

7. We beg to remind our executive that a motion stands on the book that they issue instruction and question papers. No course that we are cognizant of would be so effective in keeping our membership in close touch with each other, and we beg to emphasize this action on the executive as being of paramount importance.

After some lively discussion on the recommendations embodied in the above report, it was, on motion of Messrs. Edkins and Ironsides, adopted. The president read a telegram from the Goldie & McCulloch Co., of Galt, inviting the delegates to visit their works in the afternoon. It was decided to accept the invi-



MR. W. OELSCHLAGER, Conductor.

tation and wire the company to that effect. Mr. Oelschlager announced that the train would leave Berlin at 3 o'clock.

VISIT TO THE GOLDIE & MCCULLOCH WORKS.

In response to the invitation from the Goldie & McCulloch Co., of Galt, all the delegates visited the works of the above firm. The entire party expressed the greatest surprise at the immensity of this well-known establishment. Solidity seemed to be stamped on everything, their substantial stone buildings and offices covering more than one entire block. Mr. A. R. Goldie met the delegates and personally conducted them through the various departments. A visit to the moulding shop proved of very great interest, for here was found one of the finest foundries in the Dominion. It has an immense floor space of 90 feet by 160 feet. At one end is situated three large core ovens, and at the same end are also three very large cupolas. The ponderous ladles of molten metal are conveyed from these to their respective destinations by one large Whiting travelling crane of 40,000 lbs. capacity—this immense crane being operated entirely by compressed air. Supplementing this are six smaller hydro-pneumatic swinging cranes, three on each side of the floor. With these and other late equipments, it is not the difficult task it otherwise would be to handle the ponderous castings. The moulding shop is well lighted and ventilated.

The delegates next visited the machine shop, where was seen the very latest improved machinery in lathes, planers, etc. System and good management were apparent in every detail here, as in all the other departments of the works.

Perhaps no department proved more interesting to the engineers than the erecting room, for it is always interesting to engineers to see the assembling of the different parts of an engine. On this floor were to be seen engines in all stages of construction. Here were massive cylinders and immense frames carried here and there by powerful cranes to be united, fitted and finished, some of them to soon go out and develop 400 to 500 horse power for the work they have been purchased to perform. This was the department which most interested the engineers, and they saw why this firm have been so successful in engine building, thoroughness, system and great care being exercised in every minute particular.

The visitors were shown through the other parts of the works, such as the wood-working machinery department, flour mill machinery, safe, boiler and other shops.

Before leaving, the president, Mr. Chapman, in fitting words, tendered a very hearty vote of thanks to Mr. Goldie for his kindness in showing the delegates through the establishment and also to the firm, and three rousing cheers were given for the Goldie & McCulloch Company. Mr. Goldie, in response, expressed his

pleasure at being privileged to meet and entertain such an intelligent body of men. The delegates returned to Berlin about 8 p.m.

THIRD DAY.

The proceedings opened on Thursday morning with the presentation of the report of the Mileage Committee. On motion of Mr. Edkins, the name of Mr. Wickens was added to the list of persons to be given mileage expenses. Mr. Dixon moved, seconded by Mr. Moseley, that the report with addition be adopted. Carried.

Mr. Dixon presented the report to the Special Committee to deal with the letter from the Montreal association. While expressing regret that the association had withdrawn from the Dominion organization, the hope was expressed that ere long Montreal No. 1 would apply for representation again. The report stated that the committee had extended its power, and submitted a resolution that the Montreal association be presented with a charter of the association as a memento. This was carried unanimously by a standing vote, and, on motion by Mr. Edkins, seconded by Mr. Moseley, the report in full was adopted and ordered to be transmitted to the secretary of the Montreal association.

The question of making some changes in the bill for the licensing of engineers was left in the hands of the proper committee.

Mr. Mooring moved that a new Legislative Committee be appointed to work in conjunction with the Ontario association, and that the members thereof should reside in one city or near by each other. This was seconded by Mr. Pettigrew and carried. The president appointed as the Legislative Committee Messrs. Dixon, Edkins, Webb, Mooring and Moseley, Mr. Dixon to be chairman.

Upon motion of Mr. Moseley, this committee was given power to draw upon the funds of the executive for \$50 for preliminary legislative work, in case this amount should be required.

Upon motion of Mr. Wickens, seconded by Mr. Dixon, the incoming secretary was instructed to procure copies of the constitution and by-laws for the use of subordinate associations.

Mr. Jamieson reported that there were a great many engineers in the town of Petrolia, and he was of the opinion that an association could be organized there. He was requested to furnish the names of some of the engineers to the executive secretary.

Mr. Mooring announced that the committee had placed the value of property owned by the association at \$109.50.

ELECTION OF OFFICERS.

The next business was the election of officers, for which purpose Messrs. Steinmetz and Walker were appointed scrutineers. The result was as follows: President, R. C. Pettigrew, Hamilton;



MR. W. BEAR, Door-Keeper.

vice-president, G. C. Mooring, Toronto; secretary, A. M. Wickens, Toronto; treasurer, Chas. Moseley, Toronto; conductor, W. Oelschlager, Berlin; doorkeeper, W. Bear, Dresden. The newly elected officers were then presented by Mr. Webb and duly installed. The thanks of the association were tendered to the scrutineers.

The next place of meeting was then taken up. Mr. Oelschlager moved that the next convention be held in Toronto, which met with the unanimous approval of the convention.

The retiring president, Mr. Chapman, was presented with the usual past-president's jewel.

The acting secretary was granted \$15 for his services, and