

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 190

# Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

No. 263

## ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by Amnell & Co of Sheffield for the Engines No. 473 being constructed by Amnell & Co of Birmingham 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.

Mark on Forgings.

Lloyd's

No. Rounder

J.H.M.

John Mackinlay

Sheffield

1-1-05

|                        | CRANK SHAFT. | STRAIGHT SHAFTING.             |                      |                  |
|------------------------|--------------|--------------------------------|----------------------|------------------|
|                        |              | THRUST SHAFT.                  | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material *             |              | <u>Siemens Steel.</u>          |                      |                  |
| How made               |              | <u>Forged</u>                  |                      |                  |
| Dimensions             |              | <u>8 3/4" diam.</u>            |                      |                  |
| Progress on Inspection |              | <u>Forged rough turned.</u>    |                      |                  |
| Dates when Inspected   |              | <u>bet. 19 to 26 Oct 1905.</u> |                      |                  |

### PARTICULARS OF TESTS APPLIED TO CASTINGS:—

| Lloyds No. | Heat No. | Tensile. | Elongation. | 5" Bend   |
|------------|----------|----------|-------------|-----------|
| 23         | 8847 I.  | 29.5     | 30.7%       | 180° h.B. |
| 24         | 8937 F.  | 29.3     | 30.7%       | " "       |
| 211        | 8959 F.  | 30.4     | 27.7%       | " "       |
| 267        | 8977 F.  | 26.8     | 28.7%       | " "       |
| 275        | 8977 F.  | 26.8     | 28.7%       | " "       |

Fee (if any chargeable) ✓

To be paid at Liverpool

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

3m, 12.4. T.

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