

pt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 1929

-6 SEP 1929

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port HULL)

No. 18714 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. 600 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 _____

on Forgings or Castings.

Lloyd's
No. 5 as below
R.N.F. 30/8/29.

R.W. Hawcett
Sheffield
4/9/29

| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|--------------------------------|----------------------------|---------------------------|--------------------------------|------------------------|
| | <u>3. Con. Rods.</u> | | | |
| | FLYWHEEL SHAFT. | <u>3 Piston Rods</u> | <u>1 Journal.</u> | <u>1 SCREW SHAFT.</u> |
| Material * | <u>Siemens</u> | <u>Steel</u> | <u>Siemens</u> | <u>Steel</u> |
| made ... | <u>Forged</u> | | <u>Forged</u> | |
| annealed ... | <u>Yes</u> | | <u>Yes</u> | |
| Dimensions, Forgings | | | <u>Dia 7 7/16"</u> | <u>Dia 8 5/16"</u> |
| Weight, Castings | | | | |
| Progress on inspection | <u>Black</u> | <u>Forgings.</u> | <u>Black</u> | <u>Forgings.</u> |
| Tests on Standard Test Pieces. | <u>966.</u> | <u>957</u> | <u>R2284</u> | <u>R2284</u> |
| Single Test— | <u>29.6</u> | <u>38.0</u> | | <u>31.8</u> |
| Tons per square inch | <u>33.0</u> | <u>28.0</u> | | <u>37.0</u> |
| Extension per cent | <u>180°</u> | <u>180°</u> | | <u>180°</u> |
| Bending Test— | | | | |
| Angle before fracture | | | | |
| Dates when Inspected | <u>25/8/29 to 30/8/29</u> | <u>23/8/29 to 30/8/29</u> | <u>23/8/29</u> | <u>to 30/8/29.</u> |

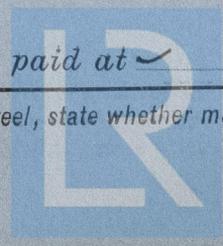
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(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.

3.28.



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