

Rpt. 7.

For the information of Surveyors and the Committee only.

3 OCT 1931

Received at

Office,

19

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port

Newcastle on Tyne

No. \_\_\_\_\_

## ENGINE FORGINGS OR CASTINGS.

The words FORGINGS or CASTINGS should be struck out as may be required.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Darlington Forge Ltd of Darlington for the Engines No 1316 being constructed by Swan Hunter & Co Ltd of Newcastle 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 \_\_\_\_\_

Newcastle

Mark on Forgings or Castings.

Lloyd's  
No. 5925D  
MR

M. Robertson

Darlington 22. 3. 29

1 Shaft Coupling Piece

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
				SCREW SHAFT.
Material* ...	<u>S.M. Ingot Steel</u>			
How made ...	<u>Forged &amp; Annealed</u>			
If Annealed...	<u>Yes</u>			
Dimensions, Forgings	<u>4.73" dia</u>			
Weight, Castings ...				
Progress on Inspection	<u>Forged Rough Mach'd</u>			
Tests on Standard Test Pieces.				
Tensile Test—	<u>28.4</u>			
Tons per square inch	<u>28.4</u>			
Extension per cent	<u>31-0</u>			
Cold Bending Test—	<u>180</u>			
Angle before fracture	<u>180</u>			
Dates when Inspected	<u>27.2.29. 19.3.27</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ 1-1-0

To be paid at Darlington

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

