

For the information of Surveyors and the Committee only.



Received at

# Lloyd's Register of Shipping.

(Report on Machinery, No. 11175 Port Belfast)

## No. 23895 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The English Steel Corporation Ltd. of Sheffield for the Engines No. D50421 being <sup>Order</sup> ~~constructed~~ <sup>OF</sup> by The Metro-Vickers Electrical Co. Ltd. of Manchester for the Ship No. \_\_\_\_\_, being built by "City of Kimberley" 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 \_\_\_\_\_

Mark on Forgings or Castings.

M. Black  
Sheffield  
8/6/33

Lloyd's  
No. 730  
M.A.B. 2/6/33

	<del>CRANK SHAFT.</del>	<del>THRUST SHAFT.</del>	<del>INTERMEDIATE SHAFT.</del>	<del>TUBE SHAFT.</del>
	<u>1. Coupling Hub.</u>			
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
Material* ...	<u>Siemens Steel</u>			
How made ...	<u>Forged</u>			
Annealed ...	<u>Yes</u>			
Dimensions, Forging	<u>Dia 21 1/2"</u>			
Weight, Castings	<u>-</u>			
Progress on Inspection	<u>Rough Machined</u>			
Tests on Standard Test Pieces.	<u>59135</u>			
Tensile Test—	<u>31.0</u>			
Tons per square inch	<u>2 1/4</u>			
Extension per cent	<u>36.0</u>			
Cold Bending Test—	<u>180° W.F.</u>			
Angle before fracture				
Dates when Inspected	<u>22/5/33 to 2/6/33.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Forging examined after machining & found satisfactory.  
Stamped as above, date & A.S.

A.S.

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.