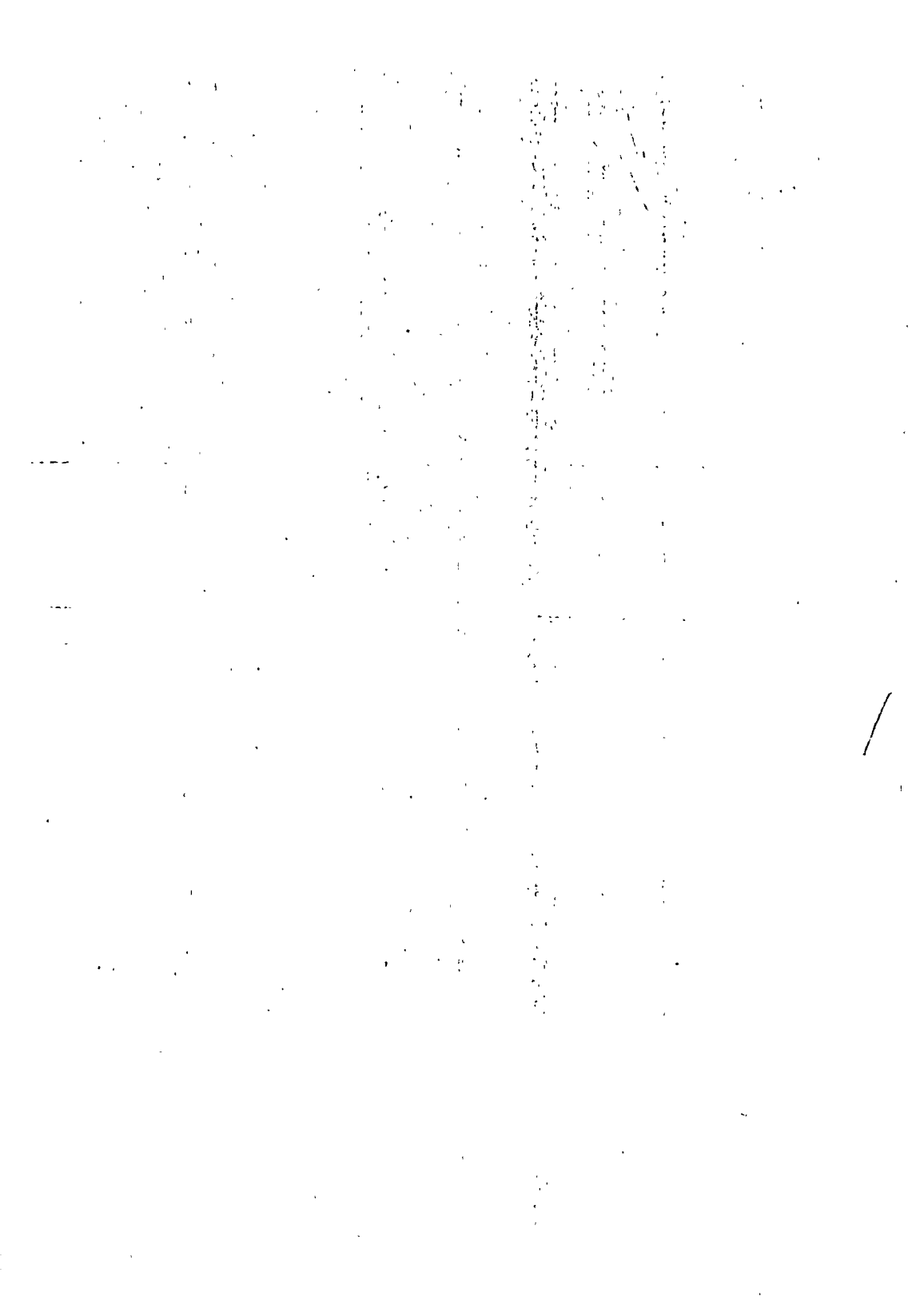


FILE NAME: Eagle-Picher (EP)

