

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 *R. F. A. Montend* of \_\_\_\_\_ 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. *7086 D*  
D.D.W.

*D. D. Williamson*  
*Darlington*

*Single Throw*

	CRANK SHAFT.	<del>THRUST SHAFT.</del>	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
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 Tests 24</i>			
Tensile Test— Tons per square inch	<i>30.4</i>	<i>31.2</i>		
Extension per cent <i>3"</i>	<i>33.0</i>	<i>29.0</i>		
Cold Bending Test— Angle before fracture	<i>180</i>			
Dates when Inspected	<i>31-3-31 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.*

*JJ*  
*28/4/31.*

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.



W198-0198