

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

4 SEP 1930 10

Lloyd's Register of Shipping.

(Report on Machinery, No. H112611 Port _____)

No. 2126. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Rotherham Forge & R. Fuell Ltd. of Rotherham. for the Engines No. 620/14 being constructed by Messrs Amos & Smith 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. ✓
R.N.F. 27/8/30.

RWFawcett

Sheffield
20/8/30

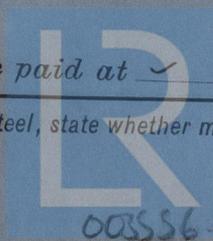
| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|--------------------------------|----------------------------|---------------|---------------------|--------------|
| | <u>3. Cow Rods</u> | | | |
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | <u>Piemens Steel</u> | | | |
| How made ... | <u>Forged</u> | | | |
| If Annealed ... | <u>Yes</u> | | | |
| Dimensions, Forgings | <u>✓</u> | | | |
| Weight, Castings | <u>✓</u> | | | |
| Progress on Inspection | <u>Black Forgings</u> | | | |
| Tests on Standard Test Pieces. | <u>666.</u> | | | |
| Tensile Test— | <u>51.2</u> | | | |
| Tons per square inch | <u>32.0</u> | | | |
| Extension per cent | <u>170°</u> | | | |
| Cold Bending Test— | <u>170°</u> | | | |
| Angle before fracture | <u>14/8/30 to 27/8/30.</u> | | | |
| Dates when Inspected | | | | |

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.



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