

17 FEB 1934

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. 54156 Port Glasgow)

No. _____ ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs T. S. Forster & son Ltd. of Sunderland for the Engines No. 101 being constructed by Messrs A. Stephens & son Ltd. of Glasgow 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 A. Stephens & son Ltd Glasgow

Report on Forgings or Castings.

Lloyd's

No. 6975

29 8.9.33

3 Slide rods

3 Piston rods 3 Crosshead. 3 connecting rods

Sunderland

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	ELYWHEEL SHAFT.			SCREW SHAFT.
Material	<u>Iron Ingot. Steel</u>			
How made	<u>Forged.</u>			
Annealed	<u>yes.</u>			
Dimensions, Forgings				
Weight, Castings				
Progress on Inspection	<u>Forging, annealing & testing.</u>			
Tests on Standard Test Pieces.				
Ultimate Tensile Test—	<u>29.2 32.0</u>	<u>36.4</u>	<u>28.0 29.0</u>	
Tons per square inch				
Extension per cent	<u>35% 25%</u>	<u>27%</u>	<u>29% 28%</u>	
90° Bending Test—	<u>180° 180°</u>	<u>180°</u>	<u>180° 180°</u>	
Angle before fracture				
Dates when Inspected	<u>1 to 8 September 1933</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—



Lloyd's Register Foundation

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.