PRODUCTION COMES FROM PEOPLE



"...THE BETTER THE WORKING CONDITIONS, THE BETTER THE ATTITUDE OF THE INDIVIDUAL AND THEREFORE THE BETTER THE WORK"

—CHARLES F. KETTERING

This Information Circular has been issued in response to requests for a summary of current services and activities of Industrial Hygiene Foundation

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INDUSTRIAL HYGIENE FOUNDATION
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UNITED STATES NAVY

Certificate of Achievement

AWARDED TO

Industrial Hygiene Foundation of America

IN RECOGNITION OF EXCEPTIONAL ACCOMPLISHMENT IN BEHALF OF THE UNITED STATES NAVY AND OF MERITORIOUS CONTRIBUTION TO THE NATIONAL WAR EFFORT.

Ralph Bard

ASSISTANT SECRETARY OF THE NAVY

November 6 1945

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Presentation of

CERTIFICATE OF ACHIEVEMENT

FROM THE NAVY

TO

INDUSTRIAL HYGIENE

FOUNDATION

BY

CAPTAIN E. W. BROWN (MC) USN

" . . . . . May I point out that this award is unique in that it is being conferred upon an organization notable for its efforts in promoting the conservation of industrial personnel, a factor so closely geared to war production. In production we tend to think in terms of the finished implements of war without sufficient emphasis on the significance of saving manpower by the safeguarding of industrial health. The Navy brings this award this morning to an organization of outstanding excellence in this phase of the war effort.

"The primary objective of industrial hygiene is the maintenance of industrial manpower through the prevention of industrial illness and accident. Your ability as an organization to advance industrial health has been attained by the excellence of your surveys of occupational hazards, thereby improving working conditions in war plants; by studies of health conditions of women in industry—a new problem; and by your important publications, notably the Industrial Hygiene Digest—the only journal of its kind. The services to your industrial member companies not only reduced absenteeism incident to industrial illness, but increased personnel efficiency as a result of improved environmental conditions. This reflects distinct credit on your technical staff. In recognition of your war service and in token of appreciation of the Navy, it is my privilege to present to the Industrial Hygiene Foundation of America this Certificate of Achievement. This is the Navy's wholehearted way of saying 'Well done!' "

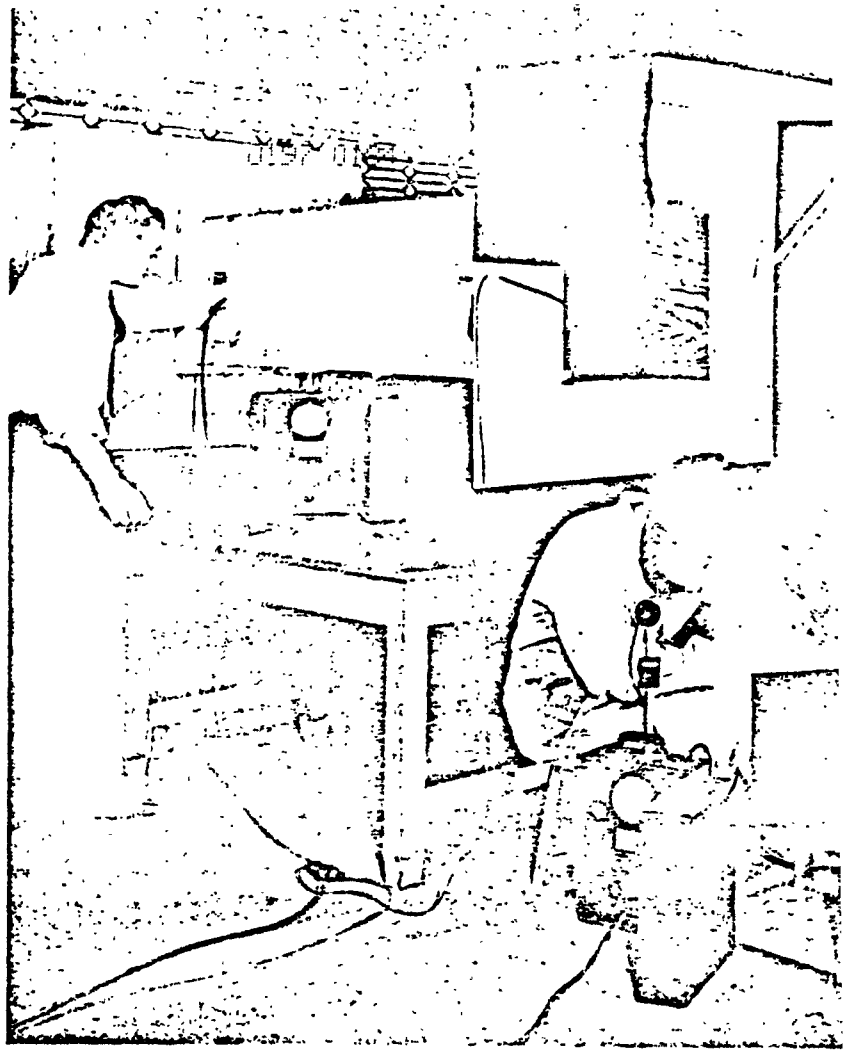
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HOW THE FOUNDATION AIDS INDUSTRY AND HOW THE FOUNDATION FUNCTIONS

