

Rpt.. 7

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 54392 Port GLASGOW)

No. 4663. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Beardmore & Co. Ltd. of Glasgow for the Engines No. 538 being constructed by Messrs. A. Stephens & Sons Ltd. of Linthouse, Glasgow for the Ship No. 538, being built by themselves. 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 have been despatched to Messrs. A. Stephens & Sons Ltd. Glasgow.

Mark on Forgings or Castings.

Lloyd's
No. 4663 & Test box
C.S.P.

538

1 spare journal
1 spare pin
1 spare web

Chas. S. Porter.

Glasgow. 14/11/1933.

| | CRANK SHAFT. 7. Coupling ends. 4. Crank pins FLYWHEEL SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFTS | TUBE SHAFT. SCREW SHAFTS |
|--------------------------------|---|-------------------|------------------------------|-----------------------------|
| | Pieces | 959 | 4. 6ff. 809 810 811 & 812 | 2. 6H. |
| Material | Siemens | Martin | Ingot | Steel |
| How made | Forged. | | Forged. | |
| If Annealed | Yes. | | Yes. | |
| Dimensions, Forgings | 12 x 12 1/4 | 13 7/8 x 6 11 1/2 | 11 3/4 | 13 3/8 |
| Weight, Castings | | | | |
| Progress on Inspection | Forging. Testing and rough machining | | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— | See attached sheet | | | |
| Tons per square inch | | | | |
| Extension per cent | | | | |
| Cold Bending Test— | | | | |
| Angle before fracture | | | | |
| Dates when Inspected | 5/9/33 | | 40 | 10/11/33 |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

NIL (Vessel Classed)

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.