

Lloyd's Register of British & Foreign Shipping,

Collingwood Buildings,
Newcastle-on-Tyne.

Reference

XXXXXXXXXX

Answer

15/10/04

11th Nov. 1904.

Dear Mr. Cornish.

As already intimated
in my letter of the 28th Oct.
the second 1" plate high
tensile steel rollers by
Messrs. Spencer failed to
comply with the conditions
laid down respecting the
elastic limit. A third plate
was rolled but not presented

to us; the makers tested it
privately and it failed to
come up to the elastic limit.
They rolled a fourth plate
with the same result.

A fifth plate has been rolled
and tested privately by the
makers. We do not know
in what respect it has failed
but are told the makers will
not present it to us. They
intend rolling a sixth
plate.

Until they succeed in
producing a satisfactory



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Lloyd's Register
Foundation

1" plate we cannot
have the strips prepared
for experiment to obtain
modulus of elasticity -
unless we take them
from the remains of the
 $\frac{3}{4}$ " plate if they are still
available. I think, ^{however} it
would be better to wait
for the 1" plate.

Since last writing
you about this they have
stopped with the 3/8 & $\frac{10}{32}$
plates until this week

when they presented two
batches of about 40 plates
with much better results,
the rejections only amounting
to three plates.

Yours Faithfully
E. B. Chambers