

Lloyd's Register of British and Foreign Shipping.

*2/5* *Radnorland*

(Report on Machinery, No. *18513* Port *Glasgow*)

No. \_\_\_\_\_ ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by *Messrs J. Brown & Co. L<sup>d</sup>* of *Sheffield* for the Engines No. *341* being constructed by *J. Brown & Co. L<sup>d</sup>* of *Clydebank* 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, *Satisfactory*

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Mark on Forgings.

Lloyd's  
No. *L. 45*  
*R.F.M.*

*R. F. Morton*  
*Sheffield.*

|                        | STRAIGHT SHAFTING.                              |                      |                      |                      |
|------------------------|---|----------------------|----------------------|----------------------|
|                        | CRANK SHAFT.                                    | THRUST SHAFT.        | INTERMEDIATE SHAFTS. | PROPELLER SHAFT.     |
| Material               | <i>Siemens Steel</i>                            | <i>Siemens Steel</i> | <i>Siemens Steel</i> | <i>Siemens Steel</i> |
| How made               | <i>Forged</i>                                   | <i>Forged</i>        | <i>Forged</i>        | <i>Forged</i>        |
| Dimensions             | <i>17 1/4" diam.</i>                            | <i>17 1/2" diam.</i> | <i>16 3/4" diam.</i> | <i>18 1/2" diam.</i> |
| Progress on Inspection | <i>Rough turned &amp; finished</i>              | <i>Rough turned</i>  | <i>Rough turned</i>  | <i>Rough turned</i>  |
| Dates when Inspected   | <i>From March 1899 to Sept 1900 = 36 visits</i> |                      |                      |                      |

PARTICULARS OF TESTS APPLIED TO CASTINGS:-

- 2 - four throw Crank shafts - port & starboard - 2047-27-10-99*
  - 1 - Spare crank shaft - 2047-17-1-1900*
  - 2 - Thrust shafts - N<sup>o</sup> 405-406*
  - 14 - Intermediate shafts N<sup>o</sup> 395-396-397-398-399*
  - 400-401-402-403-404-407-408-409-410*
  - 2 - Single Coupling shafts N<sup>o</sup> 429-430*
  - 2 - Propeller shafts N<sup>o</sup> 427-428*
  - 1 - Spare propeller shaft N<sup>o</sup> 479*
- Fee (if any chargeable) £ \_\_\_\_\_

To be paid at \_\_\_\_\_

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.

