

# Lloyd's Register of Shipping.

(Report on Machinery, No. 86078)

Port Newcastle on Tyne

## No. \_\_\_\_\_ ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by The Darlington Forge Ltd of Darlington for the Engines No. 1310 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. ~~This~~ has been despatched to Newcastle

on Forgings ~~or Castings~~.

Lloyd's

No 5912D

MR

1-10 Red Wheel rim

M. Robertson

Darlington 22.2.29

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...	<u>S.M. Ingot Steel</u>			
made ...	<u>Forged &amp; Annealed</u>			
annealed ...	<u>Yes</u>			
Dimensions, Forgings ...	<u>14 97/16 dia</u>			
Weight, Castings ...				
Process on { Inspection }	<u>Forged &amp; Annealed</u>			
Tests on Standard Test Pieces.				
Stille Test—	<u>Yol 66 = 32-2</u>			
Tension per square inch ...	<u>32.0</u>			
Extension per cent ...	<u>180</u>			
Bending Test—				
Angle before fracture ...				
Inspected when	<u>12.2.29 21.2.29</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(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.