The Foundation conducts and supports research in medicine, engineering, chemistry, and physics. Through plant surveys and studies of particular problems members are given specific and constructive advice for the general well-being of men and women at work and for the communities in which they live.



Plant researches are conducted at individual locations or collectively for a single industry to appraise and eliminate health hazards, to combat air pollution problems, to improve ventilation and air hygiene, and to conserve manpower.

The Foundation affords a working vehicle for the active interchange of experience and data among companies through inquiries, round-table conferences, interviews, and plant visits. Problems may range from toxicity of a new substance to specifications for medical departments or plans for new factories.

Chemists and engineers from Member Companies are trained in industrial hygiene procedures.

A general meeting of Members, held annually, commands national attention for the timeliness of its programs. Members receive the complete Transactions. Informative round-table conferences are held in connection with the annual meeting.

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WHAT IS THE INDUSTRIAL HYGIENE FOUNDATION?

The Foundation is a national, non-profit association, whose members are primarily interested in the advancement of industrial health.

The Foundation believes that

better working and living conditions and
improved physical fitness and mental attitude of workers

will result in

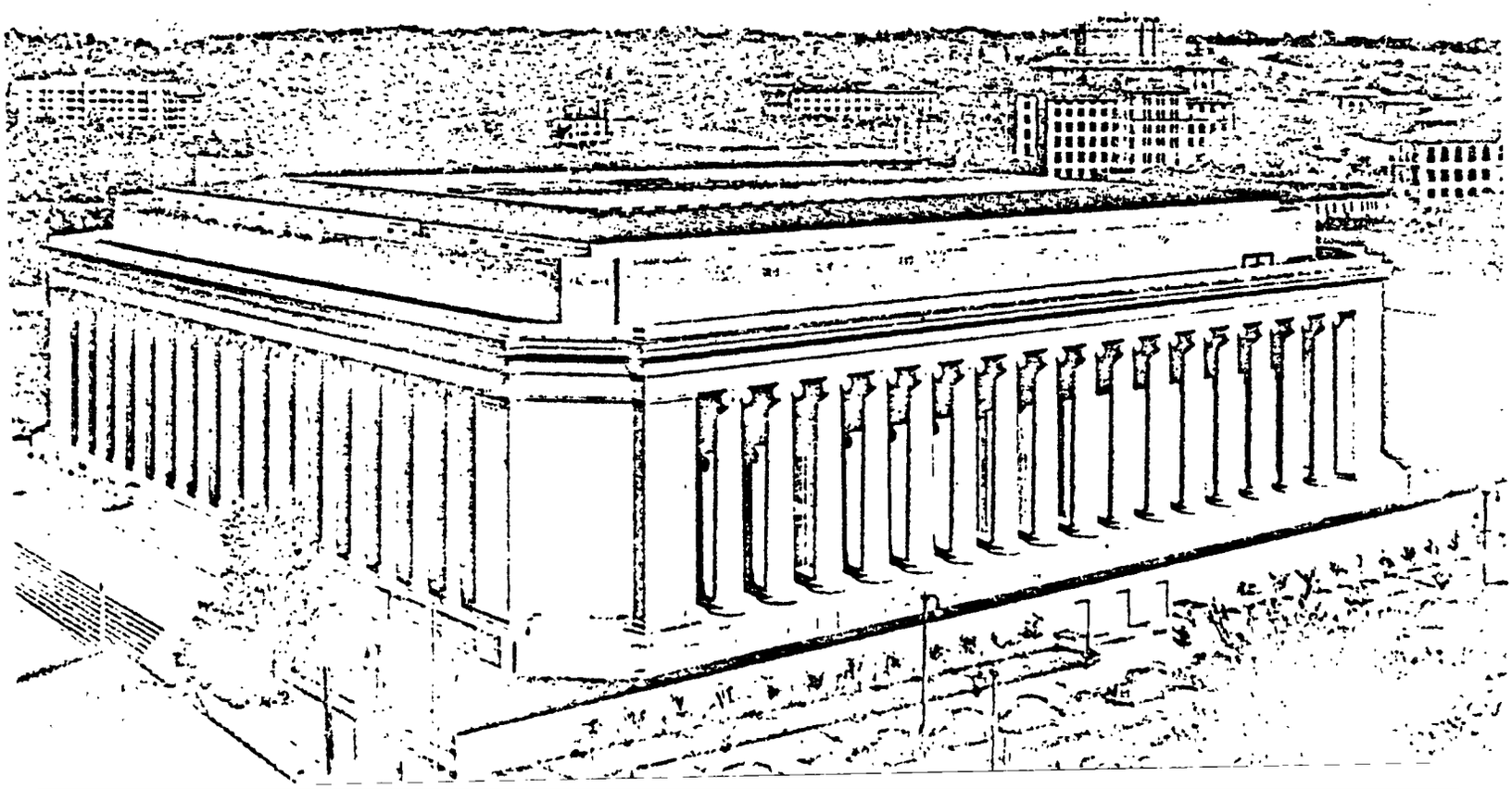
finer workmanship,
lower production costs,
development of new products under safe operating procedures, and proper labor and public relations.

