

## Lloyd's Register of Shipping.

(Report on Machinery, No. 11226 Port Bel)No. F1414 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Tife Forge Co Ltd of Hirkkala for the Engines No. 900/1 being constructed by John Hasle & Co Ltd of Greenock for the Ship No. 530, being built by West Workman Clark (1928) Ltd of Belfast 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 Greenock.

Mark on Forgings or Castings.

Lloyd's

No. 1414CHP  
5/5/33Chas. R. RowcliffeLeith25/5/33

|                                   | CRANK SHAFT.          | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT.  |
|-----------------------------------|-----------------------|---------------|---------------------|--------------|
|                                   | <u>1 TILLER</u>       |               |                     |              |
|                                   | FLYWHEEL SHAFT.       |               |                     | SCREW SHAFT. |
| Material* ...                     | <u>SM Ingot Steel</u> |               |                     |              |
| How made ...                      | <u>Forged</u>         |               |                     |              |
| If Annealed ...                   | <u>Yes</u>            |               |                     |              |
| Dimensions, Forgings              | <u>11" dia bore</u>   |               |                     |              |
| Weight, Castings                  | <u>✓</u>              |               |                     |              |
| Progress on }<br>Inspection }     | <u>Machined</u>       |               |                     |              |
| Tests on Standard<br>Test Pieces. |                       |               |                     |              |
| Tensile Test—                     |                       |               |                     |              |
| Tons per square inch              | <u>30.0 tons</u>      |               |                     |              |
| Extension per cent                | <u>30%</u>            |               |                     |              |
| Cold Bending Test—                |                       |               |                     |              |
| Angle before fracture             | <u>180°</u>           |               |                     |              |
| Dates when Inspected              | <u>21/4/33-5/5/33</u> |               |                     |              |

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.