

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port Manchester

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 1306 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

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

Mark on Forgings or Castings.

Lloyd's
No 5924-D
MR

M. Robertson

Darlington 18-10-28

2 2nd Red Union Shafts

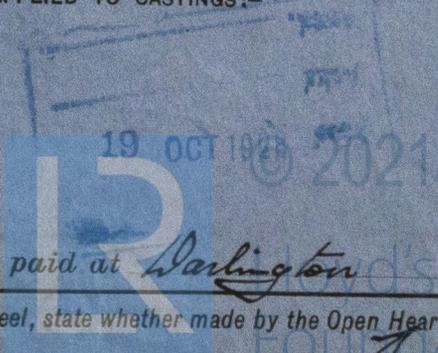
	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Nickel Steel</u>			
How made ...	<u>Forged & Annealed</u>			
If Annealed...	<u>Yes</u>			
Dimensions, Forgings	<u>3 1/2" dia</u>			
Weight, Castings				
Progress on Inspection	<u>Forged Rough Mach'd</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>42.0</u>			
Extension per cent	<u>27.0</u>			
Cold Bending Test—				
Angle before fracture	<u>180</u>			
Dates when Inspected	<u>10-9-28 20-9-28</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ _____

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.



1500-1501