The Board of Trustees of the Foundation is annually elected from the membership and includes officers of the U. S. Public Health Service and the U. S. Bureau of Mines; its medical, chemical and toxicological, engineering, and legal committees are composed of representative specialists from these professions. On the latter pages of this circular are listed the members, officers, and committees.

The headquarters of the Foundation are maintained at Mellon Institute, 4400 Fifth Avenue, Pittsburgh 13, Pennsylvania, a foremost center of scientific and technologic research.

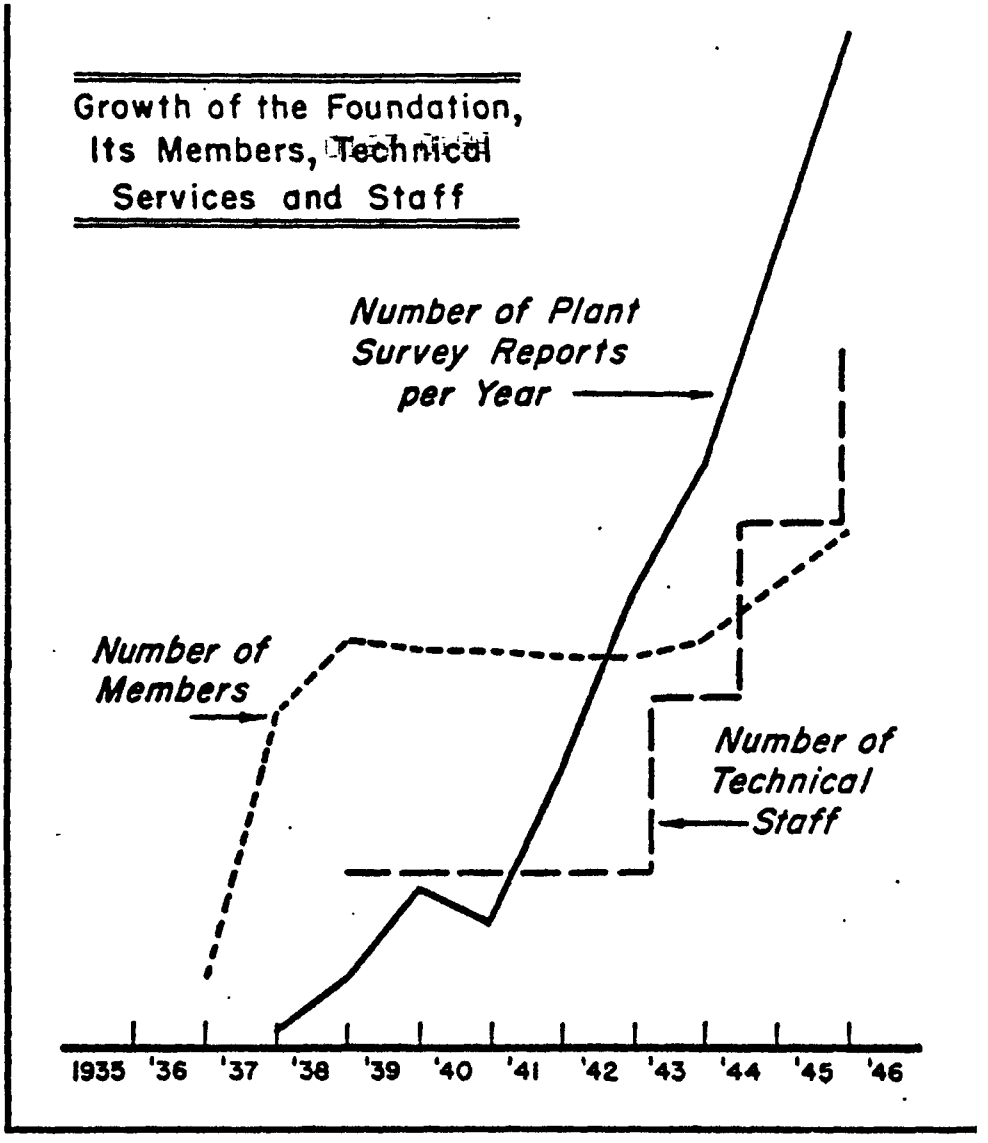
