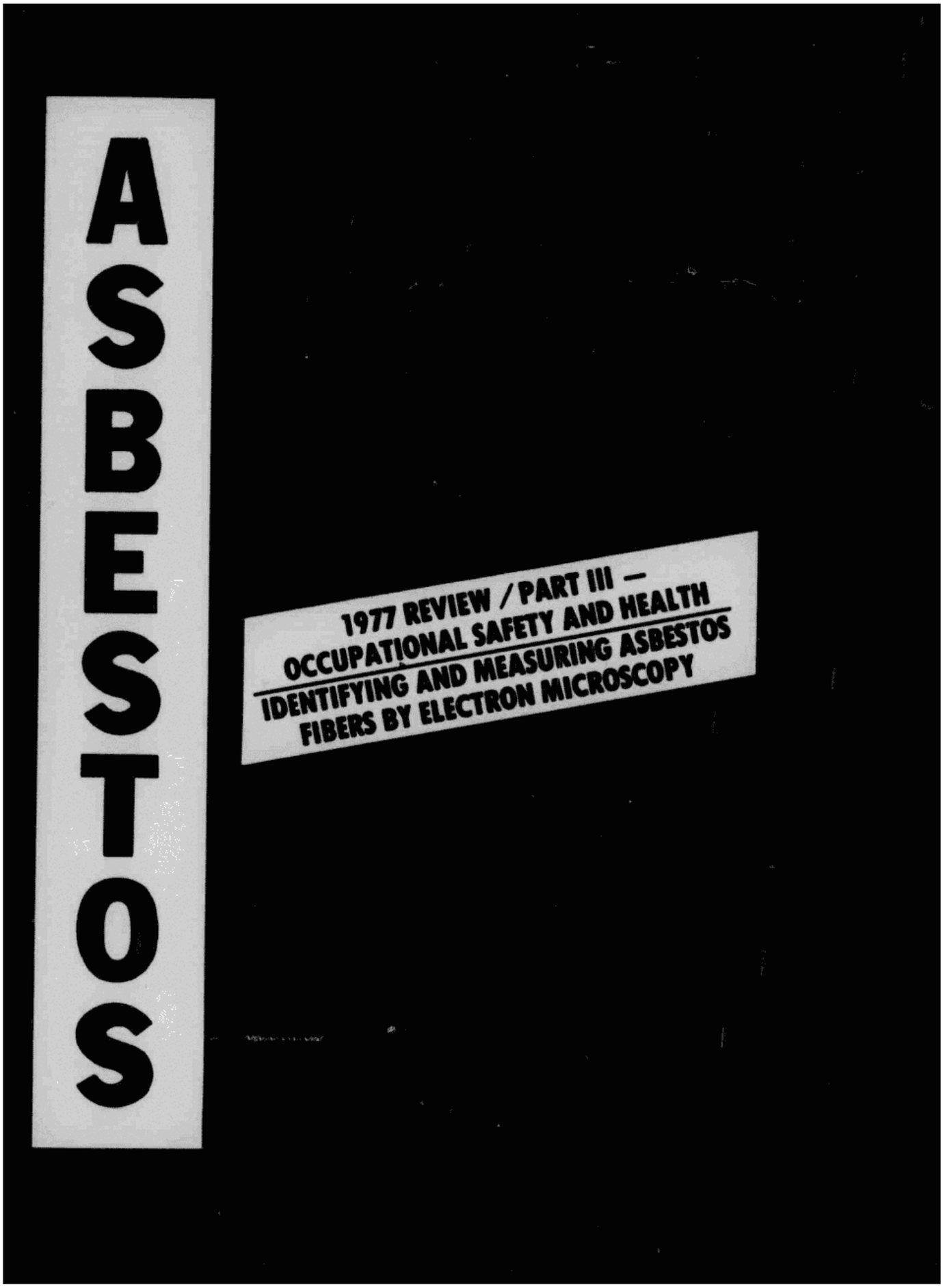
a Jim Walter company

CAREY.
ASBESTOS FIBRE

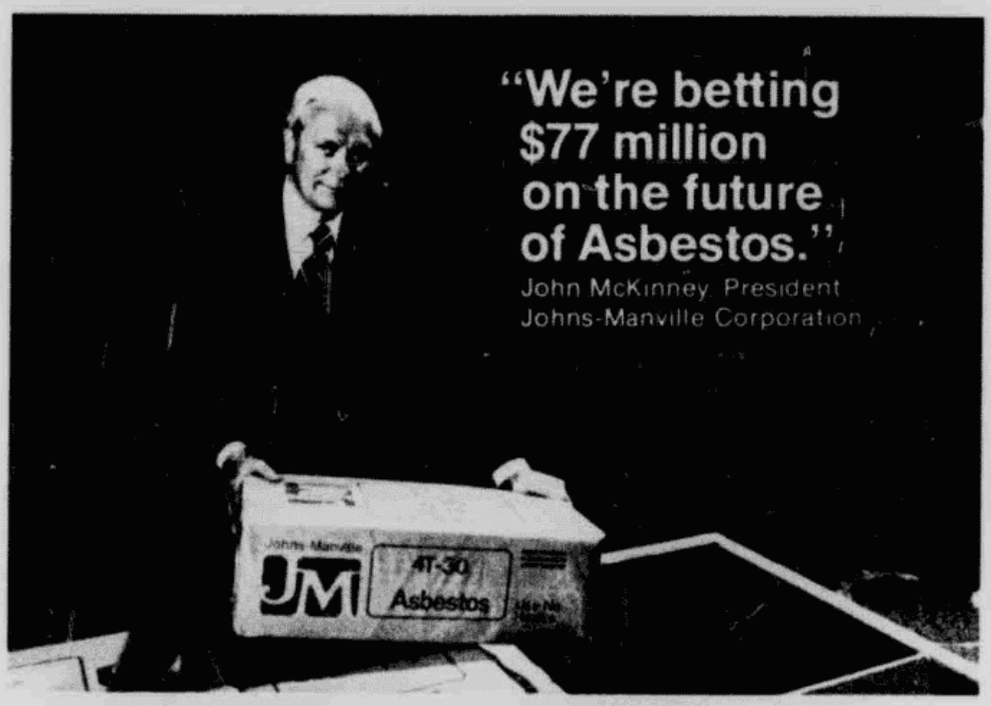
Carey-Canadian Mines, Ltd. • P.O. Box 190 • East Broughton Station, P.Q. • Canada G0N 1H0
Phone: (418) 426-3050 • Telex: 05-834 554 CAREYMINE EABR • Cable: CARMINES EASTBROUGHTONPQ

OVERSEAS • ARGENTINA, Buenos Aires: Will L. Smith SACI • AUSTRALIA, Mt. Waverley, Melbourne: K. V. Robinson & Associates Pty. Ltd. • AUSTRIA, Wien: Robert Weisz • BELGIUM, Brussels: Keyser & Mackay • BRASIL, Sao Paulo: ICI-Intercambio Comercial Internacional Ltda. • COLOMBIA, Barranquilla: General Sales Corporation • Bogota: Alba Quimica • COSTA RICA, San Jose: General Agencies Co. • DENMARK, Copenhagen: Andreas Jennow A/S • DOMINICAN REPUBLIC, Santo Domingo: Muniz, Fernandez & Co. • EL SALVADOR, San Jose, C.R.: Alba Quimica • FINLAND, Copenhagen: Andreas Jennow A/S • FRANCE, Paris: G. Devineau S.A. • GERMANY, Duisburg: Deutsche Asbest-Gesellschaft, GmbH. • Lübeck: Possehl Erzkontor GmbH. • GUATEMALA, San