

## Lloyd's Register of Shipping.

(Report on Machinery, No. 54332 Port GLASGOW)No. 4683 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Rowan & Co Ltd of Glasgow for the Engines No. 962 being constructed by themselves of \_\_\_\_\_ for the Ship No. 865, being built by Messrs. Lithgow's Ltd of Port Glasgow 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 themselves.

Mark on Forgings ~~or Castings~~.

Lloyd's

No. 4683  
C.S.P.Chas. J. PorterGlasgow 4/10/1933.

	CRANK SHAFT. Piston Rods 3.6H. FLYWHEEL SHAFT.	THRUST SHAFT. Crossheads. 3.6H.	INTERMEDIATE SHAFT.	TUBE SHAFT. SCREW SHAFT.
Material* ...	<u>Simmons Martin Ingot Steel</u>			
How made ...	<u>Forged.</u>			
Annealed...	<u>Yes.</u>			
Dimensions, Forgings	<u>as-per-app. plan</u>			
Weight, Castings ...				
Progress on } Inspection }	<u>Forging and testing.</u>			
Tests on Standard Test Pieces.	<u>Test No</u> <u>49.</u> <u>50.</u>	<u>Test No</u> <u>52</u>		
Tensile Test— Tons per square inch	<u>28.7</u> <u>28.9</u>	<u>30.7</u>		
Extension per cent	<u>34.5</u> <u>36</u>	<u>31.5</u>		
Cold Bending Test— Angle before fracture	<u>180</u> <u>180</u>	<u>180</u>		
Dates when Inspected	<u>4/7/33 to 28/9/33</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

NIL (Vessel Classed)

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.