

Rpt. 7

For the information of Surveyors and the Committee only.

Received at



Lloyd's Register of Shipping.

(Report on Machinery, No. *44612* Port *Hull*)

No. *4823*. ENGINE ~~FORGINGS~~ OR CASTINGS.

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

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Messrs The Atlas Steel Fdry & Eng^y Co^l of Armadale, West Lothian for the Engines No. *1455* being constructed by Messrs C. D. Holmes Co^l of *Hull*.

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 Cockburn & Co^l Cardonald, Glasgow.

Mark on Forgings or Castings.

Lloyd's
No. *4823*.
N&R. 28.2.24.

William Lewis
GLASGOW

| | CRANK SHAFT. <i>1, 1 1/2 S.S.V. Chest.</i> | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|---|---|---------------|---------------------|-------------------------|
| | ELYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material | <i>Siemens-Martin Mild, Open Hearth</i> | | | |
| How made | <i>cast.</i> | | | |
| If Annealed | <i>Annealed</i> | | | |
| Dimensions, Forgings | | | | |
| Weight, Castings | | | | |
| Progress on Inspection | <i>Rough Casting.</i> | | | |
| Tests on Standard Test Pieces. | <i>Test No 712</i> | | | |
| Tensile Test— Tons per square inch | <i>34.0.</i> | | | |
| Extension per cent | <i>29.0%</i> | | | |
| Cold Bending Test— Angle before fracture | <i>160° NF.</i> | | | |
| Dates when Inspected | <i>28/2/34.</i> | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The Castings were drawn and found satisfactory to the Society's tests.

Fee (if any chargeable) £ *1L* (Vessel Class) To be paid at *Hull.*

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

