

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, 9 OCT 1933 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 40926. Port Hamburg.)

No. 839 ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Engines or~~ Castings, as herein described, manufactured by Messrs. Nordische Stahlwerke Bach & Co. of Neumünster for the Engines No. \_\_\_\_\_ being constructed by \_\_\_\_\_ of \_\_\_\_\_ for the Ship No. 149, being built by Messrs. Deutsche Werft A.G. of Hamburg 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 Hamburg.

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

Mark on Forgings or Castings.

Lloyd's  
No. 1 to 5  
P.K.15.2.33.

Hamburg, 18th February, 1933.

|  | <del>CRANK SHAFT</del>                                    | <del>THRUST SHAFT</del> | <del>INTERMEDIATE SHAFT</del> | <del>POLE SHAFT</del>   |
|--|---|-------------------------|-------------------------------|-------------------------|
|  | 4 valve casings<br>1 " cover<br><del>FLYWHEEL SHAFT</del> |                         |                               | <del>SCREW SHAFT.</del> |
| Material* ...                                    | O.H. steel  |                         |                               |                         |
| How made ...                                     | cast  |                         |                               |                         |
| If Annealed ...                                  | yes   |                         |                               |                         |
| Dimensions, Forgings                             |   |                         |                               |                         |
| Weight, Castings                                 | 151.6 kgs   |                         |                               |                         |
| Progress on Inspection }                         | unmachined  |                         |                               |                         |
| Tests on Standard Test Pieces.                   | 3" .798"  |                         |                               |                         |
| Tensile Test—<br><del>TONS PER SQUARE INCH</del> | 47.1 kg/mm <sup>2</sup>                                   |                         |                               |                         |
| Extension per cent                               | 33.3 %  |                         |                               |                         |
| Cold Bending Test—<br>Angle before fracture      | 120 degr. good.   |                         |                               |                         |
| Dates when Inspected                             | 15.2.33.  |                         |                               |                         |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Drop and hammering tests as per Rules satisfactory.

Fee (if any chargeable) £

To be paid at Hamburg.

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