

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

17. Sep

1930.

Lloyd's Register of Shipping.

(Report on Machinery, No. 41353. Port Hull)

No. 2792. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Rotherham Forge & R. Mills Ltd of Rotherham for the Engines No. 1408^a being constructed by Messrs C. D. Holmes & Co. Ltd. of Hull. 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

Mark on Forgings or Castings.

Lloyd's

No. 40.

LV 3/9/30.

L. Young

Sheffield

10/9/30.

| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|---|----------------------------|--------------------------|--------------------------------|------------------------|
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | | | Siemens | Steel |
| How made ... | | | Forged | |
| Annealed ... | | | Yes. | |
| Dimensions, Forgings | | | Dia 7 $\frac{1}{2}$ " | Dia 8 $\frac{5}{16}$ " |
| Weight, Castings | | | | |
| Progress on } Inspection } | | | Black. | |
| Tests on Standard Test Pieces. | | | 681 | 678. |
| Tensile Test— Tons per square inch | | | 30.4 | 29.8 |
| Extension per cent | | | 34.0 | 34.0 |
| Cold Bending Test— Angle before fracture | | | 180° | 180° |
| Dates when Inspected | | | 27/8/30 | to 2/9/30 |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.