

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port Manchester.)

No. F1178 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs J. Webb & Sons Ltd of Bury for the Engines No. 71 + 72 being constructed by Manchester Dry Dock Ltd of Manchester 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

- 2 crank shaft coupling Pins No 360.
- 1 Tail Shaft No 361

Forgings or Castings.

Lloyd's No. 360 361

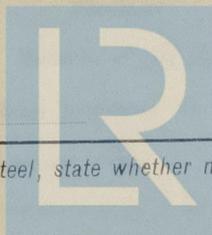
Alfred H. Lane
Manchester 11-8-19.

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|------------------------------|--|--------------------|----------------------|----------------------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material | <u>S.M. Ingot Steel</u> | | | <u>S.M. Ingot Steel</u> |
| Condition | <u>Forged</u> | | | <u>Forged</u> |
| Dimensions | <u>Comp? 1 1/2" dia 15 3/8" 6 5/8"</u> | | | <u>Comp? 1 1/2" dia 7 1/4"</u> |
| Surface Finish | <u>Rough turned</u> | | | <u>Rough turned</u> |
| Standard Pieces | <u>360</u> | | | <u>361</u> |
| Test per square inch | <u>29.0</u> | | | <u>28.0</u> |
| Extension per cent | <u>33.0</u> | | | <u>33.0</u> |
| Bending Test before fracture | <u>180°</u> | | | <u>180°</u> |
| When Inspected | <u>24-7-19. 29-7-19. 7-8-19</u> | | | <u>24-7-19. 29-7-19. 7-8-19.</u> |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ ✓
To be paid at _____

Material of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.



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