

Lloyd's Register of Shipping.

(Report on Machinery, No. 60730 Port GLASGOW)No. 31429 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs T. Firth & J. Brown Ltd. of Sheffield for the ^{Order} Engines No. 5099/38 being constructed by Messrs. J. Brown & Co. Ltd. of Clydebank. 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

Mark on Forgings or Castings.

Lloyd's

No. 58198C.S.P. 28/6/381 Main Gear Wheel SpindleChas. S. Porter
Sheffield 5/7/38

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Bessemer Steel</u>			
How made ...	<u>Forged</u>			
If Heat Treated ...	<u>Yes</u>			
Dimensions, Forgings	<u>18 3/4"</u>			
Weight, Castings	<u>6-3-1-0</u>			
Progress on Inspection	<u>Rough Machined</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>37.8</u>			
Extension per cent	<u>3" 24.0</u>			
Cold Bending Test—				
Angle before fracture	<u>180°</u>			
Dates when Inspected	<u>24/5/38 to 28/6/38</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ 4-0-9

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.