

ing; disciplining or dismissal from membership should be solely in the hands of the same representative, impartial and carefully constituted board that conducts the examinations for admission; and nobody should ever be admitted to membership other than graduates of recognized engineering universities, those who from time to time might pass the examinations of the national board, and those who in the opinion of the national board had been clearly practising engineering for a certain term of years prior to the passing of the Act closing the profession.

Engineers differ widely in their opinion whether a closed engineering profession is feasible or practical. Many believe that it depends a great deal upon whether a satisfactory administrative or examining board could be obtained, and upon whether examinations could be devised which would be sufficiently rigorous to bar out the undesirable applicant and at the same time sufficiently broad to reveal the practical skill and knowledge of the engineer who might be well qualified along some lines and yet deficient in certain fields of theory.

PERSONALS

Major ATHOL H. MACFARLANE, M.C., who recently received his majority, went overseas as private in the 4th C.M.R. He is a graduate of the School of Practical Science, University of Toronto.

J. B. CHALLIES, superintendent of the Dominion Water Power Branch, was in Halifax last week in conference with the Nova Scotia Water Power Commission with regard to the investigation and administration of the water powers of that province.

Major J. COLIN KEMP, M.C., who was recently appointed brigade major with the 3rd Brigade, 1st Division, has been severely wounded in the recent fighting. Major Kemp, in civil life, was a mining and civil engineer connected with the firm of R. A. Ross, Montreal.

E. L. COUSINS, chief engineer and general manager of the Toronto Harbor Commission, has returned from a trip to Vancouver, where he enquired into harbor conditions and was consulted by the city engineer, F. L. Fellowes, regarding the development of the upper basin of False Creek.

Lieut. C. F. SZAMMERS, B.A.Sc., '11, University of Toronto, who went overseas with the 2nd Canadian Pioneers, has been appointed O.C. of the Canadian Corps Tramways, Section 1, engaged in building light railways to the front line in France. Before enlisting, Lieut. Szammers was connected with the firm of Sherwood and Sherwood, Toronto.

Prof. L. A. HERDT, M.Can.Soc.C.E., E.E., Macdonald professor of electrical engineering at McGill University, recently appointed to the Montreal Tramways Commission, is also chairman of the Electrical Commission of Montreal, the representative of the provincial government on that board. Prof. Herdt was born in France in 1873, came to Canada when a boy, and was educated at the Montreal High School and McGill University, whence he graduated in the Faculty of Applied Science in the department of mechanical engineering in 1893. After a short term with the Laurie Engine Works, Dr. Herdt decided to specialize in electricity and with this in view went to study in Paris and Liege, where he graduated with first-class honors. He returned to Canada in 1900 and joined the staff of the Electrical Department of McGill as demonstrator. In 1907, he was made associate pro-

fessor and in 1909 succeeded Prof. R. B. Owens to the chair of electrical engineering. In 1905, he was appointed Officier d'Academie by the government of France and in 1907 was the Canadian delegate to the International Electric Technical Commission which met in London, Eng. He was consulting engineer for the large hydro-electric development of Winnipeg in 1910, built at Point du Bois, with a transmission line of 77 miles. He was also the consulting engineer of the Montreal Electrical Commission, and of the recent Tramways Commission which made a tour through the principal cities of the United States to study methods of operation. Dr. Herdt has done much electrical research and is the author of a number of works accepted as text books throughout the continent.

CANADIAN ASSOCIATION OF ENGINEERS

The third organization meeting of "The Canadian Association of Engineers" was held last Monday evening in the Engineers' Club, Toronto, with fifteen prospective members present. In the absence through illness of Hyman A. Goldman, chairman pro tem, the chair was taken by F. B. Goedike, secretary pro tem. A committee of five members, with G. L. Berkeley as chairman, was appointed to draft a constitution and by-laws.

It was decided to meet at the Engineers' Club on the third Monday of each month, beginning May 20th. Letters from the secretary of the American Association of Engineers were read, but it was decided to proceed with the organization and incorporation of a distinctly Canadian association which would co-operate with the American association, rather than to form a branch of the latter. A publicity committee was appointed for the purpose of securing a larger attendance, at the next meeting, of junior engineers who desire to join the organization.

The chief purpose of the organization, at present at least, appears to be a concerted action toward improving the remuneration of junior engineers and toward helping unemployed members to find positions. The suggestion by Prof. Peter Gillespie, chairman of the Toronto Branch of the Engineering Institute of Canada, that the organization of the new association be deferred, pending action along similar lines by the Institute, was not favorably considered. Five of the men who were present are members or associate members of the Engineering Institute of Canada, and they expressed the hope that the Institute would take active action along these lines but did not favor abandoning the organization of the new association, at least until the Institute had accomplished something definite along the lines which will be followed by the association.

The acting chairman stated that the need for their organization would disappear and that they would disband and all join the Institute, if they should see at any future time that the Institute in Canada is accomplishing for the junior engineers what the American Association of Engineers is accomplishing for them in the United States.

AMERICAN WATER WORKS ASSOCIATION

Arrangements have been made with the Planters' Hotel, St. Louis, for holding the convention of the American Water Works Association. The meeting room, secretary's office and exhibit room will be at this hotel. The American Annex, two blocks from the Planters, has been selected as the overflow hotel. Owing to freight conditions, there will be no heavy exhibits.