

# Lloyd's Register of Shipping.

(Report on Machinery, No. 93528 Port Mwe)

## No. 5184. ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Forgings~~ or Castings, as herein described, manufactured by Messrs The Atlas Steel Foundry Eng Co<sup>ltd</sup> of Armadale, West Lothian for the Engines No. 283 being constructed by Messrs Parsons Marine Steam Turbine Co<sup>ltd</sup> of Newcastle on Tyne 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 and free from defects. These have been despatched to Messrs Parsons Mar. S. Turbine Co<sup>ltd</sup>

Mark on Forgings or Castings.

Lloyd's  
No. 5184  
W.S.K. 14.11.31



	CRANK SHAFT. <i>/ Manoeuvring Valve Chest + 2 Crans</i> FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.  SCREW SHAFT.
Material* ...	<u>Siemens-Martin Acid, Open Hearth Steel</u>			
How made ...	<u>Cast</u>			
If Annealed ...	<u>Annealed</u>			
Dimensions, Forgings	<u>5.0.8</u>			
Weight, Castings	<u>5.0.8</u>			
Progress on Inspection }	<u>Rough dressed</u>			
Tests on Standard Test Pieces.	<u>Test No 799</u>			
Tensile Test— Tons per square inch ...	<u>30.8</u>			
Extension per cent ...	<u>24.0%</u>			
Cold Bending Test— Angle before fracture ...	<u>160° NF</u>			
Dates when Inspected	<u>14/11/31</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The Castings were drawn and tested according to the Society's rules.

Fee (if any chargeable) £ (Vessel Classed) To be paid at Mwe

\* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

