

For the information of Surveyors and the Committee only.

Received at

Office,

19

APR 13 1939

Lloyd's Register of Shipping.

(Report on Machinery, No. 49854 Part Hull.)

No. F7734 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. T. S. Foster & Son, Ltd. of Hylton, Sunderland for the Engines No. M8425 being constructed by Messrs. C. D. Holmes & Co. Ltd. of Hull 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 Messrs. C. D. Holmes & Co. Ltd. Hull.

on Forgings or Castings.

Lloyd's 220725
No. 1072 110 1403
9899-138 A.R.S. 26-1-39

R. E. Gallford.
Sunderland.
13. 12. 38

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...				<u>Sm. Ingot Steel.</u>
made ...				<u>Forged.</u>
annealed...				<u>Heat treated</u>
Dimensions { Forgings				<u>7 3/4" Dia.</u>
Weight { Forgings				<u>17. 1. 7</u>
Weight, Castings ...				
Pressure on { Inspection }				<u>Rough machined</u>
TEST RESULTS.				<u>Heat No. 995</u>
Ultimate Tensile.				<u>30.0</u>
Yield Point.				<u>35</u>
Elongation per cent				<u>180°</u>
Reduction of Area %				<u>9. 12. 1938.</u>
Bending Test...				
Time when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

T.S. CASTLE TYPE STOCK.

Kept in machine during machining & in completion fitted
with a continuous series of found satisfactory.

U.S. Standard. Applied for 13 DEC 1938 REPAIR
(if any chargeable) L-112-9 To be paid at SUNDERLAND. F311

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