

24 JUL 1939

Received at

HULL

Office,

19

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port Hull

No. \_\_\_\_\_ ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. J.S. Foster & Sons Ltd. of Sunderland for the Engines No 672 being constructed by Messrs. Amos Smith 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. Amos Smith Ltd. Hull.

Mark on Forgings or Castings.

Lloyd's  
No. 1520  
22.7.39

J.E. Galleferd.  
Sunderland.

3 CONNECTING RODS

22.7.39

	<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>Sm. forged steel</u>			
How made ...	<u>Forged</u>			
If Annealed...	<u>Heat treated</u>			
Dimensions } Forgings	<u>As per plan</u>			
Weight }	<u>14.3.7</u>			
Weight, Castings ...				
Progress on } Inspection }	<u>Black forging</u>			
	<u>July 17<sup>th</sup> 1938</u>			
<b>TEST RESULTS.</b>				
Ultimate Tensile. Tons per sq. in. ...	<u>29.2</u>			
Yield Point. Tons per sq. in. ...	<u>—</u>			
Extension per cent on <u>2</u> inches ...	<u>32</u>			
Red. of Area % ...	<u>—</u>			
Cold Bending Test...	<u>180°</u>			
Dates when Inspected	<u>17.7.39 20.7.39</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) Monthly etc To be paid at Lloyd's Register NEW

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

