

For the information of Surveyors and the Committee only.

Received at

Office.

[3 OCT 1930

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

Newcastle

No. 61

ENGINE ~~FORGINGS~~ OR CASTINGS.

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

by Messrs Head Wrightson & Co. L^{td}.

of Thornaby-on-Tees

for the Engines No.

being constructed by Swan Hunter & Richardson

of Newcastle-on-Tyne

for the Ship No. 1316, being built by

Messrs Swan Hunter & Richardson of Newcastle

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

Messrs Swan Hunter & Richardson

Mark on Forgings or Castings.

Lloyd's

No. 61

J. F. 12.10.28

(Spare)

S. Topping

Middlesbrough

13.10.28

| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|---|--------------------------------|---------------|---------------------|--------------|
| | 1 Thrust Block Shoe | | | |
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | Basic Steel (Electric Furnace) | | | |
| How made ... | Cast | | | |
| If Annealed... | yes | | | |
| Dimensions, Forgings | ✓ | | | |
| Weight, Castings ... | | | | |
| Progress on { Inspection } | As Cast | | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— Tons per square inch ... | 29.6 | | | |
| Extension per cent ... | 32 | | | |
| Cold Bending Test— Angle before fracture ... | 120 | | | |
| Dates when Inspected | 8.10.28. 12.10.28 | | | |

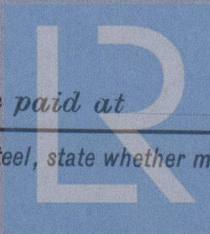
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

S. d.
10:0

Fee (if any chargeable) £ Nil—Classed Vessel. To be paid at

MIDDLESBROUGH.

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



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MIDDLESBROUGH.

Lloyd's Register
Foundation