

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 597 Port Malmo.)

No. 5045. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the Engines No. ✓ being constructed by Messrs. Kockums Msk. Verktads 9/B. of Malmo for the Ship No. 143, 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.
3 Piston rods.

Mark on Forgings or Castings.

Lloyd's

No. 6573.

24.5.23.

Copenhagen, 14th June 1923.

A. O. J. J. J.

SURVEYOR TO LLOYD'S

REGISTERED OF SHIPPING

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Assumed S. M. S. Steel.</u>	/		
How made ...	<u>Hydraulic forged.</u>			
Dimensions ...	<u>Diam. 4 3/4"</u>			
Progress on Inspection }	<u>Forged & rough turned.</u>			
Tests on Standard Test Pieces.				
Tensile Test—	<u>30.6</u>			
Tons per square inch ...	<u>37.8</u>			
Extension per cent ...	<u>18%</u>			
and Bending Test—	<u>good.</u>			
Angle before fracture ...	<u>19 1/4, 20 1/4, 24 1/5. 23.</u>			
When Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £. 40.00

To be paid at Copenhagen.

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

10.20. T.

W441-0094

For finished rods please see Utho forging report No 117.