



Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No.

Port

123

Order 60685/60289

No. 16476

ENGINE FORGINGS OR CASTINGS

I have to report that the ~~Iron or Steel Forgings~~ ~~and Castings~~, as herein described, manufactured by Messrs. Haniel & Lueg of Düsseldorf-Grafenberg for the Engines No. 772 being constructed by Messrs. Dickinson & Sons, Ltd. of Sunderland for the Ship No. 501, being built by Messrs. Thomsen & Sons, Ltd. of Sunderland have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

1 Intermediate shaft

Mark on Forgings or Castings.

Lloyd's
No. 7617
J.M.3.13.

Düsseldorf 18th. March 1913.

Johannes Meyer

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|---|--------------|--------------------|---------------------------------------|------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material* ... | | | annealed Siemens Martin Ingotsteel | |
| How made ... | | | forged | |
| Dimensions ... | | | 13 1/2" diam. | |
| Progress on Inspection } | | | rough turned diameter .798" | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— Tons per square inch ... | | | 30.1 | |
| Extension per cent ... | | | 29.- | |
| Cold Bending Test— Angle before fracture ... | | | 180 degr. good. | |
| Dates when Inspected | | | 12th. & 17th. March 1913. | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at Düsseldorf

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