

THE CHAIRMAN OF THE BOARD.

The appointment of Mr. Wm. C. McGhie to the position of chairman of this Board of Examiners is looked upon with universal favor by those most closely interested.

Mr. McGhie was born in the county of Peel and after passing through the public schools of his county, completed his education at Brampton High School and Collegiate Institute. Some fifteen years ago he commenced the study of engineering and subsequently took a course with the International School of Correspondence, Scranton, Pa. Mr. McGhie's first position as chief engineer was with Matthews Bros., picture frame manufacturers, Toronto, with whom he remained for four years. He was then successively engaged by the Kemp Mfg. Co., the Toronto Street Railway Co., and Rolph & Clark, lithographers, Toronto, and was in his fourth year with the latter company when he received the present appointment from the provincial government.

Mr. McGhie's office is situated in the Provincial Parliament Buildings, Toronto.

AS TO APPLICATION.

Of late the chairman has been receiving very many enquiries as to how certificates are to be secured. In the regulations is contained pretty complete information on the subject. The chairman upon request will send application forms and complete information to those desiring to obtain certificates.

As stated in the Regulations, examinations will be held in Toronto, London, Kingston, Ottawa and Port Arthur.

As well as this there will be a trip arranged for one or other of the examiners which will include practically all the important centres some time during the first year; so that engineers who are examined will not be put to heavy travelling expenses. The regulations also allow some elasticity as to the examinations, so that all engineers now in charge of plants will have opportunity to prepare themselves for examination.

AS TO THE FEE FOR CERTIFICATE.

Engineers will notice that a fee of \$3 is charged for a certificate and \$2 for a renewal. They no doubt will be interested in comparing this fee with that charged in other places where engineers are licensed.

The following are fees for stationary engineers' certificates in various localities: British Columbia, 4th class, \$5.00, and an advance of \$2.50 for each higher grade; Saskatchewan, \$5.00; Alberta, \$3.00; Quebec, \$5.00; Buffalo, \$3.00, and \$2.00 for renewal; Kansas City, \$5.00, \$3.00 and \$2.50, with \$2.50 for renewal; California, \$5.00, and \$3.00 for renewal; Tennessee, \$5.00, and \$5.00 for renewal; Illinois, \$5.00, and \$2.00 for renewal; Nebraska, \$5.00; Montana, \$10.00, \$7.00 and \$2.50 for renewal; Indiana, \$3.00; Maryland, \$3.00 and \$1.50 for renewal.

It will be seen from this that the fee in Ontario is lower than in any of these places.

AS TO REVENUE AND SALARIES.

There are in the vicinity of 5,000 or 6,000 engineers in Ontario, who will require a license. At \$3.00 per license there would be a revenue to the Department of from \$15,000 to \$18,000 the first year; and from \$10,000 to \$16,000, subsequent years. Out of this the salaries of the examiners, their travelling expenses and the expenses of the department will have to come. The department

will be self sustaining. An advance has been made to carry on the work; but this will be returned when the revenue from the licenses comes in.

This brings up the question of the salaries of the examiners. This has not been settled as yet. When this question is taken up there are several things which should be considered. These positions, especially that of chairman of the Board, are most important ones. Men with good, sound, thorough, practical knowledge are required; as well they should be capable of exercising an extra amount of good common sense and judgment. There will be many cases come up for examination in which allowances for varied conditions will have to be made.

The examining cannot be always a matter of rules and regulations. Much discretion and good judgment will have to be used, in order that justice will be done all. Especially will this be the case during the first year. In addition considerable executive ability will have to be exercised by the examiners, especially by the chairman.

This all goes to show that these positions require good men, and that there should be a good salary connected with them.

It must also be considered that men accepting these positions probably give up good positions in the practical line, where they have the chance of advancement to very good positions. Positions on the Board should hold out somewhat similar attractions if the

best men for the offices are to be secured. A glance over the following list of positions in Toronto with the salaries attached will give some idea of what good men in this line are getting: Chief engineer of large power plant, \$4,000; assistant engineer of same plant, \$2,500; chief engineer of large office building power plant, \$1,500, living apartments, heat, water and light; chief engineer of steam electric plant, \$1,500; chief engineer of a manufacturing plant, \$1,500; chief engineer of waterworks, \$2,200; assistant engineer waterworks, \$1,500; chief engineer of large hotel plant, \$1,500 and board; boiler inspectors, \$1,600 and travelling expenses.

It is felt among the members of the C.A.S.E. that the minimum salary should not be less than \$1,800 for the chairman and \$1,500 for the other two members. There should be advancements until the chairman received at least \$2,000 and the other members \$1,800.

This seems very reasonable, and the salaries might with propriety start higher than this, and go much higher say to \$2,200 or even \$2,400 for the chairman and \$2,000 ultimately for the other members of the board. It is thought that this could easily be done and yet have the department self sustaining, and that at the very reasonable fee of \$3.00 for licenses and \$2.00 for renewals.

This should not be lost sight of: good men are needed, and good men can only be secured and retained at a good salary.

Twenty-First Annual Banquet of Toronto, No. 1, C.A.S.E.

Full Report of the Big Annual Function of the Toronto Branch of the Canadian Association of Stationary Engineers at the Walker House, Toronto, on Friday Evening, November 6th. Many Practical Addresses

It was a brilliant function! The members of Toronto No. 1 of the C.A.S.E. have had so many successful banquets that they have grown to expect them. This year their expectations were more than realized.

Not only were the addresses enthusiastic and instructive; the entertainment of a high order and the supper served exceptionally enticing, but such a wholesome spirit of geniality and good fellowship was shown that everyone enjoyed himself to the limit.

The chairman of the evening was Mr. Frank Stubbs, president of Toronto No. 1, while seated beside him at the head table were Controller Harrison and Aldermen McGhie and Saunderson, Dr. J. M. Harper, of Quebec; Principal R. H. Elden and Prof. W. S. Kirkland, of the Technical High School; Executive President, Chas. Kelley, Chatham, Secretary W. H. Crockett, Hamilton, and Treasurer A. M. Wickens, Toronto; W. Norris, London, and E. R. Grandbois, Chatham, and Chas. Moseley, Toronto.

The excellence of the repast may be judged by the following:

MENU.

Stuffed Celery	Sliced Tomatoes	Olives
	Oyster Soup	
Darne of Salmon,	Sauce Diplomate	
Salmi of Wild Duck	St. Hubert	

Roast Turkey Stuffed	Cranberry Sauce
Scotch Kale	Butter Beans
	Spring Lamb, Mint Sauce
Mashed Potatoes	Carrots with Peas
	Chicken Salad
	English Plum Pudding, Brandy Sauce
	Grape Fruit Cocktail
Hot Mince Pie	Assorted Cake
	Neapolitan Ice Cream
Oranges	Bananas
	Grapes
Pears	Apples
Nuts	Layer Raisins
	Cheese and Crackers
	Black Coffee

THE TOASTS.

"The King" was received with musical honors.

Chairman Stubbs's opening remarks were brief, consisting merely in proposing the toast, "Canada our Home," to which Ald. McGhie and Dr. Harper responded.

Ald. McGhie summed up a fervent oration by the declaration that only future generations would realize the magnificence of the heritage of the Canadian people.

Dr. Harper introduced himself as a son of an engineer, the inventor of the first turbine engine ever built and exhibited in public. It is, he declared, the engineer who constantly studies, who gives his heart and his brain to