

11th May 1890.

Dear Sir,

I have to acknowledge the receipt of your letter of the 11th inst. submitting for the Committee's approval a tracing of a boiler proposed to be made by you for Guy's Hospital, and in regard thereto I am directed to acquaint you that the boiler in question will be approved of for the intended working pressure of 120 pounds per square inch provided the rivet holes in the longitudinal joints of the shell be made $\frac{3}{8}$ inch diameter and $5\frac{1}{2}$ inches pitch; the end and doubling plates to each head $\frac{3}{8}$ inch thick; the plates on the main rays do not exceed $2\frac{1}{2}$ inches; the combustion chamber crown to be made $\frac{3}{8}$ inch thick and the back $\frac{3}{8}$ inch thick; stay tubes to be made 70 inch thick, and four more to be fitted; the stiffening ring.



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LON 725-0004 1/2

ings round the manhole to not less than
 $0 \times \frac{1}{2}$; stiffening rings to fitted round the
the hand holes in the ends, and the boiler
to built under the usual conditions of
stress and strain.

I have to request that you will
return the enclosed drawing for the guidance
of the Surveyor having the boiler under
inspection.

I am,

Dear Sir,

Yours faithfully,

W. H. H. H.

W. H. H. H.,
Steam Engine Boiler Works
Bromley by Bow.
London.
E.



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