

MAY 31 1937

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

# Lloyd's Register of Shipping.

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

## No. 31142 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Woodhouse & Rixson of Sheffield for the <sup>Order</sup> Engines No. 1007/A being constructed by Messrs. J & S. Hall Ltd., of Darford for the Ship No. \_\_\_\_\_, being built by S.S. "CANTON" 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 \_\_\_\_\_

Mark on Forgings or Castings.

Lloyd's  
No. 398/9  
21/5/37 T.W.B

Inspected  
Sheffield 25/5/37

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	1 Double crank No. 398 FLYWHEEL SHAFT.	1 Double crank No. 399.		SCREW SHAFT.
Material* ...	Siemens steel			
How made ...	Forged			
If Annealed...	Heat treated			
Dimensions } Weight } Forgings	5" dia			
Weight, Castings ...	-			
Progress on Inspection }	Rough Machined			
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch ...	28.0	28.5		
Extension per cent 3" ...	35.0	33.0		
Cold Bending Test— Angle before fracture ...	180°	180°		
Dates when Inspected	5/5/37 & 14/5/37	5/5/37 & 21/5/37		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Crank shafts examined finished and found Satisfactory. Sh

Fee (if any chargeable) £1 — 11 — 6 To be paid at Sheffield

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