

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at Office, 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. Port Manchester)

## No. F3035 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings <sup>ex stock</sup> or Castings, as herein described, ~~manufactured~~  
 by of L. Gardner & Sons Ltd. of Manchester  
 for the Engines No. <sup>TYPE</sup> 355 being constructed by L. Gardner & Sons Ltd.  
 of Manchester for the Ship <sup>M.V.</sup> NO. 1111 MARION being <sup>repaired</sup> built by  
Messrs Merwin Ltd. of Lower, Isle of Wight  
 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

*J. J. Campbell*  
 Manchester 23-7-29.

Lloyd's  
 No. 79  
7-6-29 (JF)

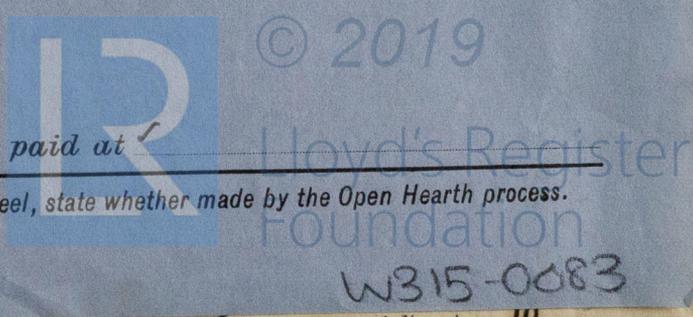
	CRANK SHAFT.	<del>THRUST SHAFT.</del>	INTERMEDIATE SHAFT.	<del>TUBE SHAFT.</del>
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
Material* ...	<u>O.H. Ingot Steel</u>			
How made ...	<u>Forged</u>			
Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>pins &amp; journals 4 3/4" diameter</u>			
Weight, Castings				
Progress on Inspection	<u>rough &amp; finished</u>			
Tests on Standard Test Pieces.				
Portable Test—				
Tons per square inch	<u>30.0</u>			
Extension per cent	<u>32.0</u>			
Cold Bending Test—				
Angle before fracture	<u>180°</u>			
Dates when Inspected	<u>15-4-29 to 7-6-29</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ Classed.

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.



W315-0083