

# Lloyd's Register of Shipping.

(Report on Machinery, No. 60730 Port GLASGOW)

Middlesboro

## No. 31429 ENGINE FORGINGS OR CASTINGS.

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

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. T. Firth & J. Brown Ltd. of Sheffield for the <sup>order</sup> ~~Engines~~ No. S.099/38 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. S.8198  
C.S.P. 28/6/38

Chas. S. Porter

1 Hair Gear Steel Spindle

Sheffield 5/7/38

	<del>CRANK SHAFT.</del>	<del>THRUST SHAFT.</del>	<del>INTERMEDIATE SHAFT.</del>	<del>TUBE SHAFT.</del>
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
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"</u>	<u>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



Lloyd's Register  
Foundation

W53-0110