

Received at Greenock Office, 4-4-19.

# Lloyd's Register of Shipping.

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

No. 3210 ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by The Atlas Steel Foundry of Armadale for the Engines No. 482 being constructed by Messrs. Caird & Co. of Greenock 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. R  
(S)

See. shafts:-  
6 Top halves  
6 Bot. do.

Glasgow, 3<sup>rd</sup> April 1919  
O. M. Brown.

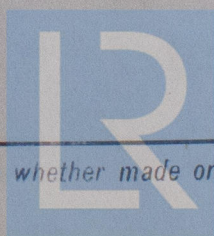
	<del>CRANK SHAFT.</del>	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Cast. Steel</u>			
How made ...	<u>Open Hearth</u>			
Dimensions ...	<u>Pattern</u>			
Progress on Inspection {	<u>After annealing</u>			
Tests on Standard Test Pieces.	<u>61. 65</u>			
Tensile Test—				
Tons per square inch ...	<u>34.0 34.8</u>			
Extension per cent ...	<u>21 20</u>			
Cold Bending Test—				
Angle before fracture ...	<u>140NF 150NF</u>			
Dates when Inspected	<u>28/2/19 11/3/19</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Dropped & hammered according to Society's rules.  
wt. 1-0-0.14

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

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



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Foundation