

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

## No. 6816. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the Engines No. 487 being constructed by Messrs. John Readhead & Sons of South Shields 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 \_\_\_\_\_

Mark on Forgings or Castings.

Lloyd's

No. 8486.

K 11. 4. 27.

Copenhagen, 27<sup>th</sup> April 1927.

*M. Maassen*  
SURVEYOR TO LLOYD'S

|                                   | CRANK SHAFT.    | THRUST SHAFT. | INTERMEDIATE SHAFT.                     | TUBE SHAFT.  |
|-----------------------------------|-----------------|---------------|---|--------------|
|                                   | FLYWHEEL SHAFT. |               |   | SCREW SHAFT. |
| Material* ...                     |                 |               | S. M. I. Steel.                         |              |
| How made ...                      |                 |               | Hydraulic forged.                       |              |
| If Annealed...                    |                 |               | Yes.                                    |              |
| Dimensions, Forgings              |                 |               | Diam. 12 <sup>3</sup> / <sub>16</sub> . |              |
| Weight, Castings ...              |                 |               | ✓                                       |              |
| Progress on }<br>Inspection }     |                 |               | Forged & rough turned.                  |              |
| Tests on Standard<br>Test Pieces. |                 |               |   |              |
| Tensile Test—                     |                 |               | 28.2                                    |              |
| Tons per square inch ...          |                 |               | 39.8                                    |              |
| Extension per cent ...            | 2               |               |   |              |
| Cold Bending Test—                | 180°            |               | good.                                   |              |
| Angle before fracture ...         |                 |               | 4/4, 11/4, 27.                          |              |
| Dates when Inspected              |                 |               |   |              |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £. 60.00

To be paid at

Copenhagen.

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