

Metal Mine Accidents in the U.S.—A technical paper published by the U.S. Bureau of Mines, giving statistics of accidents during the year 1914.

Some Engineering Problems of the Panama Canal in Their Relation to Geology and Topography.—Bulletin No. 86 of the U.S. Bureau of Mines. A paper by Donald F. McDonald, who was detailed as geologist to the Panama Canal while it was under construction. The paper has been published by the Bureau of Mines as a contribution to engineering literature because it presents information that shows how geology and topography must be considered by the engineer in planning excavations and in removing loose material and solid rock in the safest and most efficient manner.

Poor's Manual of Railroads for 1916.—The 49th edition of Poor's Manual of Railroads, covering the United States, Mexico and Canada, has just been issued. This valuable reference work presents this year for the first time the margin of safety on individual bonds and stocks in the form of percentage of total net earnings remaining after interest or dividends. This information appears throughout the text in connection with the statements. It gives subscribers first-hand facts upon which to base their estimates of value.

Bond descriptions have been thoroughly revised, particularly with respect to the underlying security. In this work, the Manual has had official assistance. The descriptions contain new italicized headings, such as Interest, Trustee, Secured By, etc., so that the particular kind of information wanted may more readily be found.

All statements are revised to June 30, 1915, including those of companies that report for the calendar year. Information of importance issued prior to February 10, 1916, is also included.

CATALOGUES RECEIVED.

The Milburn Light.—A 52-page, illustrated catalogue describing the various styles of lights and other products manufactured by this company.

Tiffin Motor Trucks.—A very attractive four-page pamphlet giving the specifications of this well-known line of motor trucks. Suitably illustrated. Tiffin Wagon Company, Tiffin, Ohio.

Centrifugal Pumps.—Bulletin No. 108-A issued by the Wheeler Condenser and Engineering Co., Carteret, N.J., being a 34-page catalogue describing their single-stage, double-suction, type D.A.A., centrifugal pump for heads of 0 to 300 feet. Well illustrated.

PERSONAL.

R. C. D. TEMPEST has resigned from his post as resident engineer of the sewer section, Toronto, on account of ill health.

K. H. SMITH, B.A.Sc., recently addressed the Nova Scotia Society of Engineers on "Some Engineering Features of the Pan-Pacific International Exposition."

JOHN KEILLOR, gas engineer, Hamilton, Ont., has received the appointment of superintendent to the Vancouver Gaslight Co., Vancouver, B.C. Mr. Keillor was previously manager of the Hamilton Gaslight Co.

B. G. SLAUGHTER, late vice-president and chief engineer of the Canadian Copper Company, Copper Cliff, Ont., has resigned to accept a position as vice-president of the Tennessee Copper Company, Copperhill, Tenn.

OBITUARY.

WM. W. CHISHOLM, electrical superintendent of the Wallaceburg, Essex and Lake Shore Electric Railway, was electrified while working around a derailed car near Leamington.

CHARLES SELLERS, president of the Peerless Furnace Co., Toronto, which he founded over twenty-five years ago, died on March 20, aged 82. Mr. Sellers was a native of Glasgow, Scotland, but had resided in Toronto for over 60 years. He was superintendent of the Gurney Foundry Co. for more than 20 years.

OTTAWA BRANCH CANADIAN SOCIETY OF CIVIL ENGINEERS.

At a luncheon of the branch held recently, E. A. Dunlop, M.L.A., gave a very interesting address in which he described conditions at the front as he saw them on his recent visit to the trenches. Mr. Dunlop spoke particularly of the work of Col. Mitchell, head of the Canadian Intelligence Department. Mr. Dunlop was accorded a hearty vote of thanks for his interesting talk.

CANADIAN SOCIETY OF CIVIL ENGINEERS, MONTREAL.

An instructive illustrated lecture and practical demonstration on the subject of "Electrical Precipitation of Solids from Grease," was given by Linn Bradley, of the Research Corporation, New York, before a large gathering of the members of the Canadian Society of Civil Engineers, in the Macdonald Engineering Building.

The lecturer treated with the importance of the subject to every branch of the engineering profession as regarding mining, metallurgical, chemical and electrical industries.

CALGARY BRANCH, CANADIAN SOCIETY OF CIVIL ENGINEERS.

At a dinner of the members of the branch a very interesting talk was given by G. N. Houston, of the irrigation branch. Mr. Houston spoke on "Legislative Control of Engineering Practice." He stated that there was a growing attempt to control the practice of engineering by legislation on both sides of the line. Several engineering societies had attempted to have legislation passed which would state the qualifications required of a man before he could practise as a civil engineer. The bills had, however, been defeated. Until some definition of the term "civil engineer" was arrived at the public would not be protected from incompetent engineers.

The speaker doubted if licensing would cut out incompetence. He proposed in lieu of law that the government supervise all plans and specifications for construction, and also admit as members only men of a very high grade.

"The man to be admitted should be a member of the Canadian Society or British Society, or a society of equal standing or certificate," concluded Mr. Houston.

COMING MEETINGS.

AMERICAN WATERWORKS ASSOCIATION.—Thirty-sixth annual convention to be held in New York City, June 4th to 8th. Secretary, J. M. Diven, 47 State Street, Troy, N.Y.