

Received at

- 3 JUL 1933

10

Lloyd's Register of Shipping.

(Report on Machinery, No. 4413 Port Hull)AMENDED
No. 23653

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Rotherham Forge & Rolling Mills Co. Ltd. of Rotherham for the Engines No. 1441 being constructed by Messrs C. D. Holmes & Co. Ltd of Hull 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 _____

Mark on Forgings or Castings.

Lloyd's

No. 640M.H.B. 23/3/33W.A. BlackSheffield30/3/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>2 Piston Rods</u>			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Siemens Steel</u>			
How made ...	<u>Forged</u>			
If Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>Dia 4 1/2"</u>			
Weight, Castings				
Progress on } Inspection }	<u>Black Forging</u>			
Tests on Standard Test Pieces.	<u>112/10</u>			
Tensile Test— Tons per square inch	<u>30.1</u>			
Extension per cent	<u>31.0</u>			
Cold Bending Test— Angle before fracture	<u>180° W.F.</u>			
Dates when Inspected	<u>20/3/33 to 23/3/33</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

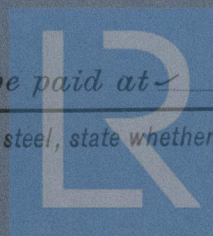
Fee (if any chargeable) £ ~

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.

10m, 3, 20,

The foregoing is a correct description,



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Lloyd's Register
Foundation

W414-0042


 LLOYD'S REGISTER OF SHIPPING
 100, FLEET STREET, LONDON, E.C. 4
 TELEGRAMS: "LLOYD'S" LONDON
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REPORT ON THE PROGRESS OF THE WORK OF THE ENGINE ROOMS OF THE S.S. "HARBOUR" IN THE YEAR 1900

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ENGINE ROOMS OF THE S.S. "HARBOUR"

The engine room of the S.S. "Harbour" was fitted with two sets of engines, each consisting of a horizontal cylinder and a vertical cylinder, the former being driven by a steam engine and the latter by a gas engine. The engines were fitted with a system of valves and a system of pipes, which were all worked by hand. The engine room was fitted with a system of valves and a system of pipes, which were all worked by hand.

1441

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