

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____

No. F 343

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by The Darlington Forge Co of Darlington for the Engines No. 196 being constructed by Richardsons Westgarth & Co of Hartlepool for the Ship No. _____, being built by Furness S. B. Co. Ltd of Middlesbrough have been inspected by me as set forth below, and found to be, so far as can be seen, sound.

1 rim shrunk on wheel & secured, and teeth cut.

R D Shilston.

(Signed) Mr Robertson
Darlington.

Lloyd's

No. 3806 D288MR. R.D.S.

1 Main gear wheel rim

CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

Material* ...

Siemens Martin Steel.

How made ...

forged

Dimensions ...

Progress on Inspection }

Forged, rough & finished turned & teeth cut.

Tests on Standard Test Pieces.

Tensile Test—

34.8

Tons per square inch ...

81.0

Extension per cent ...

1800.

Cold Bending Test—

Angle before fracture ...

Dates when Inspected

Darlington 3.12.20 to 8.4.21

Hartlepool 8.12.22 to 17.1.23.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Main gear wheel ex/s "Feliciana". repaired for fitting in s/s "London Shipper" (2546)

Fee (if any chargeable) £ 3.3.0

Monthly 4/- Feb 4/23.

To be paid at West Hartlepool.

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.