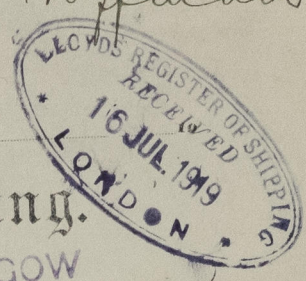


3/5 Peter Hoffman



Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

Lloyd's Register of Shipping.

(Report on Machinery, No. 38938 Port **GLASGOW**)

No. 802

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Steel Co of Scotland of Newton for the Engines No. 832 being constructed by Messrs Lohmütz & Co of Renfrew for the Ship No. 832, being built by Messrs Lohmütz & Co of Renfrew have been inspected by me as set forth below, and found to be, so far as can be seen, Sound.

Mark on Forgings or Castings.

Lloyd's
No. 802
J.D.

Crank pins

J Dale
Glasgow

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|--------------------------------|-----------------------------|--------------------|----------------------|-----------------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material* ... | <u>S.M. Ingot Steel</u> | | | <u>S.M. Ingot Steel</u> |
| How made ... | <u>Forged</u> | | | <u>Forged</u> |
| Dimensions ... | | | | <u>8 3/8 dia</u> |
| Progress on Inspection { | <u>Forging</u> | | | <u>Forging</u> |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— | <u>29.4</u> | | | <u>29.0</u> |
| Tons per square inch ... | <u>38 1/2</u> | | | <u>37 1/2</u> |
| Extension per cent ... | <u>180</u> | | | <u>180</u> |
| Cold Bending Test— | | | | |
| Angle before fracture ... | | | | <u>1 1/4/17 to 15/11/17</u> |
| Dates when Inspected | <u>10/10/17 to 15/11/17</u> | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

| | Tons per Sq. In. | Elong % In. Inches | Bend |
|--------------------|------------------|--------------------|------------|
| <u>3 Bronheads</u> | <u>29.6</u> | <u>37 1/2</u> | <u>180</u> |

Fee (if any chargeable) £ **NIL (Vessel Classed)**
To be paid at

Total Weight. 1.19.2.0

state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.
Mr. Clarke J.L.

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