

For the information of Surveyors and the Committee only.



Received at _____ Office, _____

Lloyd's Register of Shipping

(Report on Machinery, No. _____ Port Hull)

No. _____ ENGINE FORGINGS ~~OR CASTINGS~~.

The words FORGINGS or CASTINGS should be struck out as may be required.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs T. S. Forster & son of Sunderland for the Engines No. 672 being constructed by Messrs Ames & Smith of Hull 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 and free from defects. These have been despatched to Messrs Ames & Smith of Hull

Mark on Forgings ~~or Castings~~.

Lloyd's
No. 1603
D. 17.8.39

3-Piston rods
3-Piston rod crosshead

J. Dale
Sunderland
21.8.39

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>3 In Ingot Iron</u>			
How made ...	<u>Forged</u>			
If Annealed...	<u>Y</u>			
Dimensions } Forgings	<u>12.2.0</u>			
Weight } Castings	/			
Weight, Castings ...	/			
Progress on } inspection	<u>Forging & casting</u>			
	<u>Test No. 13-14</u>			
TEST RESULTS.				
Ultimate Tensile.				
Tons per sq. in. ...	<u>36.2 37.6</u>			
Yield Point.				
Tons per sq. in. ...				
Extension per cent				
on <u>2</u> inches ...	<u>30% 27%</u>			
Red. of Area %				
Cold Bending Test...	<u>180 180</u>			
Dates when Inspected	<u>16-17/8/39</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) Monthly 2/6 To be paid at new

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process



