

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19\_\_

# Lloyd's Register of Shipping.

(Report on Machinery, No. 4409 Port Glasgow  
& Halcyon)

No. 9478 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Iron or Steel Forgings or ~~Castings~~, as herein described, manufactured by Robertson & Sons of Glasgow for the Engines No. 105 being constructed by W. & A. G. Brown of Glasgow 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. 9478  
A.F.

Alexander Fletcher  
Glasgow 10/10/1919.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Siemens Martin Best Steel</u>	<u>Steel</u>	<u>Steel</u>	<u>Scrap Iron</u>
How made ...	<u>Forged</u>	<u>Forged</u>	<u>Forged</u>	<u>Forged</u>
Dimensions ...	<u>11 3/4" dia</u>	<u>11 3/4"</u>	<u>11 1/2"</u>	<u>12 1/2" dia</u>
Progress on Inspection	<u>Forging and testing</u>	<u>Testing</u>	<u>Testing</u>	<u>Forging</u>
Tests on Standard Test Pieces.				
Welding Test—				
Tons per square inch	<u>30.6 . 30. 31.</u>	<u>30-4</u>	<u>30.2 29. 28.6</u>	
Extension per cent	<u>30 . 30 . 28</u>	<u>32</u>	<u>32 . 32 . 35</u>	
Bending Test—				
Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	
Dates when Inspected	<u>23 / 1 / 1919</u>	<u>18</u>	<u>9 / 10 / 1919</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ NIL (Vessel Classed)  
To be paid at \_\_\_\_\_

Weight 35

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

