

Rpt. 7

For the information of Surveyors and the Committee only.

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

# Lloyd's Register of Shipping.

(Report on Machinery, No. 54392 Port GLASGOW)

## No. 4663. 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. 538 being constructed by Messrs. A. Stephens & Sons Ltd. of Leith, Glasgow for the Ship No. 538, being built by themselves. 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. A. Stephens & Sons Ltd. Glasgow.

Mark on Forgings or Castings.

Lloyd's  
No. 4663 of test bar  
C.S.P.

538  
1 spare journal  
1 spare pin  
1 spare web

Chas. S. Porter.  
Glasgow. 14/11/1933.

	CRANK SHAFT 7. Coupler ends. 4. Crank pins FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFTS	TUBE SHAFT. SCREW SHAFTS
Material	Siemens	Martin	Ingot.	Steel
How made	Forged.		Forged.	
If Annealed	Yes.		Yes.	
Dimensions, Forgings	12 x 12 1/4	13 7/8 x 6 1/2	11 3/4	13 3/8
Weight, Castings				
Progress on Inspection	Forging. Testing and rough machining			
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch	See attached sheet			
Extension per cent	"			
Cold Bending Test— Angle before fracture	"			
Dates when Inspected	5/9/33		40	10/11/33

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

NIL (Vessel Classed)

Fee (if any chargeable) £

To be paid at

GOC.

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