

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 54627)

Port

GLASGOWNo. 4684 ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. D. Rowan & Co. Ltd. of Glasgow for the Engines No. 965 being constructed by Themselves of Themselves for the Ship No. 868, being built by Messrs. Lithgow & Co. 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. 4684C.S.P.Chas. S. PorterGlasgow. 4/10/1933

	CRANK SHAFT. Piston Rods 4. 6H. FLYWHEEL SHAFT.			THRUST SHAFT. Crossheads 4. 6H.		INTERMEDIATE SHAFT.	TUBE SHAFT.	SCREW SHAFT.
Material* ...	<u>Siemens Martin</u>			<u>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>53.</u>	<u>54.</u>	<u>55</u>	<u>56</u>	<u>57</u>			
tensile Test—								
Tons per square inch ...	<u>31.4</u>	<u>32.0</u>	<u>31.0</u>	<u>30.6</u>	<u>28.9</u>			
Extension per cent ...	<u>36</u>	<u>34</u>	<u>31.5</u>	<u>33</u>	<u>36</u>			
Cold Bending Test—								
Angle before fracture ...	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>			
Dates when Inspected	<u>8/9/33</u>	<u>10</u>	<u>28/9/33</u>					

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

NIL (Vessel Classed)

To be paid at

L.C.D.

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

Im. 10.30.

002838-002845-0175

Manufacturer.