

Rpt. 7

For the information of Surveyors and the Committee only. 14 NOV 1933

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 54156 Port Glasgow)

## No. 4700 ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Messrs The Atlas Steel Foundry Eng<sup>rs</sup> 6<sup>th</sup> L<sup>td</sup> of Armadale, West Lothian for the Engines No. SH 1723/5 being constructed by Messrs J. Sugden L<sup>td</sup> of London for the Ship No. 345, being built by Caledon S.B. & C. L<sup>td</sup> 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 Cockburn L<sup>td</sup>, Cardonald, Glasgow.

Mark on Forgings or Castings.

Lloyd's  
No. 4700  
1566. 31/10/33.

*William Lewis*  
9 NOV 1933

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	3. 2" S.S. Valve Chute.			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material	Siemens-Martin Acid, Open Hearth Steel			
How made	Cast.			
If Annealed	Annealed			
Dimensions, Forgings				
Weight, Castings	1. 2. 16.			
Progress on Inspection	Rough dressed.			
Tests on Standard Test Pieces.	Test No 686			
Tensile Test—	32.0			
Tons per square inch				
Extension per cent	32.0%			
Cold Bending Test—	160°NF			
Angle before fracture				
Dates when Inspected	31/10/33.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The Castings were dried and heated

Fee (if any chargeable) £ \_\_\_\_\_ To be paid at \_\_\_\_\_

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