

Received at

Office,

22 MAY 1924

Lloyd's Register of Shipping.

(Report on Machinery, No. 18070 Port Lth)

No. 5484. 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. 339 being constructed by Messrs. Mac Call & Pollock of Sunderland for the Ship No. 12, being built by Messrs. Hansen Shipbuilding Co. Ltd. of Bideford, Devon have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

Two intermediate Shafts.

Mark on Forgings or Castings.

Lloyd's
No. 7055, 7056
K 25.3.24.

Copenhagen, 14th May 1924.

S. Hansen
SURVEYOR TO LLOYD'S
REGISTER OF SHIPPING

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	2 INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	/		<u>Annealed S. M. I. Steel</u>	
How made ...			<u>Hydraulic forged.</u>	
Dimensions ...			<u>Diam. 8 1/8"</u>	
Progress on Inspection			<u>Forged & rough turned.</u>	
Tests on Standard Test Pieces.			<u>No. 7055, No. 7056.</u>	
Tensile Test—			<u>28.6 28.2</u>	
Tons per square inch			<u>38.8 39.8</u>	
Extension per cent		<u>2</u>		
Cold Bending Test—		<u>good.</u>		
Angle before fracture		<u>17/3, 20/3, 25/3. 24.</u>		
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

One length of shafting (No 7056) new for engine N° 348
4.2.10/26

One length of shafting (No 7055) new for Contract No 374.
MARK:— LLOYD'S No 7055 T.D.S. 1-7-31.

25/6/31.

Fee (if any chargeable) £1. 80. 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.

