

Received at _____ Office, 30 SEP 1933
LLOYD'S REGISTER OF SHIPPING
6 JUN 1933
MANCHESTER

Lloyd's Register of Shipping.

(Report on Machinery, No. 11175 Port _____)

No. 23842 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. D 5029 being constructed by The Metro-Vickers Electrical Co. Ltd. of Manchester 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.

Lloyd's
No. 722
M.A.B. 30/5/33.

W. A. Black.
Sheffield
1/6/33.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Wheel 'A'</u>			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material	<u>Siemens Steel</u>			
made	<u>Forged</u>			
annealed	<u>Yes</u>			
Dimensions, Forgings	<u>Dia 2 3/4"</u>			
Weight, Castings				
Specimen on	<u>Rough Machined</u>			
Test on Standard Test Pieces.	<u>59067</u>			
Tensile Test—	<u>44.9</u>			
Stress per square inch	<u>24.8</u>			
YIELD	<u>28.0</u>			
Elongation per cent—	<u>180 w.t.</u>			
Bending Test—				
Angle before fracture				
When Inspected	<u>25/5/33 to 30/5/33.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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

(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.