

pt. 7.

For the information of Surveyors and the Committee only.

Received at

Office

-8 MAY 1930

Lloyd's Register of Shipping.

(Report on Machinery, No. 41129 Port Hull.)

No. 21015 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Rotherham Forge & R. Hulls Ltd. of Rotherham for the Engines No. 678 being constructed by Messrs Bates & 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 _____

Work on Forgings or Castings.

Lloyd's
No. ✓
J.P. 28/4/30

J. P. Pingle
Sheffield
30/4/30

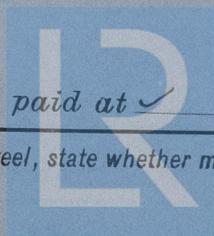
| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|--------------------------------|----------------------|----------------------|---------------------|-------------------|
| | <u>3 Piston Rods</u> | <u>3 Piston Rods</u> | <u>3 Con Rods</u> | <u>3 Con Rods</u> |
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | <u>Siemens</u> | | <u>Steel</u> | |
| Material made ... | | <u>Forged</u> | | |
| Material annealed ... | | <u>Yes</u> | | |
| Dimensions, Forgings | <u>✓</u> | <u>✓</u> | <u>✓</u> | <u>✓</u> |
| Weight, Castings | <u>✓</u> | <u>✓</u> | <u>✓</u> | <u>✓</u> |
| Progress on Inspection | <u>Black</u> | | <u>Forgings</u> | |
| Tests on Standard Test Pieces. | <u>473</u> | <u>474</u> | <u>475</u> | <u>476</u> |
| Wedge Test— | <u>30.3</u> | <u>31.4</u> | <u>31.5</u> | <u>31.8</u> |
| Tons per square inch | <u>33.0</u> | <u>29.0</u> | <u>31.0</u> | <u>31.0</u> |
| Extension per cent | <u>180°</u> | <u>180°</u> | <u>180°</u> | <u>180°</u> |
| Cold Bending Test— | | | | |
| Angle before fracture | <u>180°</u> | <u>180°</u> | <u>180°</u> | <u>180°</u> |
| Dates when Inspected | <u>18/4/30</u> | <u>to</u> | <u>28/4/30</u> | <u>30</u> |

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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