

Lloyd's Register of Shipping.

(Report on Machinery, No. 42484

Port

GLASGOW

No. 9508 ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by Spraggs & Steel Co. Ld. of Glasgow for the Engines No. 499 being constructed by A. Stephen & Co. Ld. of Glasgow for the Ship No. 499, being built by Thos. Coy of

have been inspected by me as set forth below, and found to be, so far as can be seen, Sound free from defects—

Mark on ~~Forgings or~~ Castings.

Lloyd's

No. R

1-4 1/2" Main Stop Valve

8-4 1/2" Covers for above

L. Ripley
Glasgow
18.4.22

	CRANK SHAFT.	STRAIGHT SHAFING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Siemens-Martin Acid, Open Hearth Steel</u>			
How made ...	<u>Cast</u>			
Dimensions ...	<u>To patterns</u>			
Progress on Inspection {	<u>Continuing testing</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>32.4</u>	<u>32.4</u>		
Extension per cent	<u>22.0</u>	<u>25.0</u>		
Cold Bending Test—				
Angle before fracture	<u>120°</u>	<u>120°</u>		
Dates when Inspected	<u>4-4-22 to 10-4-22</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The Castings were dropped and hammered according to the Society's rules.

Fee (if any chargeable) £ NIL (Voted Glasgow)
To be paid at

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