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ANNUAL REPORT FOR 1942
of
THE INDUSTRIAL HEALTH SECTION

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PLANT SURVEYS

During the year 1942, nearly twice as many surveys were conducted as in 1941. The number of different industrial plants studied in 1942 was 58, as compared to 30 in 1941. As in 1941, firms engaged in manufacturing heavy metals comprise the major part of the studies, with ore mines second. The industries studied may be classified as follows:

Metals	62.1%
Ore mines	15.5
Coal mines	8.6
Asbestos plants	8.6
Chemicals	1.8
Quarries	1.7
Wood	1.7
	100.0%

The samples collected in the plants necessitated making 1,536 separate analyses in the laboratory. Analyses have also been made, as in the past, of materials shipped to the laboratory from plants of our Group policyholders. These tests were mostly for free and total silica. A number of materials used in our Home Office buildings has also been analyzed.

In addition to the above surveys, the plants or offices of three policyholders were visited and advice given regarding hazards or medical service.

Requests for plant surveys and information were received from Group policyholders and others in all lines of industry. To give an idea of the variety

1942

of firms which request this service, the following are some of the more important firms which we have served:

Armstrong Cork Company
Consolidated Gas Electric Light & Power Co.
Pennsylvania Greyhound Lines
American Viscose Corp.
Idaho Maryland Gold Mines Corp.
American Rolling Mill Co.
Standard Oil Co.
Union Carbide Co.
American Seating Co.
Humble Oil & Refining Co.
Tennessee, Coal, Iron & R.R. Co.
Blackwell Zinc Co.
Republic Steel Corp.
Kohler Co.
Marshall Field & Co.
Vickers, Inc.
National Enameling & Stamping Co.
Montgomery Ward Co.
Bethlehem Steel Co.
Pendelton Ship Yards
Norfolk & Western Railroad
General American Transportation Co.
Kimball Piano Co.
General Motors Corp.
Ruberoid Co.
Continental Baking Co.
Higgins Corp.
Atlas Powder Co.
N.Y. Telephone Co.
International Business Machine Corp.
Braden Copper Co.
Florida Power & Light Co.
Lewisburg Chair and Furniture Co.
Norton Company
U.S. Leather Co.
Virginia Electric & Power
Caterpillar Tractor Co.
Johns-Manville Corp.
Baker & Taylor Co.
Bell Telephone Laboratories
A.P. Green Fire Brick Co.
N.Y. Employing Printers Assoc. Inc.
General Electric Co.
Monarch Machine Tool Co.
Asbestos Textile Corp.

RESEARCH STUDIES

Due to the increased number of requests for plant surveys resulting from the speed up in production, due to industry's victory effort, more routine work has been loaded upon the laboratory. This additional work has left little time for research problems. The laboratory staff did design and construct a new type of centrifugal pump which could operate on A.C. or D.C. current of 110-220 volts.

TRAVEL CREDIT

The amount of money expended for travel in the Industrial Health Section during 1942 amounted to $4507.57. However, of this amount $4047.63 was paid to us by the Group policyholders for expenses incurred by our men in the field while conducting plant surveys. Therefore, our total expenditure for travel for the year amounted to $459.94.