DATE: 1937-1975

DOC#: EP031

DOCUMENT DESCRIPTION: IHF Membership Lists



IHF MEMBERSHIP INFORMATION
For LEGAL purposes

1964 - 1981

EXHIBIT

Braun 2-7/1/85

Members of Air Hygiene Foundation, as of Nov. 30, 1937

Abingdon Sanitary Manufacturing Company	Genesee Field Pat Company
Abrasive Company	Grinding Wheel Manufacturers Association
Abrasive Mining & Manufacturing Company	Glass Container Association
Abrasive Products Company	Gleadow Glass Company
Albion Steel Company	Golding Keene Company
Aluminum Company of America	Grain Pump, Inc.
American Abrasive Company	Granite City Steel Company
American Air Filter Company	A. F. Green Fire Hotel Company
American Brake Shoe and Foundry Company	Grinding Wheel Manufacturers Association
American Emery Wheel Works	Gypsum Association
American Laundry Machinery Company	The Hall Company
American Mining Company	Hamilton Emery & Corundum Company
American Potash & Chemical Company	Hampton Grinding Wheel Company
American Refractories Institute	Harrison-Walker Refractories Company
American Smelting & Refining Company	Harrisburg Steel Company
American Zinc Institute	Hera Mining Company
American Zinc Lead & Smelting Company	Hercules Mining Company
Anacosta Copper Mining Company	John W. Higman Company
American Fibre Spinning Company	The Hill & Griffith Company
Arm of Casualty and Surety Executive	Idaho Maryland Mines Corporation
Ashtabula Clay Company	Illinois Clay Products Company
Automobile Manufacturers Association	Industrial Silica Corporation
Frank Baerend Company	Institute Boiler & Radiator Mfr.
Batte Granite Association	International Nickel Company
Bartlett Collins Company	London Coal and Coke Company
C. O. Bartlett & Sons Company	John-Mamille Corporation
Bay State Abrasive Products Company	Kearney & Mathison Company
Bird Archer Company	Keystone Emery Mills
Bird & Son	Kimble Glass Company
Black Products Company	Edwin M. Knowles China Company
Black-Knox Company	Laclede Charity Clay Products Company
Bridgport Safety Emery Wheel Company	Home Laughlin China Company
Broadway Glass Company, Inc.	Lava Crucible Company of Pittsburgh
Buck Glass Company	E. J. Levine & Company
Buckeye Products Company	Lead Industries Association
Bunker Hill & Sullivan Mining & Concentrating Company	Libbey-Mcner-Ford Glass Company
The Carlsbad Mining Company	Los Angeles Chamber of Commerce
Central Pa. Coal Producers Association	Macdon Company
Central Silica Company	Magma Copper Company
Chicago Wheel & Manufacturing Company	Mathieson Alkali Works, Inc.
Chicago Hydrocarbon Company	Mayer China Company
Consolidated Fieldpat Corporation	J. S. McCormick Company
Copperfield Steel Company	Metals Refining Company
Corbair Refractories Company	Mexico Refractories Company
Coring Glass Works	Michigan Alkali Company
Cottland Grinding Wheels Corporation	Mid-West Abrasive Company
Crocker Creek Sand Company	Mine Safety Appliances Company
Deere Fire Clay Company	Monroville Glass Company
A. F. DeRamus & Son, Inc.	Monsanto Chemical Company
Detroit Star Grinding Wheel Company	Mutual Chemical Company
Diamond Alkali Company	National Cracked Stone Association
D. F. Frankenfeld Company	National Fieldpat Association
Dryden Corporation	National Grinding Wheel Company
E. J. duPont de Nemours & Company	National Industrial Sand Association
Easton Picher Lead Company	National Lead Company
Easton Gasoline Corporation	New Castle Refractories Company
Europa Flint & Spar Company	North American Refractory Company
Exxon Company	North Carolina Fieldpat Corporation
Fieldpat Milling Company	Notion Company
Fieldpat Clay Products Company	R. Hermann Company
Firth Sterling Steel Company	Illiana Silica Company
Flintkote Company	Oregon-Milburn Glass Company
Foundry Supply Manufacturers Association	Pennsylvania Grinding Wheel Company
Fonte Mineral Company	Penn-Riffman Company
Gair Corporation	Pennsylvania Glass Sand Corporation
General Abrasive Company	Charles E. Pettibone
General American Transportation Company	Phelps Dodge Corporation
General Grinding Wheel Corporation	Pittsburgh Clay Pot Co.
General Refractories Company	Pittsburgh Coal Company
	Pittsburgh Plate Glass Company

