

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. *49475* Port *GLASGOW*)

No. *17499* ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by *Messrs J. Brown & Co. Ltd* of *Sheffield* for the Engines No. *3674* being constructed by *Messrs Harland & Wolff Ltd* of *Glasgow* 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

Work on Forgings or Castings.

Lloyd's

No. *8389*

S.P. *12/4/29*

J Pringle
Sheffield
29/4/29

| | CRANK SHAFT. | / THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|--------------------------------|----------------------------|---------------------------|--------------------------------|------------------------|
| | FLYWHEEL SHAFT. | | <i>1 Thrust Shaft</i> | <i>1 SCREW SHAFT.</i> |
| Material* ... | | <i>Siemens</i> | <i>Steel</i> | |
| W made ... | | <i>Forged</i> | | |
| Annealed ... | | <i>Yes.</i> | | |
| Dimensions, Forgings | | <i>Dia 16 1/4"</i> | <i>Dia 16 1/2"</i> | <i>Dia 17 3/8"</i> |
| Weight, Castings | | | | |
| Process on Inspection | | <i>Rough</i> | <i>Machined</i> | |
| Tests on Standard Test Pieces. | | <i>440 B</i> | <i>441 T.</i> | <i>B. 383 T.</i> |
| Stable Test— | | <i>32.6</i> | <i>32.9</i> | <i>29.6 30.4</i> |
| Tons per square inch | | <i>29.0</i> | <i>29.0</i> | <i>31.0 30.0</i> |
| Extension per cent | | <i>180°</i> | <i>180°</i> | <i>180° 180°</i> |
| End Bending Test— | | | | |
| Angle before fracture | | | | |
| Dates when Inspected | | <i>19/3/29 to 12/4/29</i> | <i>15/3/29 to 12/4/29</i> | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ *✓*

To be paid at *✓*

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

10m, 9.27.