

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. F945 ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Renton & Fisher Ltd of Bathgate for the Engines No. 538, being constructed by Alex. Stephens & Sons of Glasgow 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 have been despatched to Glasgow.

rk on Forgings or Castings.

John Houston.
Leith

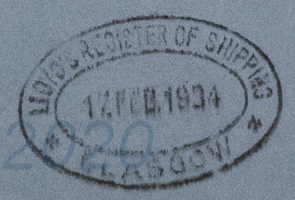
15/2/34.

Lloyd's
No. 945
7.2.34
JH.

| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|--------------------------------|------------------------------|---|---------------------|--------------|
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | <u>Electric furnace</u> | <u>The Castings consist of:-</u> | | |
| How made ... | <u>Cast</u> | <u>1-4 1/2" Valve Chest Right Hand</u> | | |
| Annealed ... | <u>Yes</u> | <u>1-4 1/2 " " Left "</u> | | |
| Dimensions, Forgings | <u>✓</u> | <u>1-4" Thro Valve Chest Right Hand</u> | | |
| Weight, Castings | <u>✓</u> | <u>1-4 " " " Left "</u> | | |
| Progress on { Inspection } | <u>Rough Castings</u> | <u>2-4 1/2 " " Chests</u> | | |
| Tests on Standard Test Pieces. | | <u>1-6" x 4 1/2" x 4 1/2" Branch Piece.</u> | | |
| Tensile Test— | | | | |
| Tons per square inch | <u>30.4</u> | | | |
| Extension per cent | <u>30</u> | | | |
| Old Bending Test— | | | | |
| Angle before fracture | <u>120° W.F</u> | | | |
| Dates when Inspected | <u>7/2/34</u> <u>14/2/34</u> | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Dropped & hammered as per Rule.



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.