

our experience found a heating system as such, that is, little if any use as a ventilating system. That is to say, you must have some mechanical method for removing a large quantity of air in order to remove the objectionable gases, vapor, etc., and in the winter when the air is cold, the large volume of air moving must be sufficiently warm so as to carry off the moisture and, if the air is sufficiently warmed, you will not have the fog effect.

The ventilating of a dye house is about as serious a matter as we have to contend with, for the reason that it is very expensive proportionate to the size of the building. I believe the only satisfactory way to ventilate a dye house is to blow in sufficient warm air so as to give a complete change in the dye house every minute or so, and arrange the outlets so as to prevent the freezing of the moisture around such outlets. With such a system properly installed one can go in and out of a dye house and see from one end of it to another, instead of as you find it in most cases at the present time, where they have what they call a ventilating system usually consisting of a disc or propeller wheel with which they try to suck out the steam, and the more they suck out and the more cold air they admit in, the more steam they have got to suck out; and, instead of relieving the condition, they only aggravate it.

We could go on through the list as above, but feel we have encroached on your time sufficiently long enough already. If there are any questions that any of the members would like to ask we will be only too pleased to undertake to give a satisfactory explanation.

Thank you for the privilege of meeting you in this capacity.

Chairman,—

Will you give us a rough idea of the air washer?

Mr. Grant drew a diagram on the blackboard and explained the air washer.

Mr. Herring,—

What is the idea of heating the air before it goes into the washer?

Mr. Grant,—

If this was not done it would freeze the water.

Mr. Wickens,—

Do you have any trouble with having too much humidity in the air?