

Rpt. 7.

For the information of Surveyors and the Committee only. 27 APR 1931

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 10

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port *London*.)

## 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.~~ being constructed by

of *R. F. A. Montenol* for the Ship No. \_\_\_\_\_, being built by

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. *2086 D*  
D.D.W.

*D. D. Williamson*  
*Darlington*

*Single Throw*

	CRANK SHAFT.	<del>THRUST SHAFT.</del>	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
Material* ...	<i>S.M. Ingot Steel</i>			
How made ...	<i>Forged</i>			
If Annealed ...	<i>Yes</i>			
Dimensions, Forgings	<i>14 3/8" dia</i>			
Weight, Castings				
Progress on Inspection }	<i>Forged &amp; Finished</i>			
Tests on Standard Test Pieces.	<i>20</i> <i>Lefts</i> <i>24</i>			
Tensile Test—				
Tons per square inch	<i>30.4</i> <i>31.2</i>			
Extension per cent	<i>33.0</i> <i>29.0</i>			
Cold Bending Test—	<i>180</i>			
Angle before fracture				
Dates when Inspected	<i>31-3-31 6-23-4-31</i>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*This crankshaft is intended to be carried on board the above vessel as a spare shaft.*

Fee (if any chargeable) £ *3.3.0*

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.

10m.1.30.

Date of Test

Diameter of Safety Valve

Is a Safety Valve fitted to each Section of the Superheater which can be tested by Hydraulic Pressur

Tested by Hydraulic Pressur

W198-0198

