

OTTAWA VALLEY

(CHAPTER)

ATTENDANCE:

MEMBERS	<u>10</u>
VISITORS	<u>7</u>
TOTAL	<u>26</u>

B. Stotesbury

PRES.

AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS

TOTAL NO. CHAPTER MEMBERS ON ROLL

RETAIN WHITE COPY FOR CHAPTER FILE

A CHECK LIST OF ITEMS TO BE REPORTED

1. PRESIDING OFFICER
2. CALL TO ORDER (TIME & PLACE)
3. ROLL CALL
4. APPROVAL OF MINUTES
5. REPORTS
6. ELECTION MEMBERS OFFICERS
7. OLD BUSINESS
8. NEW BUSINESS
9. SPEAKER (TITLE) (BUS.) (CITY) SUBJECT
10. DISCUSSION
11. MOTIONS
12. RESOLUTIONS
13. OTHER FEATURES
- ADJOURNMENT

The January meeting was held in the dining room of the Prescott Hotel. Due to the absence of the president the chair was occupied by the vice president Mr Geo. Ostiguy. The visitors consisted of Messers C. Sanderson, S. Smith, J. Munro, A. Lawson, V. Hossack, H. Willmets and the guest speaker Mr. R.A. van Berkum. A letter was read from our president, stating that he was sorry that he was not in attendance, but was enjoying himself at the Canadian Construction Convention at Montreal.

The chairman expressed his regrets that Ross Hamilton had taken ill and requested the secretary to send a card. Following the dinner a brief recess was held. On the call to order the previous minutes were read, and on a motion by W. Davis and seconded by E. Barber "That the minutes be adapted as read" carried. The treasurers report stated a balance of \$54.60, and on a motion by Wm Robinson and seconded by Irving Goodman "That the treasurers report be accepted as read" carried. The treasurer than stated that many members have neglected their dues and should attend to this matter in the very near future. The secretary brought up the question as to the starting time of our meetings and on a count of raised hands showed that fifty per cent were in favour of 6:30 and the remainder at 7:00 o'clock. This matter to be taken up at the Board of Governors meeting. Members were reminded to bring in their cards for the Kard-index system. Anyone desiring emblems of the society were to get in touch with the secretary. On a motion by Geo. Ostiguy and seconded by J. Messiah "That a small token of appreciation be presented to each of the retiring presidents on their retirement from that office" carried.

The speaker of the evening was introduced by Mr. Don. Banton, who stated that Mr. van Berkum, was a very young man with plenty of knowledge in the field of combustion engineering for the Bailey Meter Company. He graduated from Queens in 47 and has been with the Bailey Meter ever since as their Ottawa and district representative. He is also a member of the Power Engineers.

Mr. van Berkum expressed the point that if efficiency is to be obtained from a power plant it must at least have instruments to show what is going on in the boiler etc., then to obtain better results manual adjustments should be made. These manual controls should be located near the instruments to see the results of the adjustment. To obtain best results automatic controls along with recording instruments should be installed. He further stated that blind operation, that is firing without instruments, although skilled firemen were used, the result would be a loss of 10 to 15 per cent in the steam output.

He pointed out that excess air in boiler firing, if reduced too low resulted in unburned fuel, gas and a serious nuisance of smoke. Added out put of steam could be obtained when a better grade of coal is used along with air control. Feedwater regulated by hand is a waste of man power and sometimes unsafe. It is better to install an automatic control with low water cut out. As the lecture was illustrated with slides, many charts such as air requirements for the combustion of different coals, charts recording actual flue gas temperature, steam flow and air flow with and without controls and many pictures of installed controls were shown. The controls available were Bailey water level, smoke density, combustion, damper, feed-water, induced draft for pulverized fuel and many others. Thus anything that can be measured can be controlled. The speaker then opened the meeting for questions and answers.

Mr. J. Messiah thanked the speaker for his most interesting talk. A motion of adjournment was made by Wm Robinson seconded by J Messiah, Carried.

*B. S. Robinson*