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The financial status of the Foundation is sound. Current research and operating expenses are financed through the annual dues. Surveys, studies, and special research work are conducted for members on an equitable basis.



An *Industrial Hygiene Digest,* abstracting pertinent literature, news, and legal developments, is compiled for Members each month and is nowhere else available. (It would cost a company approximately $5,000 annually to produce a similar publication.)

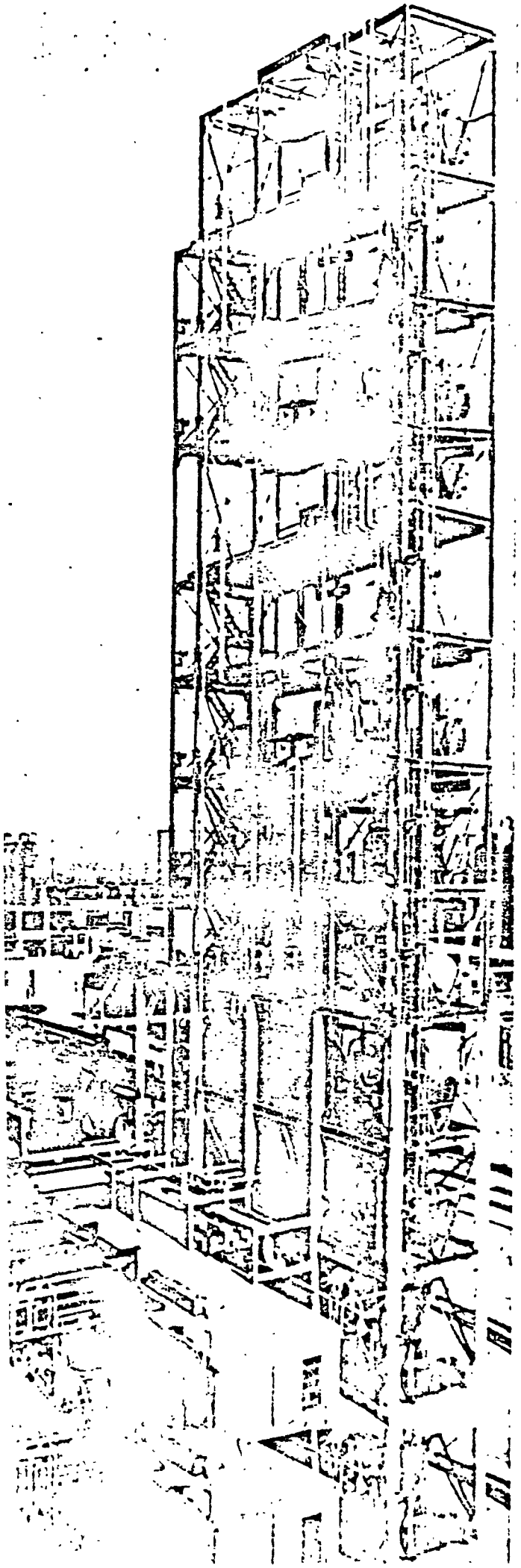
Informative bulletins, reporting results of Foundation researches and special studies, are issued periodically. They deal with such practical subjects as

