

Lloyd's Register of Shipping.

(Report on Machinery, No. 60730)

Port

GLASGOW

No. _____

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. 50.99/38 being constructed by Messrs. J. Brown & Co. Ltd. of Clydebank for the Ship SS "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. 60730

C.S.P. 21/7/38

Sheffield 25/7/38

	CRANK SHAFT. 2 L.P. Reaction Wheels S. 8415 FLYWHEEL SHAFT.	THRUST SHAFT. Wheels S. 8416	INTERMEDIATE SHAFT. 1 H.P. ahead Impulse wheel S. 8417	TUBE SHAFT. SCREW SHAFT.
Material* ...	Semi-steel		Steel	
How made ...	Forged			
If Heat Treated ...	Yes			
Dimensions, Forgings	3' 8 1/4"		3' 6 5/16"	
Weight, Castings	11 2 12	11 1 6	6 3 24	
Progress on Inspection	Rough		Machined	
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch	36.2	36.0	38.2	
Extension per cent 3"	28.5	27.0	26.0	
Cold Bending Test— Angle before fracture	180°	180°	180°	
Dates when Inspected	8/7/38	7/6	26/7/38	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ 1 — 10 — 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.