Proc. Special Meeting, Nov 30, 1937

Pittsburgh, Silica Sand Company
 Portsmouth, Refractories Company
 Precision Grinding Wheel Co., Inc.
 Quincy, Company
 Raybestos-Manhattan Company
 Reade Mining Company
 R. H. Robertson Company
 Safety Grinding Wheel & Machine Co.
 Claude E. Schmeltz Company
 Seaboard Feldspar Company
 Seaboard Pottery Company
 Stantec Furnace Company
 Stinson-Wooden White Company
 Similes Engineering Company
 Smith Packing & Supply Company
 Soling Process Company
 Southern Ferro Alloys Company
 St. Joseph Lead Company
 Standard Abrasive Wheel Company
 Standard Sanitary Manufacturing Co.
 Sterling Grinding Wheel Company
 Frederick H. Stevens, Inc.
 Ricketts Fire Brick Company
 Superior Flake Graphite Company
 The Taylor, Smith & Taylor Company
 Chase Taylor Sons Company
 Titan Abrasives Company
 Tremont Potteries, Inc.

Tri State Zinc & Lead Ore Producers Association
 Union Carbide Company
 United Foldair Corporation
 United States Graphite Company
 United States Pottery Association
 United States Smelting, Refining & Mining Co.
 United States Steel Corporation
 Universal Sanitary Manufacturing Company
 Valley Mould & Iron Company
 Vitreous China Plumbing Fixtures Association
 Vitrified Wheel Company
 Waltham Grinding Wheel Company
 Washington Mills Emery Manufacturing Company
 Weston Silica Company
 West-Melahn Company
 West Company
 Western Electric Company
 Westfield Grinding Wheel Company
 Westinghouse Air Brake Company
 Westinghouse Electric & Manufacturing Company
 Whitehead Brothers Company
 Wilson Products, Inc.
 Wisconsin Abrasive Company
 Wolf's New Process Abrasive Wheel, Inc.
 E. J. Woodson Company
 Worth Steel Company
 Youngstown Sheet & Tube Company

1942

New Members

During 1942, 11 more companies and associations affiliated with Industrial Hygiene Foundation in the organization's efforts to promote healthful working conditions, namely:

General Motors Corporation	Koppers Company
Flintkote Company	General Refractories Company
Owens-Corning Fiberglas Corp.	Domore Chair Company
Employers Mutual Liability Insurance Co.	Strathmore Paper Company
Dresser Manufacturing Company	Davison Chemical Company
Pacific Coast Association Pulp and Paper Manufacturers	

There are now 246 company and association members in the Foundation. These organizations, practically all of them directly engaged in war production, employ between 2 and 3 million war workers.

Plant Hygiene Surveys

The introduction of unfamiliar and new chemicals in manufacturing processes, some with little known toxic effects, is demanding even greater attention to plant hygiene measures. Meanwhile the dermatoses continue to be the most common of all occupational diseases.

The Foundation has conducted more plant hygiene surveys than in any previous year. These investigations, supervised by Frank R. Holden, check on the possible existence of health hazards in the workplaces. If hazards are detected, effectual measures are devised for their correction. Besides fostering healthful working conditions, the Foundation's plant surveys are proving to be an increasing factor in advancing harmonious labor relations, helping to eliminate working conditions which are often source of discontent, such as nuisance dusts and fumes.

The Foundation collaborates actively with governmental agencies, both state and federal, which are interested in industrial health. One evidence of this cooperation is the subscription classification started early in the year whereby governmental agencies can secure all Foundation publications at less than cost. Since this arrangement was initiated 12 months ago, 4 federal agencies including Army and Navy, 22 states, and 5 cities have subscribed for Foundation literature. Meanwhile, 3 universities and 4 private specialists have also availed themselves of this material.

Research

The Foundation has continued to support medical and engineering research in industrial health with grants to The Saranac Laboratory, University of Pennsylvania and Harvard School of Public Health. Findings from these studies have been published. Then, too, an important study in toxicology is under way for a member company at Mellon Institute.

Publications

Two medical and two engineering bulletins have been issued to members during the year. These publications, giving the results of research are as follows:

1. Comparison of Stereoscopic Miniature Chest Films, Single Roentgenograms on Paper, and Single Roentgenograms on Large Films.

Proc. 74th Ann. Meeting, Nov. 10-11-1942

Transactions, Bull # 8,
11 1/2 Ann. Meeting, Nov. 7, 1946.

