

25 MAR 1936

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 58710 Port Gls.)

No. F 3538 ENGINE FORGINGS, ~~OR CASTINGS~~ Mr. Salacia

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs Clarke's Crank & Forge Co. Ltd. of Lincoln, for the Engines No. 1 being constructed by Messrs J. & E. Hall Ltd. of Dartford for the Ship No. 9824, being built by Messrs Harland & Wolff Ltd. of Glasgow, 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 Dartford.

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

Mark on Forgings or Castings.

Lloyd's
No. 2330 & 31
C.M. 23.5.36

H.L. Silditch
Grimsey

	CRANK SHAFT. <u>No 2330</u>	CRANK SHAFT. <u>No 2331</u>	INTERMEDIATE SHAFT.	TUBE SHAFT.
	CRANK SHAFT.			SCREW SHAFT.
Material*	<u>Sm. Steel.</u>	<u>Sm. Steel.</u>		
How made	<u>Forged.</u>	<u>Forged.</u>		
If Annealed...	<u>Yes.</u>	<u>Yes.</u>		
Dimensions } Forgings	<u>8" dia.</u>	<u>8" dia.</u>		
Weight } Weight, Castings	<u>✓</u>	<u>✓</u>		
Progress on Inspection }	<u>Rough turned.</u>	<u>Rough turned.</u>		
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>32.0 tons.</u>	<u>31.6 tons.</u>		
Extension per cent	<u>30 %.</u>	<u>29 %.</u>		
Cold Bending Test—				
Angle before fracture	<u>180°.</u>	<u>180°.</u>		
Dates when Inspected	<u>2nd, 5th & 23rd March 1936.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) Monthly 9/- To be paid at Grimsey

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