

Mr. Kastella,—

At Stratford we run a test every year. The last test we ran was from six weeks to two months, and we obtained the following results.

Water evaporated actual per lbs. of natural coal, lbs.	8.38
Water evaporated actual per lbs. of dry coal, lbs.	8.72
Water evaporated from and at 212 deg. natural coal, lbs.	9.90
Water evaporated from and at 212 deg. dry coal, lbs.	10.06
Water evaporated from and at 212 deg. combustible	12.10
Cost of coal to evaporate 1000 lbs. of water from and at 212 deg.	8.34c.

Mr. McRobert,—

As I am somewhat interested in super-heated steam, can you tell me what experience you have had along this line; and what is your experience of the saving effected by using super-heated steam in comparison with saturated steam? Is there any thermo-dynamic value attached to the use of super-heated steam, or is the only saving effected by the overcoming of condensation in the cylinders.

Mr. Kastella,—

As far as my experience goes I am sorry to say that I do not know very much about the use of super-heated in either turbines or steam engines. As far as my knowledge goes I find that super-heated steam is more efficient than saturated.

Mr. McRobert,—

Where is this efficiency?

Mr. Kastella,—

It seems to be less condensation.

Mr. McRobert,—

Is there any other advantage?

Mr. Kastella,—

I do not know of any other advantages, there may be some other advantages, but as I said before, the only real advantage I can see is the small amount of condensation.