

For the information of Surveyors and the Committee only.

Received at

Office,

10

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 3429 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Dennystown Forge Co. of Dumbarton for the Engines No. 848 being constructed by Messrs John Dickinson & Sons of Sunderland for the Ship No. 30, being built by

Comp. Euskalduna de Construc. Rep. de Buques Bilbao

have been inspected by me as set forth below, and found to be, so far as can be seen, Sound



6.9.19

J Dale
Glasgow

Lloyd's

No. 3429

J.D.

| | CRANK SHAFT. | | STRAIGHT SHAFTING. | |
|------------------|--|----------------|----------------------|------------------|
| | THRUST SHAFT. | | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material | <u>Siemens Martin Ingot Steel</u> | | | |
| | <u>Forged</u> | | | |
| Size | <u>14 1/2 dia</u> | <u>14" dia</u> | <u>13 3/4 dia</u> | |
| Process | <u>Forging annealing & testing</u> | | | |
| Standard Pieces. | | | | |
| Weight | <u>32.0, 29.2,</u> | <u>29.5</u> | <u>30.4</u> | |
| Per square inch | <u>31%, 32%,</u> | <u>30%</u> | <u>30%</u> | |
| Per cent | | | | |
| Ductility Test | <u>180</u> | <u>180</u> | <u>180</u> | |
| Before fracture | | | | |
| When Inspected | <u>14.5.19 16.6.19</u> | <u>19.6.19</u> | <u>15.7.19</u> | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(if any chargeable) £ NIL (Vessel Classed)

To be paid at

Total 16.16.0.0

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

Sunderland.

Thickness of shell plates Material Description of longitudinal joint