

For the information of Surveyors and the Committee only.

Received at

Office,

19

# Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

## No. 5760. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by Messrs The Yorkshire Eng. Co., of Sheffield, for the Engines No. being constructed by Messrs Newton, Dean & Mitchell of Bradford, 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, satisfactory.

Mark on Forgings or Castings.

Lloyd's

No. 461.

W.G.H.

W. G. Hume.

Sheffield 11/12/18.

Three Throw

CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

Material* ...	Siemens Steel			
How made ...	Forged			
Dimensions ...	7 1/2" dia.			
Progress on Inspection }	Finished.			
Tests on Standard Test Piece	See Below			
Tons per square inch				
Extension per cent	"			
Old Bending Test	180°			
Angle before fracture				
Dates when Inspected	13/5/18 to 14/12/18			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

	Test No.	Tensile.	Elongation.	Bends.
1 Pin	20	30.4	30.0	180°
2 Pins	23	29.4	27.5	"
Body	23	29.4	27.5	"
"	20	30.4	30.0	"
"	24	29.2	33.0	"
Welds K2917.		30.2	27.0	"

Fee (if any chargeable) £

To be paid at

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