

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 10

# Lloyd's Register of Shipping.

(Report on Machinery, No. 43937 Port Hull

## No. 23665 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Rotherham Forge & Rolling Mills Co. Ltd. of Rotherham for the Engines No. 143 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 \_\_\_\_\_

on Forgings ~~or Castings~~.

M. A. Black.  
Sheffield  
7/4/33

Lloyd's  
No. 655  
M.A.B. 31/3/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Journal</u>	<u>1 Bar</u>	<u>1 Bar</u>	<u>1 SCREW SHAFT.</u>
	<u>FLYWHEEL SHAFT.</u>			
Material* ...	<u>Siemens</u>		<u>Steel</u>	
made ...		<u>Forged</u>		
annealed ...		<u>Yes</u>		
Dimensions, Forgings	<u>Dia 8"</u>	<u>Dia 8"</u>		<u>Dia 8 3/4"</u>
Weight, Castings				
Process on inspection }	<u>Black</u>		<u>Forgings</u>	
Tests on Standard Test Pieces.	<u>120</u>	<u>122</u>	<u>123</u>	<u>118</u>
Stress Test—	<u>31.4</u>	<u>30.1</u>	<u>28.5</u>	<u>31.9</u>
Tension per square inch	<u>30.0</u>	<u>33.0</u>	<u>36.0</u>	<u>30.0</u>
Extension per cent	<u>30.0</u>	<u>33.0</u>	<u>36.0</u>	<u>30.0</u>
Bending Test—	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>
Angle before fracture				
When Inspected	<u>23/3/33</u>	<u>to</u>	<u>31/3/33</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—



(if any chargeable) £ —

To be paid at —

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