

E.

22nd. April, 1892.

Dear Sirs,

I have to acknowledge the receipt of your letter of the 20th inst. with its enclosures respecting the boiler for the "Elof," & in regard thereto beg to acquaint you that the re-arrangement of the tubes as shown on the tracing will be approved by the Committee.

As regards the thickness of the combustion chamber plating I have to state that in order to meet the requirements of the Rules for a working pressure of 90 lbs per sq. inch, it will require to be $\frac{1}{2}$ " thick, as previously intimated to you, as with $\frac{3}{4}$ " inch plating proposed by you the Rules only give a working pressure of 82 lbs. thus:- $\frac{120 \times \frac{3}{4}}{45} = 82$ lbs.

I may point out that the $\frac{1}{2}$ " plating would not give a working pressure of above 800 lbs as stated by you, the Rule working out thus:- $\frac{120 \times \frac{1}{2}}{45} = 93$ lbs. with this thickness of plating.

The tracing has been retained.

I am,

Dear Sirs,

Yours faithfully,

A. J. [Signature]
Secretary.

Wm. E. R. & F. Turner,
St. Peter's & Grey Friars' Church,
Ipswich.



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