

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19\_\_

# Lloyd's Register of Shipping.

(Report on Machinery, No. 99128 Port Lon.)

## No. 23875 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs J. Birch & J. Brown Ltd. of Sheffield for the <sup>Order</sup> Engines No. 740/11 being constructed by The British Thomson Houston Co. Ltd. of Rugby for the Ship No. \_\_\_\_\_, being built by "Serooskerk" & "Zuidkerk" 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 \_\_\_\_\_

Work on Forgings or Castings.

W. Black J.P. Sheffield  
1/6/33

Lloyd's  
No. 9267  
J.P. 26/5/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Disc Ring</u>			<u>SCREW SHAFT.</u>
	<u>FLYWHEEL SHAFT.</u>			
Material* ...	<u>Nickel Steel</u>			
How made ...	<u>Forged</u>			
Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>Dia 29 1/8"</u>			
Weight, Castings				
Progress on Inspection	<u>Rough machined</u>			
Tests on Standard Test Pieces.	<u>S. 344/</u>			
Tensile Test—	<u>52.8</u>			
Tons per square inch	<u>40.0</u>			
YIELD	<u>21.0</u>			
Extension per cent 2"	<u>180° W.F.</u>			
Cold Bending Test—				
Angle before fracture				
Dates when Inspected	<u>23/5/33 to 26/5/33</u>			

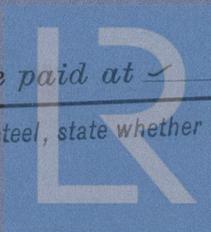
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

5<sup>th</sup> Wheel of H.P. P.A.W.  
Examined finished

Fee (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.



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