

Chairman,—

The paper for to-night is by Mr. E. A. Wilkinson on "Stop Valves" and I am sure that Mr. Wilkinson will be able to put the matter before you in such a way that it will be very interesting.

The paper for next month will be entitled "First Aid to the Injured" by Dr. Cannon of Stratford. This is going to be an extra good night. There is no person in any walk of life who may not at some time be called on to relieve some one and a knowledge of First Aid is almost indispensable to men working in shops and manufacturing plants, where knowledge of this kind might be the means of saving someone from bleeding to death and enable them to alleviate suffering until such time as medical attendance could be secured. The Doctor has spent a great deal of his time along this line and he has prepared an elaborate paper and as he is coming from Stratford I hope that there will be a big turnout of members. I am satisfied that the paper will be well worth listening, and I am quite satisfied that the paper we are going to have to-night will be entirely acceptable to our members and we should have an interesting discussion after the paper. I will now call on Mr. Wilkinson.

"STOP VALVES"

By E. A. WILKINSON, TORONTO.

In order to make this paper interesting and instructive it will be necessary for you to co-operate with the speaker. It is possible that the speaker will learn more from the discussion than you will learn from the paper. It is my hope that it will be mutually beneficial.

The intention of this paper is to give some hints on this subject that may be of aid to anyone taking up this question with a view to deciding what valves are best suited for the different work from standpoints of efficiency and service.

The word valve is from the Latin "Valva" which means a leaf of a double door and applied to mechanics signifies an appliance so fitted to a vessel or tube as to control the passage of liquid, gas or vapor into, from or through the vessel or tube.

Probably the most ancient form is the leather flap valve used still on small pumps and with which we are all familiar.