

Received at

Office.

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No.

Port

No. 492. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described,
 manufactured by The Old Park Forge of Sheffield
 for the Engines No. 471 being constructed by Messrs Crabtree & Co
 of Farmouth 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. ✓

2 Columns

4 Eccentric rods

2 Connecting rods

2 Valve rods

Sheffield 1/7/12

Joseph Fringle & John R. Brown

CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

Material* ...	Siemens Steel		Siemens Steel	
How made ...	Forged		Forged	
Dimensions ...	Rough		Rough	
Progress on Inspection }	Columns	Eccentric rods	Value rods	
Tests on Standard Test Pieces.	Test - No 1	Test - No 2	Test - No 5	Test - No 3
<u>Tensile Test—</u>	31.0	30.6	31.26	31.94
Tons per square inch				
Extension per cent	33.5	33	32	32
<u>Cold Bending Test—</u>	180°	180°	180°	180°
Angle before fracture				
Dates when Inspected	19/6/12 & 20/6/12		19/6/12 & 20/6/12	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.