

PLAINTIFF'S EXHIBIT

IHF-497

Industrial Hygiene Foundation.

The activities and members
of Industrial Hygiene Foundation.

1954

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DEPOSITION
EXHIBIT

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The
ACTIVITIES and MEMBERS
of
INDUSTRIAL HYGIENE FOUNDATION



0239

MELLON INSTITUTE, 410 FIFTH AVENUE
PITTSBURGH 13, PA.

1954

INDUSTRIAL HYGIENE FOUNDATION

INDUSTRIAL HYGIENE FOUNDATION is a nonprofit research association of industries for advancing occupational health, improving working conditions and bettering human relations.

The Foundation's staff includes physicians, chemists, engineers, industrial hygienists and medical technicians—all specialists in health problems arising in manufacturing and mining. Through affiliation with INDUSTRIAL HYGIENE FOUNDATION, companies are entitled to the services of these specialists, plus the technical facilities of Mellon Institute, the Foundation's headquarters.

FOUNDATION ACTIVITIES

The activities of I-H-F fall into three major categories:

- (1) To give direct professional assistance to member companies in the study and solution of industrial health problems
- (2) To assist companies in the development of health and medical programs as essential parts of industrial organizations.
- (3) To contribute to the scientific advancement of industrial medicine and hygiene, through research, surveys and allied activities.

The broad scope of questions and problems that come to the Foundation for consideration is shown by the following tabulation of activities, classified under eight major headings: (1) medical, (2) chemistry, toxicology and industrial hygiene, (3) engineering, (4) air pollution, (5) noise, (6) research, (7) legal, and (8) general advancement of industrial health.

(1) Medical

- (a) General information and advice on organization and administrative practices in industrial health services, cost finding and analysis, plans for physical layouts, personnel needs and training, interdepartmental relations, systems of record keeping, directives for medical personnel and registered nurse service standards, etc.

INDUSTRIAL HYGIENE FOUNDATION
*A Research Association of Industries for
Advancing Industrial Health and
Improving Working Conditions*

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for surveys of health problems, and comprehensive company-wide medical audits to appraise existing organizations and to recommend further needs.

(c) Information on specific industrial medical problems and experience.

(2) Chemistry, Toxicology and Industrial Hygiene

(a) Industrial hygiene field studies are conducted, appraisals of time and magnitude of hazardous exposures and effectiveness of control measures. These may be on a plant basis or on an industry-wide scale.

(b) Information on toxicity of chemical and physical agents, and on hazards of particular processes; preparation of bibliography, literature searches, and securing of information from other sources, as, for example, companies having related problems.

(c) Information and advice on sampling and analytical procedures, choice and availability of equipment.

(d) Preliminary training of industrial hygiene personnel in laboratory procedures, sources of information, organization of laboratory record keeping, etc.

(e) Studies and development of new sampling and analytical methods and techniques.

(3) Engineering

(a) Information on engineering practices in control of hazardous processes, and on design procedures, data and sources of information. Advice on control requirements for specific operations.

(b) Specialized advice on new plant design, reconstruction in existing plants and changes in process to minimize or eliminate hazards.

(c) Review of plans for ventilating systems, as to design, capacity, etc. Advice on special air-cleaning problems.

(d) Advancement of engineering design practices and organization of engineering design programs; development of new data and design procedures for exhaust hoods. Assistance in field tests of new control measures.

(4) Air Pollution

(a) Advice on industrial air pollution problems - investigational procedures and criteria.

(b) Development of methods, apparatus and techniques for collecting and measuring air pollutants.

(c) Investigations of air pollution potentials of plants - measurement of stack discharges, fumes, gases and odors. Estimation of neighborhood effects.

(d) Measurement and appraisal of pollution effects within adjoining community. Ascertaining sources of communal pollution.

(e) Assistance in engineering measures for controlling excessive stack emissions. Measurement of stack dust particle size and its relation to appropriate dust collectors.

(5) Noise

(a) Information on measurement of noise - sound level, frequency, magnetic tape recordings, availability of equipment, calibration and data record charts.

(b) Comprehensive physical measurement of noise levels in industrial plants.

(c) Information on physiological response to noise - measurement of hearing impairment, permanent loss vs. fatigue aspects, treatment, susceptibility and placement.

