

For the information of Surveyors and the Committee only.

Received at

Office,

6 SEP 1929

Lloyd's Register of Shipping.

(Report on Machinery, No. 40712. Port HULL)

No. 18711 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. 599 being constructed by Messrs Amos & 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 _____

on Forgings or Castings.

Lloyd's

No. as below.

R.W.F. 30/8/29

R.W. Hawceth

Sheffield

4/9/29.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	3 Piston Rods	3 Con. Rods	1 Journal	1 SCREW SHAFT.
	FLYWHEEL SHAFT.			
Material ...	Siemens	Steel	Siemens	Steel
Made ...	Forged		Forged	
Heat-treated ...	Yes		Yes	
Dimensions, Forgings			Dia 7 ⁷ / ₁₆ "	Dia 8 ⁵ / ₁₆ "
Weight, Castings				
Pressure on Inspection	Black	Forgings.	Black	Forgings.
Tests on Standard Test Pieces.	956	954	B 2283	B 2283.
Weld Test—	36.0	30.9	31.2	
Strength per square inch				
Extension per cent	28.0	34.0	37.0	
Bending Test—	180°	180°	180°	
Angle before fracture				
When Inspected	23 / 8 / 29	to	30 / 8 / 29.	

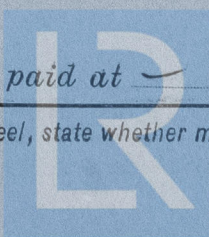
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(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.

28.



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