

Lloyd's Register of Shipping.

(Report on Machinery, No. 60730 Port GLASGOW)
Middlesex

No. 31727. 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 Chydabank for the Ship No. ⁵³ "MIDDLESEX" 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.8237
 C.S.P. 21/6/38

Chas. S. Porter

Sheffield 22/6/38

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 L.P. Dummy Wheel</u>			
	<u>FLYWHEEL SHAFT</u>			<u>SCREW SHAFT.</u>
Material	<u>Siemens Steel</u>			
How made	<u>Forged</u>			
If Heat Treated	<u>Yes</u>			
Dimensions, Forgings	<u>3' 9 3/4"</u>			
Weight, Castings	<u>13-2-16</u>			
Progress on Inspection	<u>Rough Machined</u>			
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch	<u>36.6</u>			
Extension per cent 3"	<u>28.0</u>			
Cold Bending Test— Angle before fracture	<u>180°</u>			
Dates when Inspected	<u>9/6/38 to 21/6/38.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—



Fee (if any chargeable) £ - 10 - 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.