1946

MEMBERS OF INDUSTRIAL HYGIENE FOUNDATION

— A —

Abingdon Potteries, Inc.
Abrasive Division, U. S. Rubber Company
Abrasive Grain Association
Abrasive Products Company
Allegheny Ludlum Steel Corporation
Allegheny Pittsburgh Coal Company
Allis-Chalmers Manufacturing Company
Aluminum Company of America
Amalgamated Anthracite Collieries, Ltd.
American Abrasive Company
American Air Filter Company, Inc.
American Brake Shoe Company
American Can Company
American Cyanamid Company
American Emery Wheel Works
American Foundry Equipment Company
American Iron & Steel Institute
American Mining Congress
American Optical Company
American Radiator & Standard
Sanitary Corporation
American Refractories Institute
American Smelting & Refining Company
American Zinc Institute
American Zinc, Lead & Smelting Company
Anaconda Copper Mining Company
Anthracite Institute
Arrow Mutual Liability Insurance Company
Assoc. of Casualty & Surety Executives
Austin Motor Co., Ltd.
Automobile Manufacturers Association

— B —

Ball Brothers Company
Bartlett-Collins Company
Bay State Abrasive Products Company
Bethlehem Steel Company, Inc.
Bird & Son, Inc.
Bituminous Casualty Corporation
Bridgeport Safety Emery Wheel Company
Brush Beryllium Company
Bunker Hill & Sullivan Mining &
Concentrating Company

— C —

Canadian General Rubber Company, Ltd.
The Carborundum Company
Caterpillar Tractor Company
Central Silica Company
Chicago Wheel & Manufacturing Company
Robert F. Coleman, Inc.
The Colorado Mining Association
Consolidated Mining & Smelting Company
of Canada, Ltd.
Cooper-Bessemer Corporation
Corhart Refractories Company
Corning Glass Works
Cortland Grinding Wheels Corporation

— D —

Davison Chemical Corporation
Deckers Creek Sand Company
A. P. DeSanno & Son, Inc.
Detroit-Star Grinding Wheel Company
Diakel Corporation
Diamond Alkali Company
Dow Chemical Company
B. F. Drakenfeld Company
Dravo Corporation

— E —

Eagle-Picher Company
Eastern Gas and Fuel Associates
Ebasco Services, Inc.
Electro Refractories & Alloys Corporation
Eijer Company
Ethyl Corporation
Eureka Flint & Spar Company, Inc.
Exelon Company

— F —

The Falk Corporation
Firth Sterling Steel Company
H. E. Fletcher Company
Foote Mineral Company
Ford Motor Company
Foundry Supply Manufacturers Assoc.
Frazier-Simplex, Inc.
Fuller Merriam Company
The Funkhouser Company

MEMBERS OF INDUSTRIAL HYGIENE FOUNDATION

— G —

Garco Products, Inc.
Gardner Machine Company
General Abrasive Company, Inc.
General Aniline & Film Corporation
General Grinding Wheels Corporation
General Motors Corporation
General Refractories Company
Glenshaw Glass Company, Inc.
A. P. Green Fire Brick Company
Grinding Wheel Manufacturers Assoc.

— H —

The Hall China Company
Hamilton Emery & Corundum Company
Hampden Grinding Wheel Company
Hawley Products Company
Hazel-Atlas Glass Company
Hercules Powder Company
John W. Harman Company
Mauricio Hochschild S. A. M. I.
O. Hommel Company

— I —

Imperial Chemical Industries, Ltd.
Industrial Silica Corporation
Inland Steel Company
Interchemical Corporation
International Business Machines Corp.
International Nickel Company, Inc.

— J —

Jackson Mills Emery Company
Jamison Coal & Coke Company
Johns-Manville Corporation
Jones & Laughlin Steel Corporation

— K —

Keasbey and Mattison Company
Kennebec Copper Corporation
Keystone Emery Mills
Kimble Glass Company
The Kirk & Plem Manufacturing Company
The Edwin M. Knowles China Company
Koppers Company

— L —

Homier Laughlin China Company
Lava Crucible Company of Pittsburgh
E. J. Lavino & Company
Lead Industries Association

— M —

Mackintosh-Hemphill Company
Macklin Company
Magma Copper Company
Maryland Self-Insurers' Association
Mayer China Company
J. S. McCormick Company
Metropolitan Life Insurance Company
Mexico Refractories Company
Mid-West Abrasive Company
Mine Safety Appliances Company
Monsanto Chemical Company
Mutual Chemical Company of America

— N —

National Association For Manufacturers
National Association of Mutual Casualty Companies*
National Crushed Stone Association, Inc.
National Grinding Wheel Company
National Industrial Sand Association
National Lead Company
National Sand & Gravel Association
National Slag Association
National Steel Company
National Supply Company
The Neville Company
New Jersey Zinc Company
North American Refractories Company
Norton Company
Norton Pike Company