Jose, C.R.: Alba Quimica • HONDURAS, San Pedro Sula: Abraham Sikaffy • INDIA, New Delhi: Toyo Menka Kaisha, Ltd. • ISRAEL, Ramat-Gan: P.B.A. (Wiesner) Ltd. • ITALY, Torino: Franco Rol • JAPAN, Tokyo: T. Kakiuchi & Co., Ltd. • MEXICO, Mexico City: Productos Quimicos Mardupol S.A. • NETHERLANDS, Haarlem: Chemische Productenhandel J. J. Van De Vrande • NEW ZEALAND, Mt. Waverley, Melbourne: K. V. Robinson & Associates Pty. Ltd. • NICARAGUA, San Jose, C.R.: Alba Quimica • NORWAY, Copenhagen: Andreas Jennow A/S • PAKISTAN, Karachi: Toyomenka (Pakistan) Ltd. • PANAMA, San Jose, C.R.: Alba Quimica • SINGAPORE: Keenan & Associates • SPAIN, Valencia: Guzman S.A. • SWEDEN, Copenhagen: Andreas Jennow A/S • SWITZERLAND, Zürich: Keyser & Mackay • TAIWAN, Taipei: Hudson Enterprises Ltd. • TURKEY, Istanbul:

Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/62



Published by AsbestosClaims.Law
asbestosclaims.law/library/12705/63



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.

JM **Johns-Manville**