

CONVENTION OF CANADIAN CHEMISTS

IN conjunction with the annual meeting of the Society of Chemical Industry held May 21st and 22nd in Ottawa, Ont., there was a convention of Canadian chemists. There were approximately 110 delegates, representing all parts of Canada and including academic, professional and industrial chemists.

There was a thorough discussion of possible organization for the improvement of the status of chemists and for the protection of the public. A popular idea was that the association should act as a registration body for all qualified chemists, and that legal recognition of chemistry as a profession should be secured from the Dominion Government. A committee was appointed to proceed with organization and to report at the next meeting. The members of this committee are:—

Prof. Parker (chairman), University of Manitoba; H. J. Roast (secretary-treasurer), Montreal; Prof. L. F. Goodwin, Kingston; Dr. A. McGill, Ottawa; Prof. McIntosh, University of British Columbia; Mr. Gregeroff, of Canadian Explosives, Limited, Montreal; Prof. Ardagh, Toronto; and Joseph Race, city bacteriologist and chemist, Ottawa.

Mr. Schorman, of Imperial Oil, Limited, and Dr. A. McGill read a paper on "Standardization of Gasoline." During the discussion following this paper, Dr. McGill announced that the Department of Inland Revenue are now preparing standards for gasoline, this action being due to the numerous complaints received. Dr. McGill claimed that all gasoline on the market would give satisfactory results if properly used, the complaints being due to imperfect knowledge on the part of the users rather than to the gasoline.

The delegates visited the mint, the fuel-testing laboratory and the other laboratories of the Mines Branch, the plant of the E. P. Eddy Co., and the new parliament buildings, where they were taken over the work by the architect, Mr. Pearson. The last-mentioned visit was made in conjunction with the members of the Royal Society.

At a dinner given on Wednesday evening, the officers of the Society of Chemical Industry for the ensuing year were elected. The new chairman of the Canadian section is Prof. W. L. Goodwin, of Queen's University, Kingston. Various phases of the chemical industry were touched upon in the after-dinner speeches. Among the speakers were T. H. Wardleworth, of the National Drug & Chemical Co., who spoke on Imperial Munitions Board chemicals; Mr. Davies, of the Standard Chemical Iron and Lumber Co., who gave an address on wood distillation products; and Mr. Hambly, of the Electro-Reduction Co., Buckingham, P.Q., who spoke on electro-chemical products.

Work on the new north arm bridge of the Fraser River, near Vancouver, B.C., has begun. A 140-ft. Howe truss span will replace the one that required repairs.

The Governor-General has signed the bill authorizing the change in name of the Canadian Society of Civil Engineers, and beginning May 27th that society officially adopted the new name, "The Engineering Institute of Canada."

St. Louis, Missouri, is having 400 miles of water mains cleaned by the National Water Main Cleaning Co., of New York City. Another United States city reports that the capacity of a mile of 10-inch water main was approximately doubled after it had been cleaned. This main had been in service seventeen months and had carried very hard water from artesian wells. The incrustation removed averaged $7\frac{1}{2}$ lbs. per foot of pipe. It is true conservation to keep water mains clean.

CANADIAN SOCIETY OF CIVIL ENGINEERS
ELECTIONS AND TRANSFERS

AT a meeting of the council of the Canadian Society of Civil Engineers held in Montreal on Tuesday, May 21st, the following elections and transfers were announced:—

ADAMSON, ERNEST KINNEAR, of Stave Falls, B.C., elected an associate member. Mr. Adamson was born at Forfar, Scotland, in 1885. He took an engineering course at Heriot-Watt College, Edinburgh, Scotland, from 1903 to 1905. From 1914 to 1917 Mr. Adamson was engaged in the design of sewers, outfalls and dam for the Vancouver and Districts Joint Sewerage and Drainage Board, and since 1917 to present date resident engineer and superintendent for Western Power Co. of Canada at Stave Falls, B.C.

ALLEN, ROBERT WILLIAM, of Regina, Sask., elected a junior member. Mr. Allen was born at Middlesborough, Eng., in 1889. Since 1908 he has been employed in the works department, Regina, in various capacities, since 1917 being assistant city engineer.

BISHOP, JOHN MURPHY, of Montreal, Que., transferred from the class of student to junior member. Mr. Bishop was born at Montreal in 1894 and received the degree of B.Sc. in mechanical engineering at McGill University in 1916. At the present time he is demonstrator in the department of mechanical engineering, McGill University.

BOTHWELL, ROBERT SCOTT CLEMENS, of Windsor, Ont., elected a junior member. Mr. Bothwell was born at Toronto in 1894, and received the degree of B.A.Sc. at the University of Toronto in 1917. From 1916 to 1917 he was associated with the department of public works, Toronto, on harbor improvement work, and later in charge of all surveys, etc. At present Mr. Bothwell is on the engineering staff of the Canadian Steel Corporation, Limited, Ojibway, Ont.

BRIDGES, FITZJAMES, of Walkerville, Ont., elected a junior member. Mr. Bridges was born at Windsor, Ont., in 1887. From 1909 to 1912 he was with the Trussed Concrete Steel Co., and is at present in the district engineer's office, public works department, Windsor, Ont.

BROWN, DONALD MACDONALD, of Edmonton, Alta., elected an associate member. Mr. Brown was born at Dundee, Scotland, in 1884 and received his education at the Morgan Academy and Technical College, Dundee. From 1906 to 1913 he was with the Grand Trunk Pacific Railway and from 1913 to 1916 with the Edmonton, Dunvegan and British Columbia Railway. Since 1916 Mr. Brown has been on active service.

CASSIDY, JOHN FRANCIS, of Toronto, Ont., elected a junior member. Mr. Cassidy was born at Toronto in 1884. For some years he was associated with the Canadian Pacific and Canadian Northern Railways. In 1913-15 he was concrete inspector and assistant to C. MacN. Steeves with the Maritime Dredging and Construction Co. on construction of new wharves at St. John, N.B., and from 1915 to date, draftsman and assistant to John Sweeney, resident engineer, Toronto harbor improvements.

COLLINS, CHARLES DURHAM, of Brantford, Ont., elected a member. Mr. Collins was born at Peterborough, Ont., in 1872. He attended McGill University and the School of Practical Science, Toronto. He also took a special two-year course in mechanical engineering. In 1909-10 Mr. Collins was associated with the late J. J. Drummond, of Montreal, at Midland, Ont., and Geo. Macdougall, Dominion Steel Co., Sydney, N.S., on construction of a blast furnace at the Midland plant of the Canada Iron