(d) Information on control measures - accumulation of industrial practices that have proved satisfactory.

(e) Information on legal aspects - assembly of facts on laws and regulations relating to compensation for hearing loss.

(6) Research

(a) Short- and long-term ~~toxicity~~ ^{toxicity} studies on new chemicals to indicate nature of problems which may be encountered in manufacture and use.

(b) Research on nature and mechanism of action of hazardous dusts, fumes, vapors and gases, with special reference to actual conditions of plant exposure.

(c) Basic studies in physiology, toxicology and biochemistry of physical and chemical agents, their mode of entrance into the body in relation to physical and chemical state in the atmosphere, and their subsequent toxic action in the body.

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- (c) Summaries of legislative activities pertaining to occupational diseases, compensation, and other proposed legislation pertaining to industrial health; analysis of trends.
- (d) Review of new compensation laws, revisions and additions, and analysis of decisions of compensation boards that are of special significance.
- (e) Analysis of new codes pertaining to health hazards and related problems.

(8) General Advancement of Industrial Health

- (a) Meetings: (1) annual meeting of members—discussion of broad objectives, policies and trends in industrial health and human resources; (2) conferences of professional specialists from member companies; (3) medical; (4) engineering; (5) chemistry and toxicology; (6) legal; (7) special conferences on selected subjects or for discussion of common problems in particular industrial groups.
- (b) Publications: (1) transactions of annual meeting; (2) monthly *Industrial Hygiene Digest*; (3) special bulletins prepared under the sponsorship of the several advisory committees; (4) informative letters and pamphlets on subjects of current interest; (5) technical papers by staff members.
- (c) Special surveys and studies are undertaken on an industry-wide scale, as, for example, for an association or similar organization to develop fundamental information which will be of benefit to an entire industry in appraising and controlling occupational disease hazards.

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Allingham Pottery, Inc.
 All-Active Grain Association
All-Active Products Company
 Allgheny Ludlum Steel Corporation
 Allgrove Lull Slough Fuel Company
 All-Ireland Manufacturers Company
 Aluminum Company of America
 American Abrasive Company
 American Air Filter Company, Inc.
 American Brake Shoe Company
 American Can Company

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American Foundrymen's Society
American Iron & Steel Institute
American Mining Congress
American Optical Company
American Radiant & Standard Sanitary Corporation
American Smelting & Refining Company
American Wheelabrator & Equipment Corporation

American Zinc Institute

American Zinc, Lead & Smelting Company
Amesuda Copper Mining Company
Anthracite Institute
Arrow Mutual Liability Insurance Company
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Atlas Powder Company
Automobile Manufacturers Association

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Ball Brothers Company
 Bartlett-Collins Company
 Bay State Abrasive Products Company
 Bethlehem Steel Company, Inc.
 Bird & Son, Inc.
 Bituminous Casualty Corporation
 Brush Wellmann Company
 George H. Bullard Company
 Dunbar Mill & Sullivan Mining &
 Concentrating Company
 A. M. Myers Company

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Man Manufacturers Institute, Inc.
Carborundum Company
McWane Corporation of America
Central Silica Company
Chicago Wheel & Manufacturing Company

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Chromium Mining & Smelting Corp., Ltd.
Continental Milling and Grinding Machine
Co., Cincinnati Products Division
Cleveland Oil & Iron Company
Cleveland Quotation Company
Stirling Grinding Wheel Division
Global Chemicals Ltd.
Rohstoff-Combustion, Inc.
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Continental Can Company, Inc.

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Division Chemical Corporation
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 Inco Corporation

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**Eagle-Picher Company
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Electric Storage Battery Company
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Corporation
Box 9 A**

Eller Company

Stylized Text:
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Pine Bluff & Spar Company, Inc.
Evolution Company

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of Office of Industrial Relations, Navy Dept.

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New York Workmen's Compensation Board	
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Other Federal Agencies

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Social Security Administration
Centrose Valley Authority
U. S. Atomic Energy Commission
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Figure 3
1990-2000 % IN 2000

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 Department of Health & Welfare, Wellington

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 Copenhagen

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 Koninklijke Nederlandsche Heilgezond-
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 Johannesburg
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