— O —

Ontario Mining Association
Oriental Abrasive Company
Ottawa Silica Company
Owens-Corning Fiberglas Corporation
Owens-Illinois Glass Company

* Multiple Membership

MEMBERS OF INDUSTRIAL HYGIENE FOUNDATION

— P —

Peninsular Grinding Wheel Company
Penn-Rillton Company
Pennsylvania Glass Sand Corporation
Phelps Dodge Corporation
Pittsburgh Coal Company
Pittsburgh Plate Glass Company
Polaroid Corporation
Portland Cement Association
Posture Research Corporation
Powers X-Ray Products, Inc.
Precision Grinding Wheel Company, Inc.
The Pullman Company
Pyrene Manufacturing Company

— R —

Raybestos-Manhattan, Inc.
Republic Steel Corporation
Rialto Mining Corporation
H. H. Robertson Company
Robertson Manufacturing Company

— S —

Safety First Supply Company
Safety Grinding Wheel & Machine Co.
Sand Products Corporation
Claude B. Schneible Company
Shenango Furnace Company
Simonds Abrasive Company
Simonds Worden White Company
South West Box Company
St. Joseph Lead Company
Standard Lime & Stone Company
The Standard Ultramarine Company
Sterling China Company
Sterling Grinding Wheel Company
Sun Sand Company

— T —

Tata Sons, Ltd.
Taylor, Smith & Taylor Company
Tennessee Copper Company
Texas Gulf Sulphur Company

— T —

Titan Abrasives Company
Toledo Edison Company
Trenton Potteries Company
Tri-State Zinc & Lead Ore Producers Association

— U —

Union Asbestos & Rubber Company
Union Carbide & Carbon Corporation
United States Potters Association
United States Smelting Refining & Mining Company
United States Steel Corporation of Del.
Universal Sanitary Manufacturing Co.
Utilities Research Commission*

— V —

Valley Mould & Iron Corporation
Van Cleef Bros.
Vanadium Corporation of America
Vesuvius Crucible Company
Vitreous China Plumbing Fixtures Association
Vitrified Wheel Company

— W —

Waltham Grinding Wheel Company
Washington Mills Abrasive Company
Wedron Silica Company
West Virginia Manufacturers' Association
Western Precipitation Corporation
Westfield Grinding Wheel Company
Westinghouse Air Brake Company
Westinghouse Electric Corporation
Whitehead Brothers Company
Willson Products, Inc.
Winthrop Chemical Company, Inc.
Wisconsin Abrasive Company
Wolf's New Process Abrasive Wheel, Inc.

— Y —

Youngstown Sheet & Tube Company

* Multiple Membership

Trans. Bull. No. 26. 1953

istic, but because the relationship of industrial health with all the other health fields is becoming increasingly evident. It is directly allied with public health in that a workman must be kept healthy 24 hours a day if he is to do an efficient job for 8 of those hours. Therefore, progressive managements concern themselves with the physical and mental well-being of the worker, his family, his whole community. Physical examinations of employees catch nonoccupational diseases in their incipient stages while there is still time to effect a cure. Physical defects are also uncovered and make it possible to place the man on a job commensurate with his physical condition, thereby prolonging his economically productive years. Health education in the plant is reflected in improved living standards outside its walls. Everybody benefits, including the employer.

Essential Part of Management Program

In certain companies, in-plant health programs have reduced absenteeism by more than 29%, labor turnover by almost the same, and have cut occupational diseases in half. Considered in this light it is obvious that a good industrial health program is an essential part of any management program in industry. I don't need to spell out to you the disrupting and costly effect that absenteeism alone has on production. The savings through reduction in absenteeism can easily offset the cost of a health program.

To achieve the best possible working and living conditions for their employees, many industries have turned to Industrial Hygiene Foundation for guidance. Although we have shown a continuing growth over the last 12 years, I am happy to say that 1953 has been one of our most satisfactory, as evidenced by:

Twelve New members → 1953

Can Manufacturers Institute, Inc.
Continental Can Company
Sugar Beet Products Company
McLean Manufacturing Company
Kennecott Copper Corporation
Doehler-Jarvis Division, National Lead Company
Rem-Cru Titanium, Inc.
Owens-Corning Fiberglass Corporation
McLain Fire Brick Company
Johnson and Johnson
→ Ruberoid Company
St. Regis Paper Company

