

# Lloyd's Register of Shipping.

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

Port \_\_\_\_\_ )

No. 8644

## ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs Vickers & Co of Sheffield for the Engines No. 671 being constructed by Metropolitan Vickers & Co 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

Mark on Forgings or Castings.

Lloyd's  
No. JP

8 Turbine Discs

J. T. Ringle  
Sheffield 16/4/23

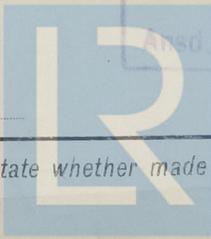
	CRANK SHAFT.		STRAIGHT SHAFTING.					
			THRUST SHAFT.		INTERMEDIATE SHAFTS.		PROPELLER SHAFT.	
Material* ...	Siemens steel							
How made ...	Forged							
Dimensions ...	Rough machined							
Progress on Inspection	12076	12077	12085	12086	12088	12743	12083	12084
Tests on Standard Test Pieces.								
Tensile Test—	44.6	44.2	43.2	42.7	43.2	42.5	44.0	43.6
Tons per square inch	25.5	24.8	26.0	25.5	26.0	25.0	27.0	23.5
Yield	24.0	27.0	25.0	28.0	27.0	26.5	26.5	25.0
Extension per cent								
Cold Bending Test—	180°	180°	180°	180°	180°	180°	180°	180°
Angle before fracture								
Dates when Inspected			15/2/21	6	13/4/23			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

OF SHIPPING.  
Recd. 23 APR 1923  
Ackd. [Signature]  
© 2020

Fee (if any chargeable) £ ✓  
To be paid at \_\_\_\_\_

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.



Lloyd's Register  
Foundation

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.