

Rpt. 7.

For the information of Surveyors and the Committee only.

3 OCT 1931

Received at

Office,

19

## Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port

Newcastle on Tyne

No. \_\_\_\_\_

## ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Darlington Forge Ltd of Darlington for the Engines No 1316 being constructed by Swan Hunter & Co. Ltd of Newcastle 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~~ These have been despatched to Newcastle

Mark on Forgings or Castings.

Lloyd's

No. 5925D

MR

M. Robertson

Darlington 22. 7. 29

CRANK SHAFT.

THRUST SHAFT.

INTERMEDIATE SHAFT.

TUBE SHAFT.

FLYWHEEL SHAFT.

SCREW SHAFT.

Material\* ...

S.M. Ingot Steel

How made ...

Forged &amp; Annealed

If Annealed...

Yes

Dimensions, Forgings

4 7/8" dia

Weight, Castings ...

Progress on }  
Inspection }

Forged Rough Mach'd

Tests on Standard  
Test Pieces.

Tensile Test—

Tons per square inch

22.180-28.4

Extension per cent—

3- 31-0

Cold Bending Test—

Angle before fracture

180

Dates when Inspected

27.2.29.19.3.27

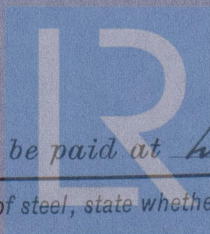
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £1-1-0

To be paid at

Darlington

\* 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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Lloyd's Register  
Foundation