

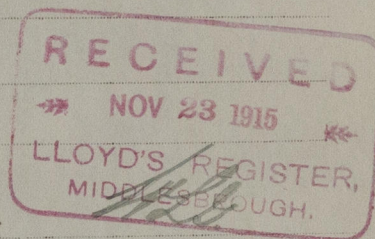
# Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 9380 Port Mura)

## No. 4134. ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron <sup>or</sup> Steel Forgings ~~or~~ Castings, as herein described, manufactured by Fife Forge Co of Kirkcaldy for the Engines No. 126 being constructed by Smiths & Co of Middlesbro 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



Mark on Forgings or Castings.

Lloyd's 4124

No. 4124

GAH

L. N. Hake

Lith

|                                | CRANK SHAFT.              | STRAIGHT SHAFTING. |                      |                                    |
|--------------------------------|---------------------------|--------------------|----------------------|------------------------------------|
|                                |                           | THRUST SHAFT.      | INTERMEDIATE SHAFTS. | PROPELLER SHAFT.                   |
| Material • ...                 | <u>5 M. 2 Steel</u>       | <u>Scrap Iron</u>  |                      | <u>Scrap Iron</u>                  |
| How made ...                   | <u>Forged &amp; Built</u> | <u>Forged</u>      |                      | <u>Forged</u>                      |
| Dimensions ...                 | <u>7 1/8</u>              | <u>7 1/8</u>       |                      | <u>7 5/8</u>                       |
| Progress on Inspection }       | <u>Forge to Finish</u>    | <u>Finished</u>    |                      | <u>Rough turned &amp; Finished</u> |
| Tests on Standard Test Pieces. |                           |                    |                      |                                    |
| Tensile Test—                  |                           |                    |                      |                                    |
| Tons per square inch ...       | <u>29.2</u>               | <u>—</u>           |                      | <u>—</u>                           |
| Extension per cent ...         | <u>32.0</u>               | <u>—</u>           |                      | <u>—</u>                           |
| Cold Bending Test—             |                           |                    |                      |                                    |
| Angle before fracture ...      | <u>180° Cold</u>          | <u>—</u>           |                      | <u>—</u>                           |
| Dates when Inspected           | <u>16/8 to 8/9/15</u>     | <u>14/9/15</u>     |                      | <u>17/9 &amp; 19/9/15</u>          |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at



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