

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port Manchester )

## No. F3083 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Evan Brothers, Ltd. of Manchester, for the Engines No. <sup>28259</sup>~~28260~~ being constructed by L. Gardner & Sons Ltd. of Manchester for the <sup>M.V.</sup>Ship No. 705, being built by Hall, Russell & Co. Ltd. of Aberdeen have been inspected by <sup>us</sup>~~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 Gardner's Works.

Mark on Forgings or Castings.

Lloyd's  
No. 349, 351 & 352  
R

R

Eight Connecting Rods.

J. Campbell & J. W. Reid.  
Manchester.

5-11-29.

	<del>CRANK SHAFT.</del> N <sup>o</sup> <u>349</u> 2 off. <del>FLYWHEEL SHAFT.</del>	<del>THRUST SHAFT.</del> N <sup>o</sup> <u>351</u> 2 off.	<del>INTERMEDIATE SHAFT.</del> N <sup>o</sup> <u>352</u> 4 off.	<del>TUBE SHAFT.</del>	<del>SCREW SHAFT.</del>
Material* ...	<u>D. H. Ingots Steel</u>				
How made ...	<u>Forged</u>				
Annealed...	<u>Yes.</u>				
Dimensions, Forgings	<u>2 1/16" diameter</u>				
Weight, Castings	✓				
Progress on Inspection }	<u>Rough &amp; finished.</u>				
Tests on Standard Test Pieces.					
Tensile Test—					
Tons per square inch	<u>31.6</u>	<u>31.2</u>	<u>31.0</u>		
Extension per cent	<u>31.0</u>	<u>31.0</u>	<u>31.0</u>		
Cold Bending Test—					
Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>		
Dates when Inspected	<u>5.3.28 to 19.9.29</u>	<u>10.4.28 to 19.9.29</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Charge (if any chargeable) £ blasted.

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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