

25 SEP 1923

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

18

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 9084

ENGINE FORGINGS

~~OR CASTINGS~~

I have to report that the ~~Iron~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Messrs Vickers Ltd of Sheffield for the ^{ORDER} Engines No. 053607 being constructed by Metropolitan Vickers Ltd of Manchester for the Ship S. M. M. M. 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. 51

R.V.M.

R. J. Mackintosh

Sheffield 4/9/23

	CRANK SHAFT.	HIGH SPEED PINION	STRAIGHT SHAFTING.	
		TARGET SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	/	Nickel Steel	/	/
How made ...		Forged		
Dimensions ...		10 1/4" DIA.		
Progress on { Inspection }		Rough Turned		
Tests on Standard Test Pieces.		17908		
Tensile Test—		Bx Bx Tx		
Tons per square inch ...		43.5 42.9 43.8		
Extension per cent ...		26.0 21.5 21.5		
Cold Bending Test—	/	180° 180° 180°	/	/
Angle before fracture ...		3/8/23 5 4/9/23		
Dates when Inspected	/	3/8/23 5 4/9/23	/	/

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Examined finished machines & test

Cut.

A. Lane. Manchester 12/9/23
Stamped As for identification

Fee (if any chargeable) £ 1-11-6.
To be paid at Sheffield.

OF SHIPPING.

Recd. 10 SEP 1923.

Adm. 2020

Ans.

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