

Received at

Office,

11

## Lloyd's Register of Shipping.

(Report on Machinery, No. 40215 Port

Glasgow)

Highland

No. 2814

ENGINE FORGINGS OR CASTINGS.

Warrior.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by *W. Beadmore & Co. of Glasgow*

for the Engines No. 576 being constructed by *Barclay Currie & Co. of Glasgow*

for the Ship No. , being built by

of

have been inspected by me as set forth below, and found to be, so far as can be seen, *Sound*

Mark on Forgings or Castings.

Lloyd's

No. 2814

A.F.

all stamped 2707.

Alexander Fletcher

Glasgow. 11/4/1919.

Turbine spindles Gear wheel shafts "Shrouds 4 off"

STRAIGHT SHAFTING

Reduction pinion

CRANK SHAFT.

THROST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

Material\* ...

Semi-iron

Fracture

Broken

Steel

How made ...

Forged

Forged

Dimensions ...

all

as per

plan

Progress on {  
Inspection }

Forging

testing

+ finishing

Tests on Standard  
Test Pieces.

Tensile Test—

Tons per square inch

tests

No 1781/3. 37.8. 36.0

tests

No 1785/7 37.2. 47.6.

tests

No 1792/3. 48.2. 46.4.

tests

No 1796/7 32.0. 34.0

Extension per cent

25. 28

29. 24.

21. 24.

32.0. 34.0

Cold Bending Test—

Angle before fracture

180°

180°

180°

Dates when Inspected

22/11/1918 to

9/4/1919

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ *Nil* (Vessel Classed)

To be paid at

Weight

18-10-0-0.

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.