

Lloyd's Register of British & Foreign Shipping,

Collingwood Buildings,

Newcastle-on-Tyne.

Reference

28<sup>th</sup> Oct. 1904.

Dear Mr. Cornish

I sent you officially  
yesterday the results of the testing of  
the punched &c. samples.  
Although we had 80 tests  
made, on looking over  
the results I was inclined  
to wish we had double that  
number, i.e. four separate  
samples of each test. To do

this would have meant further  
delay so I forwarded the  
results which I think show  
we can safely punch for  
a rivet  $\frac{1}{8}$  smaller than  
rule size and run out  
to full size.

The second 1 inch plate  
has been tested and satisfied  
the conditions so far as  
breaking strain & elongation  
are concerned but each of the  
seven normal tensile failed  
to reach the elastic limit



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of 20 tons. Spencer propose  
to roll another 1" plate for  
experimental testing.

a number of the  $\frac{3}{8}$ "  
 $\frac{10}{16}$  plates have been rejected  
for failing to reach the elastic  
limit.

Yours Faithfully  
E. B. Hancock