

For the information of Surveyors and the Committee only.

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

# Lloyd's Register of Shipping.

(Report on Machinery, No. 54510 Port GLASGOW)

## No. 4595 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs W<sup>m</sup> Beardmore & Co. Ltd. of Glasgow for the Engines No. 963 being constructed by Messrs D Rowan & Co. Ltd. of Glasgow for the Ship No. 866, being built by Messrs Lithgaw'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 Messrs D Rowan & Co. Ltd. Glasgow

on Forgings or Castings.

Lloyd's  
No. 4595 & Test No. C.S.P.

Chas. S. Porter

Glasgow 3/8/1933

Pieces Connecting Rods satisfactory

	CRANK SHAFT. <u>Pins, ends, &amp; Journal</u> FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFTS <u>5. OFF.</u>	TUBE SHAFT.  SCREW SHAFT.
Material * ...	<u>Siemens</u>	<u>Martin</u>	<u>Ingot</u>	<u>Steel</u>
Made ...	<u>Forged</u>		<u>Forged</u>	
Heat treated ...	<u>Yes</u>		<u>Yes</u>	
Dimensions, Forgings	<u>12 1/4 Dia</u>	<u>12 1/4 Dia</u>	<u>11 3/4 Dia</u>	<u>13 1/4 Dia</u>
Height, Castings				
Process on inspection }	<u>Forging</u>	<u>Testing and</u>	<u>Rough Machining</u>	
Conforms on Standard Test Pieces.				
Stress Test—				
Tension per square inch ...	<u>See attached sheet</u>			
Elongation per cent ...	<u>- do</u>	<u>- do</u>	<u>- do</u>	
Bending Test—				
Time before fracture ...	<u>- do</u>	<u>- do</u>	<u>- do</u>	
When Inspected	<u>14/6/33</u>		<u>do</u>	<u>31/7/33</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

NIL (Vessel Classed)

(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.

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