

# The Canadian Engineer

ESTABLISHED 1893.

WITH WHICH IS INCORPORATED  
THE CANADIAN MACHINE SHOP.

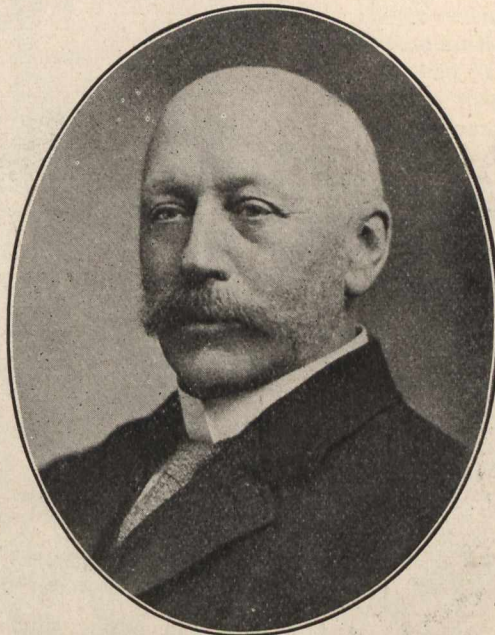
Vol. XIII.—No. 7.

TORONTO, JULY, 1906.

{ PRICE 15 CENTS  
\$1.00 PER YEAR.

We judge ourselves by what we feel capable of doing; but the world judges us by what we have already done.

*Longfellow.*



EDWARD HENRY KEATING, C.E.

M. Inst. C.E. (London); M. Am. Soc. C.E.; M. Can. Soc. C.E.; Fellow of Imperial Institute, etc.

Soon after the accession of King Edward to the throne, murmurs were heard from time to time that at the Royal garden parties and receptions, noted artists, musicians, and even actors—men whose function it is to minister to the mere sensuous pleasures of life—were prominent; but that engineers—men whose creative power and mechanical skill had built up the great industries and commerce of the Empire, and given to the people thereby, comforts and privileges which a king had not a hundred years ago—were conspicuous by their absence. This inability to recognize in true perspective the services rendered by the engineers to our modern civilization, will be specially noted by the future historian, as a remarkable sociological phenomenon of the times in which we live. As with honors, so with wealth. In all industrial countries millionaires are springing up like mushrooms; but, although it is the engineer who has designed and forged the golden keys which have unlocked the doors of nature, and unearthed her riches, it is the business men—your John D. Rockefeller's and Andrew Carnegie's, not your James Watt's and Henry Bessemer's—who are reaping the exceeding great rewards. The Wordsworthian formula of "plain living and high thinking" seems to have been specially prepared for the engineer. His consolation prize is the proud consciousness of having made two blades of grass grow where only one grew before: of having contributed to the progress and advancement of humanity.

These thoughts crowded upon us as we took up our pen to sketch briefly the career—rich in experience—of the distinguished civil engineer whose portrait appears above.

Edward H. Keating was born at Halifax, N.S., in 1844. Educated at the Free Church Academy and Dalhousie College, Halifax, and studied engineering under Geo. Whiteman, C.E., Provincial Government Engineer; also under Sir Sandford Fleming, the chief engineer of the Intercolonial Railway. Since embarking in professional engineering he has filled the following positions viz., assistant engineer Pictou Extension Railway, N.S.; chief draughtsman, Windsor and Annapolis Railway, N.S.; contractor's

engineer, European and North American Railway, N.B.; chief engineer in charge of exploration on the C.P.R. From 1872 to 1890 he was city engineer and chief engineer of the waterworks, Halifax; also resident chief engineer of the Halifax graving dock, and in 1890 became city engineer of Duluth, Minn. In 1892 he was appointed city engineer of Toronto, and the following year added to his duties that of waterworks engineer, resigning in 1898 to become general manager of the Toronto Railway Company, which position he held for seven years, resigning to undertake investigations into several projected engineering enterprises in the Dominion and in the Republic of Mexico, some of which have been taken up and are now in course of construction. He designed the waterworks for the towns of Moncton, N.B.; Windsor, N.S., and Dartmouth, N.S., besides extensive improvements in the waterworks and sewerage systems in a number of important cities. In 1903 he was appointed chairman of the Royal Commission to enquire into and report upon the construction of a graving dock for the port of Montreal. He has also been called upon as expert to advise various municipalities on questions relating to water supply and drainage, viz., Ottawa, Hamilton, Victoria, B.C., etc. In 1900 he was elected president of the Canadian Society of Civil Engineers, a signal proof of the esteem and high regard in which he was held by the competent engineers of Canada.

Just at a time when Canada is on the threshold of a great forward movement industrially, it is fortunate that she has skilled engineers of wide and varied experience like Mr. Keating to advise on her important engineering projects and enterprises. Recently he has entered into a partnership with Mr. D. J. Russell Duncan, a well-known civil and mechanical engineer; for the carrying out of a general engineering practice, with offices in the Home Life Building, Victoria Street, Toronto.

If ever an engineer was worthy of a crowning success in his business life it is Mr. Keating, and "The Canadian Engineer" wishes him and his partner every success in their new undertaking.