"Health Problems of Women in Industry,"
"Determination of Benzol Vapor,"
"Putting the Disabled Veteran Back to Work,"
"Accurate Appraisal of Silicosis Hazards,"
"Findings from Major Studies of Fatigue,"
"More Manpower Through the Reduction of Absences," and
"Industrial Health Department Functions and Relationships"

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HOW THE FOUNDATION HELPS ITS MEMBERS

Until the conclusion of the war, it was impossible to expand the Foundation staff, although the opportunity for useful and constructive aid to industry was, and is today, almost unlimited. Recently, however, the staff has been strengthened through the appointment of Lt. Col. T. F. Hatch, a specialist in industrial hygiene, from the Sanitary Corps of the U. S. Army, and of C. Richard Walmer, M. D., who has specialized in industrial health, as full-time Medical Director.

In addition to making plant surveys for Members with a view of lessening or eliminating occupational hazards, the Foundation's staff will advise on plant design, machine arrangements, industrial ventilation, and all factors for improving physical working conditions.

For a fraction of the cost to an individual Member Company, the Foundation through a mutually supported research program can, for a particular industry, make a study and aid in developing a proper operating procedure for the entire industry. Such investigational work has recently been completed for the pottery industry through the U. S. Potters Association. A study is now being made for the National Industrial Sand Association and another for the Lead Industries Association, which is composed of lead miners, smelters, and consumers.

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THE FOUNDATION CAN HELP YOU

The Foundation files contain numerous cases, wherein improved working conditions have resulted in dollars saved in operations, for example:

Fumes escaping from a degreaser created a health hazard and aroused employee complaints. I-H-F chemists and engineers brought the dangerous exposure under control. After the elimination of the hazard, and the source of complaints, the company discovered that it has thus saved $25.00 per day in the reduced quantity of solvents needed for the operation.

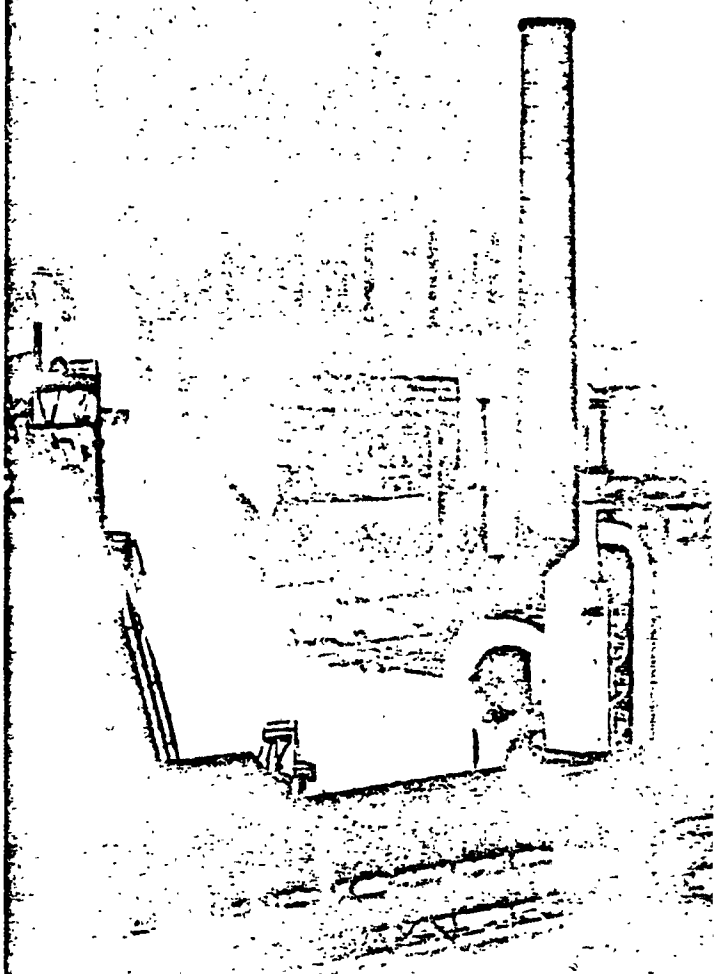
A company-wide study disclosed that dust was more of a hazard to the machines than to the men; installation of recommended ventilation improved working conditions immeasurably and cut maintenance costs on machinery about 50 per cent.

