

Rpt. 7

For the information of Surveyors and the Committee only.

7 FEB 1934

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

# Lloyd's Register of Shipping.

(Report on Machinery, No. 54156 Port **GLASGOW**)

## No. 4664. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. Beardmore & Co Ltd of Glasgow for the Engines No. 101 being constructed by Messrs. Alex. Stephens & Sons Ltd of Linthouse Glasgow for the Ship No. 345, being built by The Caledon Shipbld. & Eng. Co Ltd of Dundee 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. Alex. Stephens & Sons Ltd. Glasgow.

Mark on Forgings ~~or Castings~~.

Lloyd's  
No. 4664 & Test No.  
C.S.P.

Chas. J. Porter

Glasgow. 14/11/1933.

	<del>CRANK SHAFT.</del>	THRUST SHAFT.	INTERMEDIATE SHAFTS	<del>TUBE SHAFT.</del>
	<del>FLYWHEEL SHAFT.</del>		3. Off.	SCREW SHAFT.
Material <sup>sp</sup> ...		Siemens Martin Ingot Steel		
How made ...		Forged.		
Annealed ...		Yes.		
Dimensions, Forgings		13 7/8 6 11 1/2	11 1/2	13 1/4
Weight, Castings				
Progress on Inspection {		Forging and. Rough Machining		
Tests on Standard Test Pieces.		Test. No. 808 ✓	1 Test. Nos. 571. 572. 573. ✓	Test. No. 601. ✓
Tensile Test—		30.4	30.0 30.0 30.6	31.0
Tons per square inch ...		28	31 31 30	27
Cold Bending Test—		180.	180 180 180	180
Angle before fracture ...				
Dates when Inspected		19/10/33 6 9/11/33	7/9/33 to	9/11/33

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ NIL (Vessel Classed) 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.