

Rpt. 7.  
No.

For the information of Surveyors and the Committee only.

Received at

Office,

19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 22443 Port Hamburg)

Order: 6411063.

No. 38547

## ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~or castings~~, as herein described, manufactured by Messrs. Rheinmetall - Borsig A.G., of Düsseldorf-Rath. for the Engines No. \_\_\_\_\_ being constructed by Messrs. Howaldswerke A.G., of Kiel. 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 Kiel.

Mark on Forgings or Castings.

Düsseldorf 11th September 1936.

Lloyd's

No. 1011.

H.B. 8.9.36.

H. Brüggemann

|                               | <del>XXXXXX</del>              | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT.  |
|-------------------------------|--------------------------------|---------------|---------------------|--------------|
|                               | 1 piston                       |               |                     | SCREW SHAFT. |
|                               | <del>XXXXXX</del>              |               |                     |              |
| Material                      | <u>Siem. Mart. Ingot Steel</u> |               |                     |              |
| How made                      | <u>forged</u>                  |               |                     |              |
| Annealed                      | <u>heat treated</u>            |               |                     |              |
| Dimensions                    | <u>1198 mm diam.</u>           |               |                     |              |
| Weight                        | Forgings                       |               |                     |              |
| Weight, Castings              |                                |               |                     |              |
| Progress on inspection        | <u>rough turned</u>            |               |                     |              |
| Tests on Standard Test Pieces | <u>160 mm 10xd</u>             |               |                     |              |
| Impact Test                   | <u>I.P. 23,5</u>               |               |                     |              |
| Tension per square inch       | <u>36,9</u>                    |               |                     |              |
| Elongation per cent           | <u>22,4</u>                    |               |                     |              |
| 1 Bending Test                | <u>180 degr. good</u>          |               |                     |              |
| Angle before fracture         | <u>8.9.36.</u>                 |               |                     |              |
| When Inspected                |                                |               |                     |              |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The material has been ordered to special requirements.—

(if any chargeable)

To be paid at Düsseldorf.

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

W21-0115 9430