TO PRESENT MEMBERS

The Foundation is unique in that there is no other organization of its kind in the United States, and it is hoped that you will make full use of its facilities.

TO FUTURE MEMBERS

The Foundation is now in a position, through its increased staff, to help you with your problems—with your support the Foundation will continue to grow in usefulness.



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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
American Abrasive Company
American Air Filter Company, Inc.
American Brake Shoe 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
Arrow Mutual Liability Insurance Company
Assoc. of Casualty & Surety Executives*
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
Bunker Hill & Sullivan Mining & Concentrating Company

— C —

Canadian General Rubber Company, Ltd.
The Carborundum Company
Central Silica Company
Chicago Wheel & Manufacturing Company
Climax Molybdenum 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
Eljer Company
Ethyl Corporation
Eureka Flint & Spar Company, Inc.
Exolon Company

— F —

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

— 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. Higman Company
Mauricio Hochschild S. A. M. I.
O. Hommel Company

— I —

Industrial Silica Corporation
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
Kennecott Copper Corporation
Keystone Emery Mills
Kimble Glass Company
The Kirk & Blum Manufacturing Company
The Edwin M. Knowles China Company
Koppers Company

* Multiple Membership

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MEMBERS OF INDUSTRIAL HYGIENE FOUNDATION

— L —

Homer 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
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 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
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

— P —

Peninsular Grinding Wheel Company
Penn-Rillton Company
Pennsylvania Glass Sand Corporation
Phelps Dodge Corporation
Pittsburgh Consolidation Coal Company
Pittsburgh Plate Glass Company
Plaskon Division, Libby-Owens-Ford Co.
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
Scott Aviation Corporation
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

— T —

Tennessee Copper Company
Texas Gulf Sulphur Company
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

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Armed Forces

Army Medical Library
Bureau of Medicine & Surgery, Navy Dept.
Navy Yard, Boston, Mass.
Navy Yard, Bremerton, Wash.
Navy Yard, Brooklyn, N. Y.
Navy Yard, Charleston, S. C.
Navy Yard, Mare Island, Calif.
Navy Yard, Philadelphia, Pa.
Navy Yard, Portsmouth, N. H.
Navy Yard, Portsmouth, Va.
Navy Yard, San Diego, Calif.
Office of Chief of Engineers, War Dept.
Office on Industrial Relations, Navy Dept.
U. S. Naval Gun Factory

Other Federal Agencies

Department of State
Bombay — Melbourne
Johannesburg — Sydney
Wellington
Tennessee Valley Authority
U. S. Civil Service Commission
U. S. Public Health Service

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California	New Jersey
Connecticut	Ohio
Georgia	Oklahoma
Idaho	Pennsylvania
Illinois	Tennessee
Indiana	Utah
Iowa	Vermont
Kansas	Virginia
Maryland	Washington
Michigan	West Virginia
Missouri	Wisconsin

Other State Agencies

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New York Department of Labor
New York State Insurance Fund
New York State Library
Ohio Industrial Commission

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PRODUCTION COMES FROM PEOPLE

"On an average day there are about 7,000,000 persons so disabled by sickness or injury that they cannot go about their usual tasks"

—President Truman's Message to Congress,
January, 1946

"Management must consider not only what the man does with the job but more important what the job does to the man"

—Andrew Fletcher, Chairman, Board of Trustees,
Industrial Hygiene Foundation.
Executive Vice President, St. Joseph Lead Co.

INDUSTRIAL HYGIENE FOUNDATION

4400 FIFTH AVENUE PITTSBURGH 13, PA.

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