

Sept. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

Manchester

No. F19938 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Armstrong Whitworth Ltd. of Newcastle-on-Tyne for the Engines No. being machined by Messrs. L. Gardner & Son of Manchester for the Ship No. Stock, being built by

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

Work on Forgings or Castings.

Lloyd's

No. 7815

G. M.

20-6-27.

(sgd) J. Dale & J. Muddoch
Newcastle.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material		36-4VT Con? Rods		
How made		36-5VT " "		
Heat treated		S.M. Engot Steel		
Dimensions, Forgings		Deep forged		
Weight, Castings				
Progress on Inspection		Forging & testing		
Tests on Standard Test Pieces.		Test No. 50 51		
Tensile Test—		30.8 30.0		
Tons per square inch				
Extension per cent		37.1 37.1		
90° Bending Test—		180° 180°		
Angle before fracture				
Notes when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

3-used for Capt. Rumbold's Engine for M.Y. "Liby" built 1874.

and examined finished at the works of Messrs L. Gardner & Son Ltd. on the 20/7/27. L.G. Butterworth.

(if any chargeable) £ 2-2-0 To be paid at Newcastle.

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

© 2020

Lloyd's Register Foundation