

# Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 6837. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the Engines No. 487 being constructed by Messrs. John Readhead & Sons of South Shields 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. 8501  
31.5.27.

Copenhagen, 17<sup>th</sup> June 1927.

A. O. Orbeck

SURVEYOR TO LLOYD'S

REGISTER OF SHIPPING

	CRANK SHAFT. <u>3/8 built crank shaft.</u> <u>6 flange ends.</u> <del>FLYWHEEL SHAFT.</del>	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.	SCREW SHAFT.
Material* ...	<u>S. M. I. Steel.</u>	/			
How made ...	<u>Hydraulic forged.</u>				
If Annealed ...	<u>Yes.</u>				
Dimensions, Forgings	<u>Diam. 12 1/2"</u>				
Weight, Castings	<u>✓</u>				
Progress on } Inspection }	<u>Forged &amp; finished.</u>				
Tests on Standard Test Pieces.	<u>3 wcls:- 3 wcls:- 3 pins:-</u>				
Tensile Test— Tons per square inch ...	<u>31.2 31.2 28.5 28.9</u>				
Extension per cent <u>2</u> ...	<u>39.8 39.8 39.8 42.7</u>				
Cold Bending Test— Angle before fracture ...	<u>180° good.</u>				
Dates when Inspected	<u>7/3 10/3 23/3 30/3 4/4 11/4 31/5.27.</u>				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £1. 60. or Exp. 3. To be paid at Copenhagen.

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



Lloyd's Register  
Foundation