1154 AMM. 14PT

MEMBERS OF INDUSTRIAL HYGIENE FOUNDATION

—A—

Abingdon Potteries, Inc.
 Abrasive Grain Association
 Abrasive Products Company
 Acme Abrasive Company
 Aerovent Fan Company, Inc.
 Allegheny Ludlum Steel Corporation
 Allegheny Pittsburgh Coal Company
 Allied Chemical Corporation
 Allis-Chalmers Manufacturing Company
 Aluminum Company of America
 American Abrasive Company
 American Air Filter Company, Inc.
 American Brake Shoe Company
 American Can Company
 American Emery Wheel Works
 American Iron and Steel Institute
 American Metal Climax, Inc.
 American Mining Congress
 American Optical Company
 American Smelting & Refining Company
 American Zinc Institute, Inc.
 American Zinc, Lead & Smelting Company
 Anaconda Company
 Asbestos Corporation Limited
 Assn. of American Railroads
 Assn. of American Soap & Glycerine
 Producers, Inc.
 Assn. Argentina de Empresarios Mineros
 Assn. of Casualty & Surety Companies*
 Atchafalaya, Topeka and Santa Fe
 Railway System
 Automobile Manufacturers Association

—B—

Ball Brothers Company
 Bartlett-Collins Company
 Baugh and Sons Company
 Bay State Abrasive Products Company
 Beryllium Corporation
 Bethlehem Steel Company, Inc.
 Bird & Son, Inc.
 Bituminous Casualty Corporation
 Boeing Airplane Company
 Brush Beryllium Company
 George H. Bullard Company
 Bunker Hill Company

—C—

Can Manufacturers Institute, Inc.
 Carborundum Company
 Catalytic Combustion Corporation
 Celanese Corporation of America
 Central Silica Company
 Chicago Wheel & Manufacturing Company
 Cincinnati Milling Products
 Cleveland Graphite Bronze Company
 Robert F. Coleman, Inc.
 Colonial Abrasive Products Company
 Commonwealth Sanitation Company
 Companhia Siderurgica Nacional
 Consolidation Coal Company, Inc.
 Continental Can Company, Inc.
 Copperweld Steel Company
 Corn Products Company
 Cortland Grinding Wheels Corporation

—D—

Deckers Creek Sand Company
 Deere & Company
 A. P. de Sanno & Son, Inc.
 Diamond Alkali Company
 Dow Chemical Company
 B. F. Drakenfeld & Company, Inc.
 Dravo Corporation

—E—

Eagle-Picher Company
 Ebasco Services, Inc.
 Electric Storage Battery Company
 Electro Refractories & Abrasives Corporation
 Eljer Company
 Equitable Life Assurance Society of the U.S.
 Esso Research and Engineering Company
 Ethyl Corporation
 Exolon Company

—F—

Falk Corporation
 Farrell-Cheek Steel Company
 Ferro Corporation
 Foote Mineral Company
 Ford Motor Company
 Fostoria Glass Company
 Foundry Facings Manufacturers Association
 Fuller Merriam Company

* Multiple Membership (147 member companies)

MEMBERS (continued)

—G—

Gardner Machine Company
Geigy-Werke Schweizerhalle A.G.
General Abrasive Company, Inc.
General Ceramics Corporation
General Electric Company
General Grinding Wheel Corporation
General Mills, Inc.
General Motors Corporation
General Refractories Company
Georgia Kaolin Company
Glenshaw Glass Company, Inc.
W. H. Grace & Company
Grinding Wheel Institute
Gulf Oil Corporation

—H—

Hall China Company
Hamilton Emery & Corundum Company
Hampden Grinding Wheel Company
Hazleton Laboratories
Hercules Powder Company
Homestake Mining Company

—I—

Ingersoll-Humphries
Inland Steel Company
International Business Machines Corp.
International Nickel Company

—J—

Johns-Manville Corporation

—K—

Keasbey & Mattison Company
Kennecott Copper Corporation
Keystone Abrasive Wheel Company
Kirk & Blum Manufacturing Company
Koppers Company, Inc.

—L—

Homer Laughlin China Company
Lava Crucible-Refractories Company
L. J. Lavino and Company
Lead Industries Association
London Transport Executive

—M—

Macklin Company
Manhattan Rubber
Maryland Self-Insurers' Association
J. S. McCormick Company
Mexico Refractories
Mid-West Abrasive Company
Mine Safety Appliances Company
Minneapolis-Honeywell Regulator Company
Minnesota Mining & Manufacturing Company
Jesse S. Morie & Son, Inc.

