

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 44409 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 Robert Ken & Son of Glasgow for the Engines No. 105 being constructed by Wm. & Co. Ltd. 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 FletcherGlasgow 10/10/1919.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Siemens Martin Eng'd 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 1/4"</u>	<u>12 1/2" dia</u>
Progress on Inspection	<u>Forging and testing</u>	<u>Forging</u>	<u>Forging</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 29.2 28.6</u>	
Extension per cent	<u>30 . 30 . 28</u>	<u>32</u>	<u>32 . 32 . 35</u>	
Welding Test—				
Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	
Dates when Inspected	<u>23/1/1919</u>	<u>18/9/1919</u>	<u>10/10/1919</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.