

## Lloyd's Register of Shipping.

(Report on Machinery, No. 40332 Port Hull)

## No. 18232 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Rotherham Forge & R. Mills Ltd. of Rotherham for the Engines No. 591 being constructed by Messrs Arncliffe & Smith Ltd. of Hull 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 \_\_\_\_\_

Mark on Forgings or Castings.

Lloyd's

No. as below.  
R.N.F. 10.7.29  
9.7.29

R. H. Hawcett

Sheffield

12/7/29

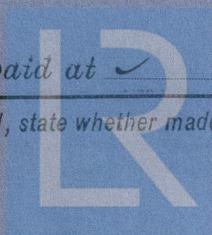
	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	1 Bar	1 Journal	3 Piston Rods.	1 SCREW SHAFT.
	FLYWHEEL SHAFT.			
Material* ...	Siemens	Steel	Siemens	Steel
How made ...	Forged		Forged	
If Annealed ...	Yes		Yes.	
Dimensions, Forgings	Dia 7 $\frac{1}{16}$ "	Dia 7 $\frac{1}{16}$ "		Dia 8 $\frac{1}{16}$ "
Weight, Castings				
Progress on Inspection	Black	Forgings	Black	Forgings
Tests on Standard Test Pieces.	B 2053. 874	B 2053. 875	864	B 2056. 863
Tensile Test—	28.8	31.9	36.0	30.6
Tons per square inch	26.0 <sup>3</sup> "	32.0 <sup>3</sup> "	29.0 <sup>2</sup> "	33.0 <sup>3</sup> "
Extension per cent				
Cold Bending Test—	180°	180°	180°	180°
Angle before fracture				
Dates when Inspected	4/7/29 to 9/7/29	9/7/29	2/7/29 to 9/7/29	2/7/29 to 10/7/29

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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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