—N—

National Assn. of Mutual Casualty Cos. *
National Crushed Stone Association, Inc.
National Glass Sand Corporation
National Grinding Wheel Company, Inc.
National Industrial Sand Association
National Lead Company
National Sand & Gravel Association, Inc.
National Slag Association
National Steel Corporation
Neville Chemical Company
New Jersey Pulverizing Company

—O—

Ottawa Silica Company
Owens-Corning Fiberglas Corporation
Owens-Illinois Glass Company

—P—

Pacific Grinding Wheel Manufacturing Co.
C. H. Packwood Manufacturing Company
Pangborn Corporation
Peninsular Grinding Wheel
Penn-Rillton Company
Pennsylvania Glass Sand Corporation
Pennsylvania Manufacturers' Association
Casualty Insurance Company
Phelps Dodge Corporation
Philadelphia Quartz Company
Phillips Petroleum Company
Pittsburgh Coke & Chemical Company
Pittsburgh Plate Glass Company
Pittsburgh Steel Company
Portland Cement Association
Pullman Incorporated Foundation

* Multiple Membership (24 member companies)

MEMBERS (continued)

—R—

Reaction Motors
Red Hill Grinding Wheel Corporation
Republic Steel Corporation
Research-Cottrell, Inc.
H. H. Robertson Company
Robertson Manufacturing Company
Rome Cable Corporation

—S—

Safety First Supply Company
St. Joseph Lead Company
Sandia Corporation
Sauerstein Cement Company
Claude B. Schneible Company
Scott Aviation Corporation
Sharon Steel Corporation
Sheffield Steel
Shenango Furnace Company
Simonds Abrasive Company
Simonds Worden White Company
Socony Mobil Oil Company, Inc.
Standard Lime and Cement Company
Standard Oil Company of California
Standard Ultramarine and Color Company
Sterling Grinding Wheel Company
Sugar Beet Products Company

—T—

Tata Industries Limited
Taylor, Smith & Taylor Company
Tennessee Copper Company
Texas Gulf Sulphur Company
Titan Abrasives Company
Trenton Potteries Company
Trilon, Inc.
Tusco Corporation

—U—

Union Carbide Corporation
United States Pottery Association
United States Rubber Company
United States Steel Corporation
Universal-Rundle Corporation

—V—

Valley Mould & Iron Corporation
Vesuvius Crucible Company
Vitrified Wheel Company

—W—

Waltham Grinding Wheel Company
Washington Mills Abrasive Company
Wedron Silica Company
Western Maryland Railway Company
Westfield Grinding Wheel Company
Westinghouse Air Brake Company
Westinghouse Electric Corporation
Wheelabrator Corporation
Whitehead Brothers Company
Willson Products
Wyckoff Steel Company

