

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. *17504* Port *Ant.*)

No. *559* ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by *St. G. J. Locherill* of *Seraing* for the Engines No. _____ being constructed by *Mr. Thomson. Houston. Carey* of *Ghent* for the Ship No. *5701*, being built by *Messrs. Scott. S.B. & Co.* of *Greenock* 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 *Ghent*

Mark on Forgings or Castings.

Lloyd's
No. *559*
2-4-30
F.L.R.

Antwerp 3-4-30.

J. L. Rabey

| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|---|----------------------------------|---------------|---------------------|--------------|
| | <i>4 lower parts of pistons.</i> | | | |
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | <i>S. M. Steel O.H.</i> | | | |
| How made ... | <i>Cast</i> | | | |
| If Annealed ... | <i>Annealed</i> | | | |
| Dimensions, Forgings | <i>Bores & flans</i> | | | |
| Weight, Castings | | | | |
| Progress on } Inspection } | <i>Rough cast</i> | | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— Tons per square inch | <i>46.9</i> | | | |
| Extension per cent | <i>30</i> | | | |
| Cold Bending Test— Angle before fracture | <i>120°</i> | | | |
| Dates when Inspected | <i>13/12/29-20/12/29-2/4/30</i> | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Drop and hammer tests were made with satisfactory results.

Fee (if any chargeable) £

To be paid at *Antwerp* *Lloyd's Register*

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