

# Lloyd's Register of Shipping.

(Report on Machinery, No. 40993 Port Hull)

## No. 20621 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Rotherham Forge & R. Mills Ltd. of Rotherham for the Engines No. 1398 being constructed by Messrs C. D. Holmes & Co Ltd of Hull 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

Not as below.

R.N.F. 31.3.30.

19.3.30.

RWTawcett

Sheffield

26/3/30.

|                                | CRANK SHAFT.<br>1 Journal.<br>FLYWHEEL SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT.<br>1 Journal.<br>SCREW SHAFT. |
|--------------------------------|---|---------------|---------------------|---|
| Material* ...                  | Piement                                       |               |                     | Steel                                     |
| How made ...                   |   | Forged        |                     |   |
| Annealed ...                   |   | Yes.          |                     |   |
| Dimensions, Forgings           | Dia 8 1/4"                                    |               |                     | Dia 8 1/4"                                |
| Weight, Castings               | ✓   | ✓             | ✓                   | ✓   |
| Progress on Inspection         | Black   |               | Forgings            |   |
| Tests on Standard Test Pieces. | R3456   | R3456.        | R3436               | R3436.                                    |
| Tensile Test—                  | 409   |               | 402.                |   |
| Tons per square inch           | 28. 6   |               | 28. 04              |   |
| Extension per cent             | 32. 0   |               | 38. 10              |   |
| Old Bending Test—              | 180°  |               | 180°                |   |
| Angle before fracture          |   |               |                     |   |
| Dates when Inspected           | 11/3/30 to 21/3/30.                           |               | 11/3/30 to 19/3/30. |   |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

See (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.

3.30.