

For the information of Surveyors and the Committee only.

Received at

Office,

APR 13 1939

Lloyd's Register of Shipping.

(Report on Machinery, No. 49854 Part Hull)

No. F7754 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs T. S. Foster & Sons 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.

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

Lloyd's LL0728
No. 1072 710 1403
9899-138 A.R.S. 26-1-39

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
				1. SCREW SHAFT.
Material				<u>Sm. forged steel</u>
made				<u>Forged</u>
annealed				<u>Not treated</u>
Dimensions				<u>7 3/4" Dia.</u>
Weight				<u>17. 1. 7</u>
Weight, Castings				
Pressure on				<u>Rough machined</u>
Inspection				<u>Heat No. 995</u>
BEST RESULTS.				
Ultimate Tensile				<u>30.0</u>
Stress per sq. in.				
Yield Point				
Stress per sq. in.				<u>35</u>
Elongation per cent				
inches				<u>180°</u>
Reduction of Area %				
Bending Test				<u>9. 12. 1938.</u>
When Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

T.S. CASTLE TYPE STOCK.

Keft examined during making of a computer fitted with a continuous series of founds manufacturing.
A. H. Swain Applied for 13 DEC 1938
(if any chargeable) L-11209 To be paid at SUNDERLAND. REPAIR F311

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

W38-0111