

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port

Newcastle on Tyne

No. _____

ENGINE FORGINGS OR CASTINGS.

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

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured

by *The Darlington Forge Ltd* of *Darlington*
for the Engines No. *1246* being constructed by *Swan Hunter & Co Ltd*
of *Wallsend* 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 ~~has~~ been despatched to

Newcastle

Mark on ~~Forgings or Castings~~

Lloyd's
No. *5612D*
MR

M. Robertson

Darlington 20-9-27

1/4 bladed Propeller

| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|---|---------------------------------|---------------|---------------------|--------------|
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | <i>Manganese Bronze</i> | | | |
| How made ... | <i>Cast</i> | | | |
| If Annealed ... | <i>No</i> | | | |
| Dimensions, Forgings | | | | |
| Weight, Castings | | | | |
| Progress on Inspection | <i>Testing, blades polished</i> | | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— Tons per square inch | <i>41/188. 32.0</i> | | | |
| Extension per cent | <i>2. 35.0</i> | | | |
| Cold Bending Test— Angle before fracture | | | | |
| Dates when Inspected | <i>9-9-27, 20-9-27</i> | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Suspended and Hammered.

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.

