

Mr. Wilkinson,—

That might happen with the old style valves. The man who could make them the cheapest got the business.

Mr. Taylor,—

We have listened to a good discussion here to-night and as I have had a little experience installing plants I believe that composition discs are not to be relied upon.

One plant in my mind being fitted with valves containing composition discs where steam pressure was 150 pounds did not last only a few days as the valve seats crumbled to pieces with the result that the whole thing was rejected.

In regard to valves not being packed or tested before leaving the manufacturers hands might say that this is serious. As the workman who installs pipe lines and fittings has enough trouble putting them in without having to answer for the valve man's carelessness therefore if they are not packed do not receive them as it is proof they have never been tested.

Mr. Bly,—

It has always appeared to me that our valves are constructed the wrong side up, or rather the wrong side down. The steam pressure tends to push the valve open when closed and it seems to me that some of our manufacturers should try to design a valve whereby when it is closed the steam will hold the seat in its place and not push it open.

There is one thing I would like to call your attention to, which will give you greater efficiency in your valves. Invariably steam fitters will insist on putting the red lead or whatever composition they may be using on the inside of the coupling of the valve instead of on the end of the pipe, with the result that pieces of this lead get in the valve and under the seat, consequently when the valve is closed down it comes on to this material and naturally when the valve does not close properly you have a leaky valve. I have asked them why they do it and the only reason seems to be that they get their hands dirty when they put it on the end of the pipe.

In houses where small piping is used, it has been observed that the red lead practically covers the end of the pipe thereby choking the pipe up to a certain extent and naturally interferes with the flow of the gas or whatever may be going through the pipe.

Mr. Baldwin,—

I know there are a number of you want to get away to go on to the banquet, and I would therefore move that a hearty