

Lloyd's Register of British and Foreign Shipping.

(Report on Machinery, No. Port:))

No. 712 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by M^r. Fried. Krupp of Essen Ya Prussia for the Engines No. being constructed by of for the Ship ~~No.~~ "Paris", being built by Messrs Harland & Wolff of Belfast have been inspected by me as set forth below, and found to be, so far as can be seen, Sound and free from defects.

10 crankpins, 8 body parts for a built shaft, 1 Thrustshaft & 3 intermediate shafts.

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

Mark on Forgings.

R
Lloyd's
No. 1619-1626
J.M.

Witnessed 2^o May 1900
J. Thammes

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|------------------------|--|--------------------|---|------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material * | <u>Siemens Martin</u> | / | <u>Siemens Martin</u> | \ |
| How made | <u>Forged</u> | | <u>Forged</u> | |
| Dimensions | <u>20 3/4" pins 2 1/2"</u> | | <u>19 1/2" diam</u> | |
| Progress on Inspection | <u>rough turned</u> | | <u>rough turned</u> | |
| Dates when Inspected | <u>17th April, 2^o May.</u> | | <u>17th April & 2^o May.</u> | |

PARTICULARS OF TESTS APPLIED TO CASTINGS:—

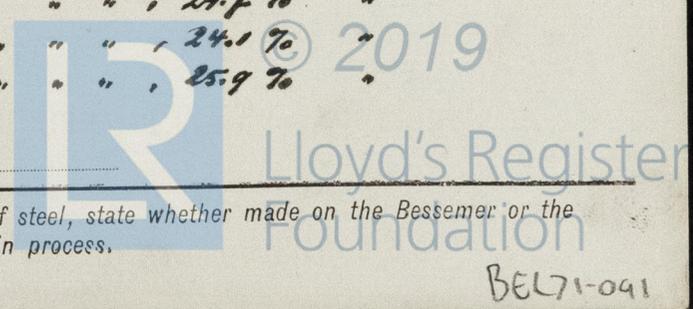
Results of tensile testing:

| | |
|--|--|
| <u>Interm. shaft n^o 1619.</u> | <u>27.5 tons per sq. inch, 22.3% elongation.</u> |
| <u>Thrustshaft n^o 1620.</u> | <u>27.9 " " " " , 25.3% "</u> |
| <u>Interm. shaft n^o 1621.</u> | <u>29.4 " " " " , 21.8% "</u> |
| <u>4 Paris n^o 1622.</u> | <u>29.5 " " " " , 24.7% "</u> |
| <u>6 Paris n^o 1623.</u> | <u>29.7 " " " " , 22.6% "</u> |
| <u>4 Journals n^o 1624.</u> | <u>29.9 " " " " , 24.7% "</u> |
| <u>4 " n^o 1625.</u> | <u>30.7 " " " " , 24.1% "</u> |
| <u>Interm. shaft n^o 1626</u> | <u>29.4 " " " " , 25.9% "</u> |

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.



Belfast
W. S. S. ~~Part~~ ~~Philadelphia~~
Crank & Suter's Shafts

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Foundation