—Y—

Youngstown Sheet and Tube Company

1937	*Abrasive Grain Association	1937	*Grinding Wheel Institute
1936	Allegheny Ludlum Industries, Inc.	1950	Gulf Oil Corporation
1936	Allied Chemical Corporation	1936	Hall China Company
1936	Aluminum Company of America	1972	Heinz U.S.A. (Div. of H. J. Heinz Co.)
1969	Aluminum Company of Canada, Ltd.	1973	Howell Industrial Clinic
1947	American Can Company	1937	Huntington Alloys, Inc.
1971	American Foundrymen's Society	1975	Industrial Gasket & Shim Co., Inc.
1938	*American Insurance Association	1973	Ingersoll-Rand Company
1944	American Iron and Steel Institute	1947	Inland Steel Company
1957	American Metal Climax, Inc.	1947	IBM Corporation
1937	American Mining Congress	1970	International Lead Zinc Research Org.
1945	*American Mutual Insurance Alliance	1974	International Technical Information Inst.
1944	American Optical Corporation	1936	Jonna-Manville Corporation
1947	American Petroleum Institute	1939	Jones & Laughlin Steel Corporation
1936	ASARCO Incorporated	1955	Kawewski Berylico Industries, Inc.
1969	American Textile Mfrs. Institute, Inc.	1974	Kopp Glass, Inc.
1966	ARCO/Polymers, Inc.	1942	Koppers Company, Inc.
1970	Argonaut Insurance Company	1970	Laclede Steel Company
1974	BASF Wyandotte Corporation	1968	Hummer Laughlin China Company
1970	The Bahnsen Company	1974	Lenox Crystal, Inc.
1944	Brush Wellman, Inc.	1937	J. S. McCormick Company
1955	CPC International, Inc.	1966	Marrona Mining Company
1951	Can Manufacturers Institute, Inc.	1970	Marion Health & Safety, Inc.
1952	Celanese Corporation	1937	*Metropolitan Life Insurance Company
1971	*Cemented Carbide Producers Assn.	1965	Miles Laboratories, Inc.
1968	Certain-Tied St. Gobain Insulation Corp.	1974	Milliken Brick Company
1974	Chrysler Corporation	1936	Mine Safety Appliances Company
1958	Ciba-Geigy AG	1974	Mobay Chemical Company
1974	Cult Industries Inc.	1975	Monongahela Iron & Metal Company, Inc.
1972	Columbia Gas System Service Corporation	1936	Motor Vehicle Mfrs. Assn. of U.S., Inc.
1975	Commercial Shearling, Inc.	1937	NL Industries, Inc.
1958	Companhia Siderurgica Nacional	1974	National Annealing Box Company
1971	Consolidated Edison Co. of New York, Inc.	1973	National Forge Company
1972	Consolidated Natural Gas Service Company	1972	Organization Resources Counselors, Inc.
1975	Consolidation Coal Company, Inc.	1953	Owens-Corning Fiberglas Corporation
1975	D'Appolonia Consulting Engineers, Inc.	1936	Owens-Illinois, Inc.
1974	DeSoto, Inc.	1937	PPC Industries, Inc.
1952	Diamond Shamrock Corporation	1937	Pennsylvania Glass Sand Corporation
1973	Dow Chemical U.S.A.	1972	Peoples Natural Gas Company
1937	Drakenfeld Division, Hercules, Inc.	1975	Pittsburgh & Lake Erie Railroad
1937	Dravo Corporation	1970	Pneumafil Corporation
1936	E. I. du Pont de Nemours & Company	1938	Portland Cement Association
1966	Eastman Kodak Company	1970	Potters Industries, Inc.
1971	Minerals & Chemicals Division, Engelhard Minerals & Chemicals Corp.	1973	Pulman-Standard
1975	Epix Metals Corporation	1968	Raybestos-Manhattan, Inc.
1956	Equitable Life Assurance Society of U.S.	1937	H. H. Robertson Company
1964	Faxon Corporation	1972	Safety First Industries, Inc.
1973	Falcon Foundry Company	1973	The Sager Glove Corporation
1974	Fostoria Glass Company	1937	St. Joe Minerals Corporation
1936	Foundry Supply Manufacturers Group	1956	Sauers-Cement Company
1970	General Cigar Company, Inc.	1956	Seattle Services Division, The Boeing Co.
1947	General Electric Company	1971	Selenium-Tellurium Development Assn., Inc.
1951	General Mills, Inc.	1974	Sharon Steel Corporation
1942	General Motors Corporation	1972	Shell Oil Company
1974	General Refractories Company	1974	Shenong Incorporated
1954	Georgia Kaolin Company	1956	Soap and Detergent Association
		1975	The Standard Oil Company

<u>Date</u> <u>Joined</u>	<u>Company</u>
1962	Stauffer Chemical Company
1965	Sturm, Ruger & Company, Inc.
1969	Tenneco, Inc.
1966	Thermal Insulation Manufacturers Association, Inc.
1970	Travelers Insurance Companies
1972	Tri-State Engineering Company
1936	Union Carbide Corporation
1974	United States Gypsum Company
1970	U. S. Mineral Products Company
1936	U. S. Pottery Association
1936	United States Steel Corporation

<u>Date</u> <u>Joined</u>	<u>Company</u>
1960	Van Straaten Chemical Company
1938	Vesuvius Crucible Company
1975	Vulcan Mold & Iron Company
1975	Washington Mould, Machine & Foundry Company
1974	Watson-Standard Company
1937	Wedron Silica Division, Del Monte Properties Company
1962	Western Electric Company, Inc.
1937	Westinghouse Electric Corporation
1968	Arthur C. Withrow Company
1975	Young Galvanizing, Inc.

NEW MEMBERS

The Ansul Company
 Consolidation Coal Company, Inc.
 E. D'Appolonia Consulting Engineers, Inc.
 Epic Metals Corporation
 Industrial Gasket & Shim Company, Inc.
 Monongahela Iron & Metal Company, Inc.
 Pittsburgh & Lake Erie Railroad
 The Standard Oil Company
 Vulcan Iron & Mold Company
 Washington Mould, Machine & Foundry Company
 Young Galvanizing, Inc.