

For the information of Surveyors and the Committee only.

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.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Mark on Forgings or Castings.

Lloyd's  
No. R

See drafts:-  
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* ...	Cast. Steel	/	/	/
How made ...	Open Hearth			
Dimensions ...	Pattern			
Progress on Inspection	After annealing			
Tests on Standard Test Pieces.	61. 65			
Tensile Test— Tons per square inch	34.0 34.8			
Extension per cent	21 20			
Cold Bending Test— Angle before fracture	140NF 150NF			
Dates when Inspected	28/2/19 11/3/19			

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.

